

Vice Chancellor's Communique

The entire world is experiencing unprecedented challenges during the last two years due to instability caused by Covid-19. While the pandemic period is over yet its threat is still looming large over the world, it is heartening to see that our teaching, research and other academic activities have regained normalcy.

Once again our focus on progressing our goals and vision is back and our relentless march towards meeting the challenges have already begun. Over the period under report we have made significant progress towards delivering the key aspects of our vision- research & innovation, teaching, learning and extension activities.

In conformity with our national goal of transfigure the country to the knowledge economy within the time frame of Amrit Kal, (by the year 2047) the mission and vision of the university has accordingly been revised. We have taken a number of important initiatives towards development and strengthening of infrastructure, enhanced usage of ICT, improving amenities for staff and students, creating an enabling research ecosystem, strengthening admission and examination cell, establishing strong University-Industry linkages, reaching out to the neighbouring village community and numerous other measures for improving the efficiency and optimising our potential for effective functioning of the university. We have initiated the process to digitize all operations of the University. Efforts have been made towards building E-Office by strengthening ERP solution with the help of SAMARTH. We have started integrating all our academic & research work with administrative sections including admission, examination and finance departments/cells under one platform digitally.

One of the most remarkable developments is the introduction of NEP 2020 in our University from the present academic session. Necessary measures have already been taken to adopt NEP 2020. **Five years integrated programme with multiple entry and exit scheme** as stipulated in the new education policy is being introduced from the upcoming session. Further, necessary steps have been taken to open departments of Statistics and Economics & Development Studies. The existing departments have been restructured in line with the NEP-2020.

We have also introduced collaborative research by establishing Centre of Excellence; and partnership with higher education institutions such as **IIT (ISM), Dhanbad** to promote knowledge exchange and to create a vibrant innovations and start-up ecosystem. Preparations have already been made to introduce part time Ph.D. programmes in different disciplines from the next session in which sponsored candidates from the industries will be offered doctoral programme. The University has also established a **Central Instrumentation Facility (CIF)** wherein instruments and equipments have been put in place to facilitate research and development. In accordance with the UGC guidelines we have made necessary statutory provisions facilitating students to pursue and acquire two academic degrees simultaneously. In this direction we are entering into MoU with IGNOU. To facilitate students' mobility within degree-granting Higher Education Institutions (HEIs) for the purpose of recognition, accumulation, transfer and redemption of credits we have launched Academic Bank of Credits (ABC) in our university.

The University has introduced MOOCs and workshops are continuously being conducted to train faculties in developing MOOCs learning material.

The Placement Cell of the University is actively involved in the placement of students. As a result, our students are being selected by various reputed companies with good pay packages. The University is planning to improve and design academic and training programmes to disseminate skill and knowledge to enhance opportunities for employability and entrepreneurship.

The University has shifted its administrative block during the pandemic period and departments of Humanities and Social Sciences are now fully functional from the permanent campus. We are quite confident that the rest of the departments along with library and laboratories will be shifted to the new campus soon.

University has already begun the process of recruitment against the vacant posts of teaching and non-teaching staff. We are giving extra impetus on improving the number of admissions in all the departments. For this, we have increased the number of seats for admission in many departments. Further, university is working hard to improve its ranking in NIRF and NAAC accreditation. Our IQAC in collaboration with all the other departments relentlessly working to achieve this goal. The University is at present fully functional in offline mode. We have already started organising different cultural, sports and other co-curricular activities in the physical mode under **Ek Bharat Shreshth Bharat scheme and NSS**.

Under the aegis of “Neighbourhood Connect” program several activities were organised to build stronger, more engaged and supportive neighbourhood. The University is also aware of its sphere of influence and recognises social responsibility. Through various NSS activities, it has made a difference in the lives of the neighbouring villages. We are keenly committed to bring both economic and social benefits to them and share our expertise, knowledge and skill to contribute to their social, cultural and environmental richness. Further, our NSS wing has adopted five villages around our permanent campus to carry out its social development programmes. **The University is also connected with the local army and paramilitary bases through National Cadet Corps** and from time to time it organises events in collaboration with them.

We are committed to promoting and enhancing quality of research and education in compliance with national and global standards. **Our faculties have published approximately 290 research papers in national and international journals of high repute, procured number of new research projects from different agencies such as ICSSR, DST, SERB, UGC, etc.** engaging eminent and renowned professors (who are winners of prestigious Padma and Bhatnagar awards) as mentors reflect our keenness and commitment towards excellence.

Further, to promote research, enterprise and innovation we have initiated the practice of felicitating our faculties and scholars for their quality research and employees for their significant contribution to the institutions on the foundation day of the university every year.

Despite our steady progress, we are aware of our challenges at the local, national and global level. University is still striving hard to acquire land allotted to itself and need government’s assistance in resolving land disputes and construction of approach road. Institution being located in tribal belt, we are trying to improve admission intake of students belonging to scheduled tribe category. For the realization of our vision and mission all the stakeholders have to work concertedly with more commitment, fortitude and determination. I am sure we shall march ahead on the path of progress.

(Prof. Kshiti Bhusan Das)

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EXECUTIVE SUMMARY

Introduction

The Central University of Jharkhand established under the Central Universities Act, 2009 on 1st March 2009. This act envisaged establishing premium institutions of learning and research in different states. It has addressed and rectified the regional disparity and academic lacunae in various parts of the country. Thus, the Central University of Jharkhand established with a holistic vision of enhancing the academic sphere and influence of the region. The University has proactively emerged as a pioneer place for teaching and learning. It has improved the research and knowledge output and made its students more skilled and responsible citizens of the state by promoting innovation, creative endeavours and scholarly inquiry. The vast student support network of the University extends the outreach of CUJ to the hitherto deprived rural, remote, socially and physically disabled segments of the population across the country, providing them access to quality and cost-effective higher education. The objective of the University is to disseminate knowledge and provide adequate opportunities for research and training in diverse streams. The academic and research programmes of the University are meticulously designed and well suited to the varied requirements of the nation and enables the creation of a new '*Aatmnirbhar Bharat.*'

During this period, the administrative wing of the University became fully operational in the permanent campus. Several academic departments were also given allotment in the new campus for conducting its regular activities. The construction of several buildings such as Administrative, Library and Academic are under way. Hopefully, it will be completed soon at its stipulated time. The other developmental work, such as internal road construction, boundary wall construction around the building, are also under progress. The University is in constant touch with the state government to acquire the remaining land. The construction of the approach road and a power sub-station is also a top priority. The University is pursuing the State Government to take a concrete decision in this matter soon, so that development work may complete at the earliest.

The COVID pandemic marred the teaching-learning process across the globe as it restricted the physical classes, yet, it also paved the way for ushering in a new era of teaching-learning through the help of ICT technologies. The University ensured continuity of the academic activities through the use of multimedia tools, e-resources and online classes. The University had special training sessions for the faculty members on using Google Classroom. The University bought Google Classroom for all the faculties. Students were given an official email id to access library from remote areas. Faculties were motivated to develop the Self Learning Material (SLM) for

students during the pandemic. During these difficult times, theory examinations were successfully conducted online, followed by the result, in the stipulated time.

The Centres of Excellence functional in the University namely CoE-GEET and Centre for Endangered Languages continued their good work in the filed of green energy and making mobile applications, dictionaries for the langauges on the verge of extinction respectively.

In order to establishe partnership with higher education institutions of eminence and industry with a purpose to promote knowledge exchange and to create a vibrant innovation and startup ecosystem University framed necessary guidelines. In the rpoerting period the University signed a MoU with IIT (ISM) Dhanbad. The University has planned to sign MoU with Universities/Institutions/PSUs/Indutries in the coming years.

The University also organised programmes on various occasions like '*Janjatiya Gaurav Diwas*'; *World Tribal Festival*, various programmes as a part of '*Azadi Ka Amrit Mahotsav*' various programmes on '*NEP-2020*' in which renonwned statesman, buerocrates, educationists such as Shri Karia Munda, former Union Cabinet Minister, Padamshree Shri Mukundlal Nayak, Padamshree Dr. Damayanti Beshra, Shri Atul Bhai Kothari, Secretary Shiksha, Sanskriti Utthan Nyas, Delhi, Shri Amit Khare, IAS (Retd.), Advisor to the Hon'ble Prime Minister of India were invited to deliver talk.

The University comprises nine schools, twenty-four departments and two Centres of Excellence. It offered academic, professional, and skill-oriented programmes of study at the Certificate, Diploma, Master's Degree and Doctoral Degree level during this period. The examination pattern is Semester UG based under Choice Based Credit System (CBCS) with a continuous evaluation system during each Semester, through three internal sessional exams and one semester-end exam. All the major programmes are of two-year postgraduate and PhD.

The National Education Policy, 2020, is a landmark policy that attempts to transform the landscape of the Indian education system. It was approved by the Union Cabinet, with the vision of overhauling Higher Education. The University is fully committed to implementing the NEP-2020 and has formed a Task Force to suggest the measures to be taken by the University in its successful implementation.

Schools	Departments
School of Natural Sciences	Mathematics
	Physics
	Chemistry
	Life Sciences
	Computer Science and Technology

School of Engineering & Technology	Nanoscience and Technology
	Transport Science and Technology
	Energy Engineering
	Water Engineering and Management
School of Natural Resource Management	Geoinformatics
	Environmental Sciences
	Geography
School of Management Sciences	Business Administration
	Commerce and Financial Studies
School of Mass Communication and Media Technologies	Mass Communication
School for the Study of Culture	Tribal Studies
	Performing Arts
	Contemporary and Tribal Customary Law
School of Humanities and Social Sciences	International Relations
School of Languages	English Studies
	Far East Languages
	Hindi
School of Education	Education
Center of Excellence	Green and Efficient Energy Technology Endangered Languages

The University lays great emphasis on imparting higher education to women, socially and economically disadvantaged groups, the North-East region and other tribal and low literacy areas of the country. All India advertisements are put all over India through the CUCET head office which helps in attracting students from all over India. The University ensures equal access to quality higher education across urban, rural and tribal areas. It admitted students from diverse backgrounds to various programmes through Central University Common Entrance Test (CUCET).

Under its programmes of U.G and P.G, it admitted 757 students in the reporting year. A total of 39 students, took admission in doctoral programmes. Among the admitted students, 43.46% students are women. Students from across the country have taken admission to the University which reflects its all India character. The University has taken several initiatives to improve the participation of socially backward communities in higher education. Students from SC/ST category are provided reservations and fellowships as per the Government of India rules and norms. The University has also provided an online portal and mechanism to connect to the Jharkhand government fellowships for higher education for students from Socially Backward Categories. The University also has a grievance redressal mechanism.

There are various cells such as OBC Cell, SC/ST Cell, Internal Grievance Committee, Equal Opportunity Cell for all kinds of related issues.

There is a lot of vibrancy on the campus which is also reflected in different fields. A total of 44 students, passed out, from the University qualified in GATE/NET/JRF examinations conducted by various agencies. Besides this, a good number of students of the University were successful in enrolling themselves in doctoral programmes offered by various higher educational institutions. Four scholars of the University were awarded Ph.D. degrees in the reported period.

The Placement Cell of the University actively worked for the placement of students. A total of 87 successful students were short listed/selected by various companies with the highest package of Rs.42.9 lakh. The University is planning to improve and design academic programmes/training to disseminate skill and knowledge to enhance opportunities for employability and entrepreneurship.

The University promotes student-centric learning through the flexible entry and interactive formats for instructional resources and academic support through Information and Communication Technologies (ICTs). SWAYAM and DTH SWAYAM PRABHA are being utilised to enhance and fit into the preference and learning approach of the individual student. Workshops were also conducted to train faculties in developing the MOOC learning material. The University has established a MOOC development committee to look for proposals from the faculty members of the University.

The University continued its research and development activities despite its limited resources and restrictions put by the COVID pandemic outbreak. A total of 48 National/International Webinars, Seminars, Workshops, Refresher Courses, FDPs, Lectures, etc. were organized during the reporting year on various topics of relevance and importance. The faculties have published 294 research papers in national and international journals. Around 68 book chapters/books were published by the faculty members in the reported period. Approximately 30 research projects were running in the University and twelve (12) new projects have been sanctioned in the reported period.

With the help of the SAMARTH portal, the University has started the digitization of various activities such as admission, recruitment, examination, etc. under one platform.

The University is in the process to establish an Audio-Visual Studio in the campus to make the Community Radio operational. It is ceaselessly trying to emerge as a democratic space where a sense of community/ belongingness is inculcated through various group activities.

The University is also aware of its sphere of influence and social responsibility. Through various NSS activities, it has made a difference in the lives of residents. Unnayan is an educational and social responsibility wing of the Central University of Jharkhand. It had its humble beginning in 2010 with few children of local workers. These initial efforts blossomed into the educational social responsibility programme of Central University of Jharkhand. In the past few years, students, staff and faculty members have volunteered to impart knowledge to the under privileged students from the nearby villages. These endeavours have led to the exceptional academic performance of almost all the students at the Matriculation and Intermediate Examination. Several extracurricular activities like dancing, singing, painting, sketching, physical fitness programmes, children film shows, etc. have also been organized through Unnayan.

Despite the severity of the pandemic, various programmes were still organized through blended or online mode during the reported period. It was the sheer determination and resolve of the administration which made these occasions even more remarkable such as education day, constitution day, etc. The University continued to support the initiative, started by the Government such as Vigilance awareness week.

CHAPTER - 1

Central University of Jharkhand: A Profile

1.1 Introduction

Central University of Jharkhand came into being under the Central Universities Act, 2009 on 1st of March 2009. The above Act envisages establishing and incorporating Universities for teaching and research in various states. Central University of Jharkhand started with a vision to specially focus on relevant present age educational drives with an emphasis on research in cutting-edge technologies.

1.2 Authorities of the University

The Hon'ble President of India is the Visitor of the University and designated as the Highest Authority of the University. The University has mainly three authorities namely, Executive Council, Academic Council and Finance Committee constituted by the Act and Statutes of the University.

The Executive Council is the apex executive body of the University. The constitution of the Executive Council, term of office of its members and its powers and functions are prescribed as per the Statutes. The Executive Council has the power to manage and administer the revenues, property and administrative affairs of the University. It has the right to advise the Academic Council on any matter which it may deem necessary for the fulfillment of the objectives of the University. The University convened three Executive Council meetings during this calendar year.

The Academic Council is the apex academic authority, which decides the academic policies of the University and gives directions on methods of instruction, evaluation and improvement in academic standards and also provides guidance and supervision to research activities in the University. There was one meeting of Academic Council convened during this period.

The Finance Committee advises the University on all financial matters, fixing limits for the recurring and non-recurring expenditure of the year, based on grants received from the Government and other incomes from internal financial resources of the University. It also examines accounts and scrutinizes the expenditures of the University. The University convened one meeting of the Finance Committee in the period.

The Officers of the University include the Vice Chancellor, the Pro Vice Chancellor, the Registrar, the Finance Officer, the Librarian and the Controller of Examinations, Deans. The Vice Chancellor is the Chief Executive Officer of the University and is the ex-officio Chairperson of the Executive Council, the Academic Council and the Finance Committee of the University.

Executive Council: Members

1. Prof. Kshiti Bhushan Das, Vice Chancellor, Central University of Jharkhand, (Ex-Officio Chairman)

2. Prof. Sanjay Singh, Vice Chancellor, Baba Saheb Bhimrao Ambedkar University, Lukhnow – Member
3. Prof. Shri Prakash Mani Tripathi, IGNTU, Amarkantak – Member
4. Dr. Poonam Singh, PG Dept. of Psychology, J P University, Chapra – Member
5. Prof. (Mrs.) Kamini Kumar, Vice Chancellor (In-charge), Ranchi University, Ranchi – Member
6. Prof. Shambhu Nath Singh, Director, Journalism & New Media Studies, IGNOU, New Delhi – Member
7. Prof. Narendra Kumar Singh, Head of Department, Dept. of Physics, S N Sinha College, Jehanabad – Member
8. Prof. Harendra Prasad Singh, Dean – School of Natural Science, CUJ – Member
9. Prof. S L Harikumar, Registrar, CUJ – Non Member Secretary

Meetings of Executive Council

- Meeting of 36th Executive Council held on 4th September, 2021.
- Meeting of 37th Executive Council held on 15th November, 2021.
- Meeting of 38th Executive Council held on 29th January, 2022.

Academic Council: Members

1. Prof. Kshiti Bhushan Das, Vice Chancellor, Central University of Jharkhand, (Ex-Officio Chairman)
2. Prof. Gopal Pathak, Vice Chancellor, Jharkhand Technical University- Member
3. Prof. B. R. K. Sinha, Dept. of Geography, BHU, Varanasi- Member
4. Prof. Dilip Kumar Yadav, Dept. of Computer Science, NIT, Jamshedpur- Member
5. Dr. Prabhudev Kurle, CoE, Central University of Jharkhand- Member
6. Dr. S. K. Pandey, Librarian, Central University of Jharkhand- Member
7. Prof. Arun Kumar Padhy, Dean- School of Natural Sciences & Head, Doc- Member
8. Prof. H. P. Singh, Dean School of Engineering & Technology & Head, DWEM- Member
9. Prof. Manoj Kumar, Dean, School of Natural Resources Mgmt. & Head, DEVS- Member
10. Dr. Vimal Kishor, Dean School of Mass Communication and Media Technologies, and School of Education and Head, DEd- Member
11. Prof. Bhagwan Singh, Dean School of Management Sciences- Member
12. Prof. Ratnesh Vishwaksen, Dean- School of Languages & Head, Dept. of Hindi- Member
13. Dr. Rabindranath Sarma, Dean- School for the Study of Culture and Head, DTS- Member
14. Dr. Alok Kumar Gupta, Dean- School of Humanities & Social Sciences and Head, DPIR Member
15. Prof. S. K. Samdarshi, Professor, DEE- Member
16. Prof. Dev Vrat Singh, Head, DMC- Member
17. Prof. A. K. Sarkar, Head , DBA- Member

18. Prof. A.C. Pandey, Head- DGI- Member
19. Prof. Ajai Singh, Head I/C, DTST- Member
20. Prof. Subhash C. Yadav, Head, DC&T- Member
21. Dr. G. P. Singh, Head, DNT- Member
22. Dr. Manoj Kumar, Head, DLS- Member
23. Dr. D. B. Lata, Head, DEE- Member
24. Dr. K. B. Singh, Head, DC&FS- Member
25. Dr. Ranjit Kumar, Head, DES- Member
26. Dr. Dharmendra Singh, Head, DoP- Member
27. Dr. Sucheta Sen Chaudhuri, Associate Professor, DTS- Member
28. Dr. Ashish Sachan, Associate Professor, DLS- Member
29. Dr. Bateshwar Singh, Associate Professor, DC&FC- Member
30. Dr. Hrishikesh Mahto, Coordinator, DoM- Member
31. Shri Shashi Kumar Mishra, Coordinator, DFEL- Member
32. Shri Shamsheer Alam, Coordinator, DCTCL- Member
33. Dr. Vekata Naresh Burla, Coordinator, DPA- Member
34. Dr. Pragyan Pushpanjali, Asst. Professor, DBA- Member
35. Dr. Seema Mamta Minz, Asst. Professor, DTS- Member
36. Dr. Rajanikant Pandey, Asst. Professor, DTS- Member
37. Ms. Shrishti Snehil, Dept. of Life Science- Student Member
38. Mr. Roshan Raj Singh, Dept. of English Studies- Student Member
39. Prof. S L Harikumar, Registrar, CUJ – Non Member Secretary

Meetings of Academic Council

- Meeting of 20th Academic Council held on 7th October, 2021.

Finance Committee: Members

1. Prof. Kshiti Bhushan Das, Vice Chancellor, Central University of Jharkhand, (Ex-Officio Chairman)
2. Prof. S. Parbarhamaih, Finance Officer (Retd.), University of Hyderabad–Member
3. Shri Debashish Pal, Former Finance Officer, Sikkim University, Joint Finance Officer, Jadavpur University – Member
4. Joint Secretary (CU), UGC (Visitor Nominee) – Member
5. Joint Secretary (CU), UGC (Visitor Nominee)–Member
6. Joint Secretary (CU), Ministry of Education, New Delhi – Member
7. Dr. Vimal Kishor, Finance Officer (I/c) – Non-Member Secretary

Meetings of Finance Committee

- Meeting of 22nd Finance Committee held on 7th December, 2021.

1.3 Academic Programmes

The University offers academic, professional, and skill-oriented programmes of study at the Certificate, Diploma, Bachelor's, Master's and Doctoral level during this period

of report. The information regarding academic programmes such as, eligibility criteria, duration, and other details are available on CUJ's website; www.cuj.ac.in. The focus of these academic programmes is to develop enlightened citizenship of a knowledge society for peace and prosperity of individuals, nation and the world, through promotion of innovation, creative endeavors, and scholarly inquiry.

1.4 Industrial System

The University delivers academic programmes through a multi-media instructional system, which includes face-to-face counseling, Interactive Counseling, Laboratory and Hands-on Experience, Web-Conferencing, Interactive Multimedia, Internet based learning, and also Instant Messaging through mobile phones. For courses in streams like Sciences, Computer Sciences, Mass Communication, Education, Engineering and Technology, arrangements have been made for intensive practical classes/practice teaching at departments. The design of the instructional system as well as capacity building of teachers is facilitated by the University.

1.5 Student Support Services

The University has an extensive Learner Support Network. This network facilitates access to a range of services to learners and other stakeholders, such as subject-specific academic counseling, listening/viewing of audio/video programmes, library facilities, tele-conferencing, video conferencing, multimedia support, computer access, laboratory work and practical work. Special attention is given to women, minority communities, socially and economically disadvantaged groups. The university has OBC Cell, SC/ST Cell, Internal Grievance Committee, Equal Opportunity Cell, Anti Ragging Cell for all kind of related issues. Apart from that, Dean of Student's Welfare (DSW) is also available for day to day affairs. Also the university provides different facilities to promote Sports and Extra Curricular activities. The University collaborates with outside agencies to provide work experience, practical and hands-on training to its learners for any other additional requirement of the curriculum.

1.6 Administration and Finance

The general administration of the University is run by the Administration Section headed by the Registrar. It provides administrative support to all the Schools, Departments and other Cells / Sections of the University. The details of its functioning are covered in Chapter 7: 'Governance, Leadership & Management' of this Report.

The University's financial matters are dealt with by the Finance and Accounts Section, which deals with collection of revenue, receipts and expenditure of the University headed by the Finance Officer. The section is responsible for preparation of budget estimates, review of receipts and expenditures, financial investment and overall upkeep of the financial health of the University under the guidance of the Finance Committee. The details of the Finance and Accounts are also covered in the Chapter 5: Infrastructure and Learning Resources of this report.

1.7 Enterprise Resource Planning

In an effort to computerize all operations of the University, various activities have been automated and integrated. With the help of SAMARTH portal the university has planned to integrate different activities from admission to education under one platform.

CHAPTER - 2

Curriculum Planning, Design and Development

2.1 Introduction

The Central University of Jharkhand develops its academic programmes through its 09 Schools and 24 Departments, which are responsible for planning, designing, developing and coordinating the academic programmes and courses offered by the University. Each School has a School Board and a Board of Studies for Departments that oversees the academic activities of the School and Departments respectively.

The academic programmes are designed and developed by the faculty in active collaboration with the eminent experts from all over the country. The process of development of academic programmes at CUJ is quite intensive, so as to prepare quality study modules.

The Academic Programmes of the Central University of Jharkhand started in the first week of August, 2009 at the temporary campus at Brambe, Ranchi. The planning and establishment of the programmes have been made on the basis of relevance and demand at the:

- I. Regional Level
- II. National Level
- III. International Level

The University offers a Choice Based Credit System. The examination pattern is Semester based with a continuous evaluation system (Sessional). All the major academic programmes are Post-Graduate level.

2.2 Academic Programme Development Procedure

The academic programme is a team work with expertise and knowledge in relevant discipline, language/ contents editing, instructional designers, print technology experts, and educational technology experts and requires lot of pre-planning. The development of academic programmes is carried out in phased manner. Designing of academic programmes at each phase requires approval of Statutory Bodies of the Universities. Need Assessment Study is an integral component of design at conceptual stage to ensure that development of programme should have wider consultancy and programme would fulfill education and training needs of target group. Various stages of development are reflected in the following table:

Table 2.1: Level-wise and School-wise distribution of Academic programmes and Student Intake 2021-22

Name of Department	Research	Master	Bachelor
<i>School of Mass Communication and Media Technology</i>			
Mass Communication			
<i>Social category wise</i>	3	20	
<i>Allotted category</i>	3	20	

<i>School of Management Science</i>			
Business Administration	1	40	
Commerce & Financial Studies		20	
<i>School of Natural Sciences</i>			
Mathematics		37	
Physics	1	38	
Chemistry	7	42	12
Life Sciences		41	
Computer Science & Technology	2	15	
<i>School of Languages</i>			
English Studies	4	26	26
Far East Languages			
Chinese		3	31
Korean			29
Hindi	2	10	
<i>School of Engineering and Technology</i>			
Nanoscience & Technology		10	
Energy Engineering		19	
Water Engineering and Management		24	
Transport Science & Technology		31	
<i>School for the Study of Culture</i>			
Tribal Studies		14	
Performing Arts			
Vocal Music		7	
Theatre Arts		7	
Contemporary and Tribal Customary Law			
<i>School of Natural Resource Management</i>			
Geoinformatics		20	
Environmental Sciences		20	
Geography		11	
<i>Humanities & Social Sciences</i>			
International Relations		14	
Political Science and Public Administration		8	
<i>School of Education</i>			
Education	8		96

2.3 Schools of the University

School of Mass Communication and Media Technologies

Department of Mass Communication is the only department which comes under this school.

Department of Mass Communication

Mission Statement: The School is committed to deliver excellence in media education, research and training with special focus on indigenous and regional needs. The School endeavors to produce media professionals with social commitment.

About the Department: Department of Mass Communication is one among, the four departments started with the inception of Central University of Jharkhand in 2009. It comes under the School of Mass Communication and Media Technologies. The Department offers Two Year MA and Ph.D. in Mass Communication.

School of Management Science

The School consists of two departments namely,

1. Department of Business Administration

Mission Statement: Our mission statement is to encourage critical thinking, that leads to a deeper understanding of management and develop world leaders whose ideas actions can change the world.

About the Department: The Department of Business Administration is presently offering a Two-year AICTE approved MBA programme and Ph.D. in Management & Economics along with customized short term executive development programs catering the needs of both industry and academics. Keeping in mind the requirements of industry Two-Year MBA program was launched in academic session 2017-18. The pedagogy adopted by the department does not restricts students to class room teaching only but also allows them to enrich their learning through industrial visits, case studies, role plays, leadership training and personality projects.

2. Department of Commerce and Financial Studies

Mission Statement: To develop into a Centre of Excellence in Commerce Education while stimulating young minds with holistic development, building integrity, moral and ethical uprightness, with the right set of knowledge so as to make them employable and to prepare them for the society at large.

About the Department: The Department of Commerce and Financial Studies (DCFS) was formally set up as a separate department in the year 2019. The department is in School of Management Science (SMS) of the University. It was established to offer Ph.D. programme in Commerce and 2 years post-graduate programme- Master of Commerce (M.Com.) in the beginning and B.Com (Hons) and B.Voc. programmes in future. The faculty members and scholars have regularly contributed their research work in Scopus/ UGC-CARE Journals and conferences organized by institutions of repute such as IIM, Jamia Milia Islamia, University of Delhi etc. During last three years faculties and scholars of DCFS have published more than 26 papers in Scopus/ UGC-CARE Journals and book chapters.

School of Natural Sciences

The School consists of five departments namely,

1. Department of Mathematics

Mission Statement: To advance the logical, analytical thinking and development of scientific practice with applications among the students so that they can flourish themselves in areas of Pure and Applied Mathematics, Financial mathematics, Computer Science, Scientific Computing, Statistical Methods, Information Technology and Actuarial Science etc. To produce Mathematics scholars for management and operational research studies also for large corporations and leading manufacturing enterprises. The department also committed to produce most brilliant brains in academics.

About the Department: The Department of Mathematics (as Centre for Applied Mathematics) was started in July 2009 under the School of Natural Sciences of Central University of Jharkhand. This department is first in Jharkhand to offer 5 years' integrated M.Sc. programs in Applied Mathematics. It has started M. Sc. Program in Mathematics since 2017. It also offers PhD. program in Mathematics and allied subjects since the year 2013.

2. Department of Physics

Mission Statement: To conduct high quality research leading to the discovery of new scientific truths for the benefit of living things in the worldwide. Physics is the foundation of all the natural sciences and the most advanced as well as dynamically changing discipline in the natural sciences. Studies of physics are explicating all kinds of materials and their properties from elementary to complex on the subatomic to the cosmic level. Furthermore, the physics is serving to widen human knowledge by generating new general concepts connecting diverse objects of study, such as information and energy, individual and collective dynamics of elements.

About the Department: The Department of Physics (formerly known as Centre for Applied Physics) was established in 2010 under the School of Natural Sciences. It is located on the scenic campus of the Central University of Jharkhand, Ranchi. The Department of Physics started its activity in 2010 and there is no looking back since then. Headed by several sincere faculty members, the department today is an active beehive of research being carried out in a wide variety of frontier areas as well as high quality post-graduate and doctoral programmes. The department currently offers various academic programmes including the two-year M.Sc. in Physics, and Ph.D in different areas of physics, through CUCET. The candidate with NET/GATE can get entry at the Ph.D level also.

3. Department of Chemistry

Mission Statement: The Vision of the Department of Chemistry is the Vision of Central University of Jharkhand, i.e., To develop, enlightened citizenship of a knowledge society for peace and prosperity of individuals, nation and the world, through promotion of innovation, creative endeavors and scholarly inquiry. Hence, the Department of Chemistry Vision and Mission align with the University vision and the aim of the Department to be the source of knowledge and center of training that imparts a sound foundation in chemical sciences with strong inter and trans-disciplinary academics and research imparting originality and innovation in

contemporary and futuristic chemical themes in the line of implementation of National Education Policy – 2020.

About the Department: The Department of Chemistry was started in July 2010 in the name of Centre for Applied Chemistry under the School of Natural Science, which offers five years integrated M.Sc. programme in Applied Chemistry. Currently Department of Chemistry is offering 2 Years M.Sc. Course and 3 Years B.Sc. course and 4 Years B.Sc. in the Department as per NEP-2020 (with reference to discussion made in Academic council), and hence we have 5 academic batches including Ph.D. Batch. The Department is facilitating high quality laboratories with state of the art research facilities and equipments such as FTIR, Fluorescence Spectrophotometer, Ion-analyzer, etc, that will enable modern approach and solution to problems in chemistry and chemical industry. The Department has also started Ph.D. programme to carry out research in cutting edge areas, both of basic and applied nature, on par with international standards and thereby educate and train Ph.D. students to become world class scientists.

4. Department of Life Science

Mission Statement: To serve the academic community and public at large through its outreach initiatives like basic and translational research in the field of food security, sustainable environmental development and health care.

About the Department: The Department of Life Sciences was established as Centre for Life Sciences in July 2010, under the School of Natural Sciences and offers, PhD, and 2-years MSc program in Life Sciences. The Intake capacity in M.Sc. program is 44. The department is committed to the vision of the Central University of Jharkhand, i.e. “to create a world class facility in every aspect, be it research, teaching, administration or co-curricular activities to produce world class students ready to excel in any chosen field with honour and uprightness”. The future plans of this centre include extensive interdisciplinary research programmes by students and faculties in various areas of Life Sciences. The Department’s main endeavour would be to achieve excellence in teaching and learning by research. The Department shall promote collaborative activities at national and international level. The Department of Life Sciences is committed to serving the academic community and public at large through its outreach initiatives like basic and translational research in the field of food security, sustainable environmental development and health care.

5. Department of Computer Science & Technology

Mission Statement: To create a lively environment for the students and faculty for personal and professional growth with high technical competencies and ethical standards. To continuously upgrade the curriculum and laboratory facilities to train the students in the cutting edge technology for better employability. To involve the students in individual as well as team projects for solving challenging problems in Computer Science, Computer Engineering and IT related applications. To create a center of excellence on frontier areas of research. To facilitate consultancy work by

the faculty for industry and the public sectors. To cater the need of computer awareness and to digitally empower the weaker section of the society.

About the Department: Department of Computer Science and Technology is at the heart of the central university of Jharkhand, preparing graduates for career leadership; taking up interdisciplinary research in academia and high technology industry responsibilities alike.

Currently the department favors the intake of students in its M.Tech (CST) course offering a healthy environment for enabling graduates towards a path they prefer furnishing ample opportunities both in academia and industry. Full time Ph.D positions are pursued by high quality individuals with a motivation for change and progress through their future contributions in the area of computer science as a whole with its applications so diverse and inherent essential. From the year 2022/23 the department would welcome the intake for 6 years integrated B.Tech(CSE) and M.Tech.(CSE) with specialization in Artificial Intelligence and Machine Learning.

School of Languages

The School consists of three departments namely,

1. Department of English Studies

Mission Statement: The Department envisions creating a world-class environment for teaching and learning of English literature and language. It aims to foster, enable, and help students build knowledge of the course-content. Students also learn different methods of literary studies, language studies, and English language teaching. Further, the Department strives to stimulate and develop the imagination and critical thinking of the students through teaching and research. The department aims to be a centre for academic excellence and high-quality research.

About the Department: The Department of English Studies came into being with the inception of the Central University of Jharkhand and its first academic programme began in the session 2009-10. Ever since, the Department has emerged as a major centre for the teaching and learning of English literature and language. The Department offers B.A., M.A., and Ph. D. programmes in English.

2. Department of Far East Languages

Mission Statement: The Department of Far East Languages envisages for producing language professionals by imparting world class education in foreign languages and culture with the aim to become a center of excellence in this field and serve the needs of the society at large.

About the Department: The Department is established under the aegis of School of Languages, Central University of Jharkhand. This department was established in 2012. Chinese, Korean and Tibetan language, literature and culture are studies under this department. The department is one of the largest academic centres for the study of Chinese language, Korean language and Tibetan language, literature and culture in Eastern India. The department runs five-year Postgraduate (undergraduate and

postgraduate) programmes in Chinese and Korean languages and two years postgraduate programmes in Tibetan language. Ph.D. programme in Tibetan language and literature is also run here. This department is known for 100% placement in Central University of Jharkhand.

3. Department of Hindi

Mission Statement: The department aims to develop and grow its students and scholars with great humanitarian value of literature and society. Besides scholarly knowledge the department's mission is to link up the course with day-to-day employment perspective. Literary research, language pedagogy, translation, foreign Hindi teaching, script writing, proof reading, theatre and media studies are few noted areas of our departmental domain.

About the Department: The Department of Hindi was established in the year 2018 with a wide vision to integrate, develop and inculcate the rich ethos and culture of Indian Language and Literature. Hindi is the most widely spoken language in the Indian Sub-continent and across the globe its speakers are increasing. The popularity and fame of Hindi in the Indian diaspora undoubtedly presents a beautiful picturesque of India.

School of Engineering and Technology

The School consists of four departments namely,

1. Department of Nanoscience and Technology

Mission Statement: The mission of the Department of Nanoscience and Technology is to distillate and develop world class research under a single roof and support the researchers, industries and national laboratories who are working in the area of Nanoscience and Nanotechnology.

About the Department: The Centre for Nanotechnology was established in July 2010 under the School of Engineering and Technology. The Centre started with offering the Integrated M. Tech. program in Nanotechnology during 2009 as suggested by the advisory board. The Doctoral level programme in Nanotechnology has been started from academic session 2014-15 and the M. Tech. program in Nanotechnology has also been started from academic session 2017-2018. Remembering the inherent interdisciplinary nature of Nanotechnology, the "centre for Nanotechnology" has been renamed as "Department of Nanoscience and Technology" in 2018.

2. Department of Energy Engineering

Mission Statement: Energy, the elixir of human existence and fuel for the development of a Nation, being consumed at faster rate than ever, consequently, leading to both depletion of fossil-fuel based resources and deterioration of global environment, calls for a concerted effort to develop different/diverse sustainable energy technologies like solar and its derivatives; to evolve efficient energy technology strategies; to implement the best energy conservation practices; and to produce highly skilled manpower in the field of Energy Engineering through world class teaching and research resources and infrastructure.

About the Department: The Department of Energy Engineering (DEE), earlier known as Centre for energy Engineering, came into existence in July 2011 under the school of Engineering and Technology. The department is committed to the mission and goals of the University for not only Teaching and Research but also overall development of the region and the country by emphasizing on the need of renewable energy technologies and their applications for the common masses. The Centre of Excellence in Green and Efficient Energy Technology to be established with funding under FAST scheme of Ministry of Human Resources and Development, Government of India is a step in that direction. The department has already signed/ taken initiative to sign MoU with a few specialized national/ international level organizations/institutions working in the field of energy.

3. Department of Water Engineering and Management

MissionStatement: To develop human resource potential in technology to its greatest extent so that innovative leaders can emerge in the profession of water engineering and management. To create new technology by engaging in cutting edge research and to promote academic growth by offering state-of-the-art integrated postgraduate and doctoral programmes. To identify and address the relevant water related issues at Regional, National and Global level. To undertake collaborative projects with National and International organization and provide consultancy.

About the Department: The Center for Water Engineering & Management came into existence in July 2010 under the School of Natural Resource Management. The Centre is committed to the mission and goals of the University not only for Teaching and Research but also for preparing and developing the Regional, State and National level government to face the challenges in the field of water management. The Centre is under the process of developing new high quality research facility on Water Engineering and highly skilled manpower. We create an environment which promotes innovative growth of ideas, intensive interactions and co-operations at all level.

4. Department of Transport Science and Technology

MissionStatement: To create a healthy environment to attract student and highly reputed faculty for personal and professional development with high ethical and moral values. To cultivate a sense of importance of environment in the transportational and technological development in the nation. A continuous upgradation of the syllabi and laboratory to train the students in latest development in the field of engineering and technology for better employment. To motivate the faculty to facilitate consultancy work for industry and public sectors.

About the Department: The Department of Transport Science and Technology has been started in the year 2019 under the school of Engineering & Technology. Initially it offered only 2 year M.Tech. in Transport Science and Technology with the intake of 22 students. The department is going to offers Ph.D. program in Transport Science and Technology from upcoming session of 2020-21. The sole motto of the Department is to be a center of excellence in the field of Transport Science and

Technology. It will always go for providing a world class research facility and will always be committed for an overall educational development of the students. It is also committed to have industrial cooperation, taking care of the future of students as well as of the Department.

School for the Study of Culture

The School consists of three departments namely,

1. Department of Tribal Studies

Mission Statement: The Department being the part of school envisions a Culture Studies encompassing the folklore, society and culture of human kind with a special focus on Indigenous and Tribal People of India and the world. The Department emphasizes field based training which attempts to critically engage with contemporary issues of practical significance like folklore, socio-economic development, environmental challenges, language enrichment and cultural resource management, etc.

About the Department: Department of Tribal Studies is an interdisciplinary department and established in the year 2018 by merging two Centers- Centre for Indigenous Culture Studies (established in the year 2010) and Centre for Tribal Folklore, Language and Literature (established in the year 2013). Since 2018, this department offered MA programme in the “Anthropology and Tribal Studies”, and “MA in Folklore”. The Ph.D program was continuing since 2012.

2. Department of Performing Arts

Mission Statement: Develop and promote a Centre for Excellence. Build a rich Socio-Cultural heritage of performance skills. Promote research-based Art Practices and a Cultural Network. Engage in a process-oriented and Multidisciplinary Approach. Create an interactive and interdisciplinary approach where traditional art practices will be analysed and adapted into the contemporary socio-cultural contexts.

About the Department: Started in June 2013 earlier known as Centre for Music and Performing Arts, under the School for the Study of Culture. It started offering Bachelor of Performing Arts (BPA) Music/Theatre Arts from 2013 till 2016. Presently Department offers only

Area of research

- Focus on analytical, creative, and intuitive understanding to strengthen the existing PG and PhD programmes.
- To start a Bachelors of Performing Arts Programme as per the NEP 2020.
- Emphasize Digital Technology in Arts-in-Education, Arts Management and Community Arts Therapy.
- Strengthen research programmes to develop global resources with a special focus on Jharkhand.
- Develop active outreach programmes through workshops and online courses.
- Set up State of Art studios to teach & train the latest technologies of Theatre Arts, Music.

Provide an education for the greater University community through appreciation and performances and enrich the cultural and educational life of the campus, city, state, and region.

3. Department of Contemporary and Tribal Customary Law

MissionStatement: To provide intricacies and insight about the culture of tribal people(s), their philosophy of life and prevailing customary practices. To develop an interdisciplinary perspective on the study of tribal people by introducing concepts and debates on their governance, development and administration within the national and global framework, emanating from the disciplines of anthropology, sociology, political science, Political Science and Public Administration, economics and law. To train students for multifaceted research in issues concerning tribal people.

About the Department: In August 2012, established the Centre for Tribal and Customary Law. It holds the prestige of being the first Centre in India dedicated exclusively for research and teaching concerning customary laws, legal and governance aspects of tribal people of India. The academic programmes started in the Centre from 2013, comprising of M.A., LL.M. and Ph.D. courses. On 20th April 2018, the Centre for Tribal and Customary Law was renamed as the Department of Contemporary and Tribal Customary Law, and till date it continues to be known by this name.

School of Natural Resources Management

The School consists of two departments namely,

1. Department of Geoinformatics

MissionStatement: The Department of Geoinformatics started functioning in January 2012, under the School of Natural Resource Management with a mission to provide education in the field of Geoinformatics for resource management aiming towards policy formulation, sustainable development of the society and the environment.

About the Department: The Department of Geoinformatics was established in January 2012, under the School of Natural Resource Management. Initially, it was known as the Centre for Land Resource Management, which was later renamed as the Department of Land Resource Management and eventually it is now called the Department of Geoinformatics. Currently, the Department offers PG and Ph. D. course in Geoinformatics. The Department is equipped with basic and state of art equipments, which includes Workstations, a Server, DGPS, Handheld GPS, Mobile Mapper, Soil Moisture Meter (TDR), Chlorophyll Meter, a Forestry Pro Ranger, an Infrared Gun, Soil Compaction Meter, Surveying instruments, camera, Scanners, plotters as well as various GIS and Image Processing software viz., Geomatica, MAPINFO, IGIS, ArcGIS, ENVI, ERDAS Imagine, AutoCAD and eCognition. The department has active academic and research collaboration with the Indian Space Research Organization (ISRO), DST, DBT, IORA Ecological Solution Limited, Columbia University, New York, and various other academic/ research institutions of national and international repute.

2. Department of Environmental Sciences

MissionStatement: Diversified interest in various earth, atmospheric and biological processes to understand the linkage between ecological and social processes to attain a more sustainable environment. To understand the complex interactions between different components of the environment to determine its impacts on livelihood security, climate change mitigation and adaptation through green technologies and associated ecosystem services in the immediate and long-term perspective.

About the Department: The Department of Environmental Sciences is established in July 2012 with the objective of disseminating knowledge on current regional and global environmental issues. Presently, the department is offering Ph. D., M. Sc. in Environmental Sciences. The State of Jharkhand is known for its greenery, coal, ores and steel. Therefore, the department emphasizes in teaching on its natural resources, different contemporary problems of conservation of nature and environmental quality.

3. Department of Geography

MissionStatement: The Department of Geography started functioning in January 2020, under the School of Natural Resource Management with a mission to provide education in the field of Physical and Human Geography using advanced remote sensing & GIS techniques for resource management aiming towards policy formulation, sustainable development of the society and the environment.

About the Department: Department of Geography is one of the newly started departments in the University, and therefore it's in the evolutionary stage. The department started its academic session in 2020 with 19 students and 4 Faculties. Department offers a vibrant academic syllabus incorporating art, science and technology with focusing on socio-cultural elements. Department will engage in Academic and Research activities with collaborating National eminent research and academic organizations such as DST, ISRO, MoES, IITs, NITs, Universities, etc. The department is also planning to host the International and National Conferences, workshops, training programs to develop a knowledge oriented vibrance in the University. The integrated B.Sc., M.Sc. programme will begin from the coming semester in the department of Geography. In coming years, the department will also start the Ph.D. program as well.

School of Humanities and Social Sciences

The School consists of two departments namely,

1. Department of International Relations

MissionStatement: The vision of the Department is to improve the standard of knowledge dissemination and knowledge creation to match the world-class benchmark. The Department shall endeavor to achieve recognition for excellence in teaching and academic activities as well as research programmes, entailing innovation which shall attract best of the students for the study of Politics and International Relations.

About the Department: The Department of International Relations in the University was established in 2012 as Centre for International Relations. The nomenclature was changed in February 2018. It offered 5-year Integrated M.A. course till 2016-2017 session. The Department has been offering Two-Year “MA in Political Science with Specialization in International Relations” since 2017-2018. At present, Department is offering M.A. in Political Science with Specialization in International Relations and Ph.D. Research Programme since 2015. This department is dedicated to the cause of academics and research since its inception with highly motivated teachers. It has been promoting teaching skills and research to address the emerging dimensions of bilateral and multilateral relations; area studies and politics of South Asia, Central Asia, South East Asia, West Asia, and Indo-Pacific. The Department is committed to provide a new vision, new directions, new ways and devoted to academic activities, towards making its USP that shall attract students and benchmark for other universities. The Department endeavors to teaching and learning in both the mediums of English and Hindi languages.

2. Department of Political Science and Public Administration

Mission Statement: The mission of the department is to provide students and research scholars of the Department with knowledge and skill which shall empower them to excel in increasingly globalized world. To embrace the students with the latest developments in the discipline and enable them to acquire substantive knowledge of institutions and processes of government that shape politics within and among nations. It also relates class room instructions to the political processes outside the class, and contribute to knowledge-building through commitment to equity, inclusiveness, diversity and concern for the environment. It also endeavors to make students understand the boundaries of the discipline and its interface with other disciplines with an interdisciplinary approach.

About the Department: Department of Political Science and Public Administration (DPSPA) established within the School of Humanities and Social Sciences (SHSS) in the year 2020. DPSPA started functioning with Two-Year MA Degree Program in Public Administration in the same year. As a new department, the growth is visualized with the progress of the discipline of Political Science from a narrow body of legal and institutional knowledge to more comprehensive social sciences that integrates and interrogates sociological, economic, philosophical and cultural dimensions and therefore plans to relate to a purposive study of politics keeping the Indian political reality in focus.

School of Education

The School consists of only one department namely,

1. Department of Education

Mission: To prepare learner-sensitive teachers with the knowledge, skills and dispositions to contribute to a better society. To develop competence to act not only as a leader of the children but also as a guide of the community and as a liaison between school and the community. To offer courses to the students for enhancing professionalism, humanism and social responsibility through quality education.

About the Department: The Department of Education was established in the academic year 2013-14. Initially 4 years integrated B.A.B.Ed. and B.Sc.B.Ed. programmes was offered by the department and later on 2-year B.Ed. and Ph.D. in Education programmes were also started in the year 2015-16 and 2018-19 respectively. The department conduct its curricular and co-curricular activities through excellence to make quality education accessible and affordable. The curriculum of all courses includes variety of value-added programmes to prepare professional and competent educationists. The department believes that true excellence in education requires a commitment to equity and social justice. Thus, the main aim of the department is to prepare creative, culturally competent and critically reflective teachers who possess deep knowledge in their fields and work collaboratively to achieve high quality education for all.

2.4 Academic Flexibility

The University promotes student centric learning through flexible entry and interactive formats for instructional resources and academic support through Information and Communication Technologies (ICTs). The University adapted diversified multi-channel delivery approach to enhance flexibility, i.e. digital, online, SWAYAM and DTH SWAYAM PRABHA to fit into preference and learning approach of the individual student.

2.5 Curriculum Enrichment

The University has the system of Board of Studies and School Board to look after the curriculum enrichment and syllabus development. The Board of Studies and School Board have the structure of intimating professors of national stature and international repute to participate and give input on the syllabus development. The University has the provision for industry representative in the Board of Studies/School Board and student representative in the Academic Council.

2.6 Initiative to Enrich the Curriculum

All the departments conduct Board of Studies and School Board from time to time for the curriculum enrichment. The proposed curriculum passed by the department was then rectified by Academic Council and Executive Councils. The last Academic Council passed the adoption of NEP-2020 for the whole university which is in consonance with the national vision for creating inclusive education environment for all as per their requirement.

2.7 Feedback System

The University has instrumented multichannel feedback system to ensure immediate remedy to student's queries and maximum satisfaction. The feedback is obtained through e-mail, social media tools and in person. All units engaged in delivery of student support are also engaged in collection of feedback. Feedback form from students is directly obtained by Dean, Academic Affairs.

CHAPTER - 3

Teaching – Learning and Evaluation

3.1 Teaching – Learning

During the pandemic, the teaching-learning took place through online medium. Till lockdown, research and laboratory was halted, but after that in collaboration with other reputed institutes in the city of their researchers where they were established, the laboratory work was conducted.

Evaluation

At Central University of Jharkhand, the performance of the students is evaluated through a two-tier mechanism of evaluation:

- Continuous evaluation, through any combination of theory-based assignments, practical assignments, project work, log books and written examinations as per requirements of the curriculum of the academic programme. This comprises of three 20 marks sessional exams during the semester for each paper; out of which best two marks are calculated in the final scorecard; and
- Summative evaluation through Semester End Examinations (SEE) held twice a year, in the months June and December. In some of the Post Graduate programmes with a project component, the evaluation process also includes a viva-voce and presentations. Similarly, courses with practical component have summative practical examination.
- The marking scheme for the final examinations is 60 marks semester end examination and 40 marks from the internal evaluation (continuous evaluation).

3.2 Enrolment

• Level – Bachelor

UG Programme	Total Seat	Vacant Seats	Admitted	Category												Domicile Status			
				UR		OBC		SC		ST		EWS		PWDs		Within the State		Outside the State	
				Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Bachelors of Arts – Korean (Hon's)	31	0	31	10	7	7	2	0	0	1	1	1	2	0	0	4	4	15	8
Bachelors of Arts – Chinese (Hon's)	31	1	30	10	4	6	2	3	1	0	1	1	2	0	0	2	3	18	7
Bachelors of Science - Chemistry	31	18	13	4	6	1	0	1	0	0	1	0	0	0	0	0	2	6	5
Bachelors of Arts - English	31	3	28	9	7	4	4	0	1	0	1	1	1	0	0	3	7	11	7
B.Ed.	100	1	99	18	23	16	10	6	8	2	6	3	7	2	1	15	14	30	40
Total	224	23	201	51	47	34	18	10	10	3	10	6	12	2	1	24	30	80	67

- Level – Masters

PG Programme	Total Seat	Vacant Seats	Admitted	Category										Domicile Status							
				UR		OBC		SC		ST		EWS		PwDs		Within the State		Outside the State			
				Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female		
M.Tech Nanoscience & Technology	31	21	10	8	1	1	0	0	0	0	0	0	0	0	0	0	0	5	1	4	0
M.Tech Energy Engineering	31	12	19	13	1	1	0	1	0	2	0	1	0	0	0	10	1	8	0		
M.Tech Water Engineering & Management	31	7	24	11	3	6	0	4	0	0	0	0	0	1	0	11	1	10	2		
M.Tech. Computer Science & Technology	31	14	17	8	7	0	0	0	0	0	1	1	0	0	1	5	5	4	3		
M.Tech. Transport Science & Technology	31	0	31	14	1	8	1	2	0	2	0	3	0	0	0	7	0	22	2		
M.B.A. Business Administration	66	4	62	24	15	6	6	1	3	0	2	4	1	0	0	13	14	22	13		
M.A. Public Administration	31	21	10	8	2	0	0	0	0	0	0	0	0	0	0	0	2	2	6		
M.A./M.Sc. Geography	31	17	14	6	8	0	0	0	0	0	0	0	0	0	0	1	1	5	7		
M.Sc. Environmental Sciences	31	8	23	4	10	2	4	1	2	0	0	0	0	0	0	2	8	5	8		
M.P.A. Theatre Arts	14	6	8	8	0	0	0	0	0	0	0	0	0	0	0	4	0	4	0		
M.P.A. Vocal Music	14	7	7	2	5	0	0	0	0	0	0	0	0	0	0	2	3	0	2		
M.Sc. Life Sciences	43	2	41	2	17	5	6	1	4	1	2	1	2	0	0	0	6	10	25		
M.A. Folklore	14	10	4	0	3	1	0	0	0	0	0	0	0	0	0	0	1	1	2		
MA. Anthropology & Tribal Studies	14	5	9	2	4	2	0	0	0	1	0	0	0	0	0	3	2	2	2		
M.Sc. Physics	43	4	39	15	4	7	3	1	2	3	0	4	0	0	0	3	0	27	9		
M.Sc. Geoinformatics	31	8	23	10	6	4	0	2	0	1	0	0	0	0	0	3	0	14	6		
M.Sc. Chemistry	43	1	42	13	6	3	7	2	4	1	2	4	0	0	0	2	1	21	18		
M.A. Mass Communication	43	22	21	6	9	2	2	0	2	0	0	0	0	0	0	5	4	3	9		
MA. Political Sciences with specialization in International Relations	31	15	16	7	5	1	1	0	0	1	1	0	0	0	0	3	4	6	3		
M.A. English	43	13	30	7	14	2	2	0	1	1	1	2	0	0	0	7	10	5	8		
M.A. Hindi	21	8	13	5	3	1	2	1	0	0	1	0	0	0	0	3	1	4	5		
M.Sc. Mathematics	43	6	37	10	8	9	4	3	1	1	0	0	1	1	0	2	2	21	12		
M.Com. (Commerce)	40	18	22	7	9	1	2	1	0	0	1	1	0	0	0	0	6	10	6		
L.L.M. (specialization in Tribal and Customary Law/Human Rights)	21	0	21	9	2	5	0	2	1	0	0	2	0	0	0	4	1	14	2		
M.S.W. (Social work with specialization in Tribal Welfare & Justice)	21	11	10	5	5	0	0	0	0	0	0	0	0	0	0	2	1	3	4		
M.A. Tibetan	7	4	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1		
Total	800	244	556	206	149	67	40	22	20	14	11	23	4	2	1	97	75	229	155		

● Level – Ph.D.

PG Programme	Total Seat	Vacant Seats	Admitted	Category												Domicile Status			
				UR		OBC		SC		ST		EWS		PWDs		Within the State		Outside the State	
				Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Ph.D. in Tibetan Language and Culture	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph.D. in Contemporary and Tribal Customary Law	5	1	4	1	1	0	1	1	0	0	0	0	0	0	0	1	1	1	1
Ph.D. in Transport Science & Technology	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph.D. in Computer Science & Technology	6	4	2	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	
Ph.D. in Commerce & Financial Studies	8	2	6	0	2	0	2	0	1	0	0	0	1	0	0	0	4	0	2
Ph.D. in Mathematics	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph.D. in Management	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph.D. in Water Engineering & Management	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph.D. in Hindi	2	0	2	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Ph.D. in English	4	0	4	0	2	0	0	1	0	0	0	0	1	0	0	1	1	1	2
Ph.D. in Politics & International Relations																			
Ph.D. in Mass Communication	3	0	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	2	1
Ph.D. in Chemistry	14	7	7	0	2	0	1	1	0	2	0	0	1	0	0	1	2	2	2
Ph.D. in Geoinformatics	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph.D. in Physics	14	13	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Ph.D. in Education	8	0	8	0	3	1	1	1	1	0	0	1	0	1	0	1	0	2	5
Ph.D. in Nanoscience & Technology	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph.D. in Tribal Studies	4	3	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Ph.D. in Life Sciences	3	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Ph.D. in Music	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph.D. in Energy Engineering	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ph.D. in Environmental Sciences	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	105	66	39	5	14	2	6	4	2	2	0	1	3	1	0	5	10	9	15

3.3 Efforts for Reaching the Unreached

The vast student support network of the University extends the outreach of CUJ to the hitherto deprived rural, remote, socially and physically disabled segments of the population across the country, providing them access to quality and cost-effective higher education.

3.4 Catering to Student Diversity and Gender Distribution

The University has students from a diverse range, viz. rural, urban and tribal areas, the persons with disabilities and personnel from paramilitary forces. The University lays special emphasis on imparting higher education to women, minority communities, socially and economically disadvantaged groups, the north-east region and other tribal and low literacy areas of the country. The all India advertisements are put all over India through CUCET head office which helps in attracting students from all over India. Please refer to Table 2: Enrolment Distribution of session 2021-2022.

In the year 2021-22 total 757 students have been admitted in undergraduate as well as post-graduate programme. Among them 321 students (42.40%) are female and 436 students (57.60%) are male.

In Ph.D. 39 research scholars are admitted among them 25 scholars (64.10%) are female and 14 scholars (35.9%) are male.

In undergraduate-post graduate programme total 226 students belong to Jharkhand and 531 students are from outside Jharkhand. Also total 79 students from minority community have been admitted in the reporting year.

Catering to Urban/Rural/Tribal Population

The University ensures equal access of quality higher education across urban, rural and tribal areas. Good number of students from rural and tribal areas affirms commitment of the University for Democratization of higher education. Since the University itself is in the tribal area, its commitment to the courses catering to tribal issues is reflected in the courses being offered through Department of Tribal Studies and a Centre of Excellence catering to Endangered Language. Please refer to Table 2: Enrolment Distribution of session 2021-2022.

Reaching out to Learners from Socially Backward Categories

The University has taken several initiatives to improve participation of socially backward communities in higher education. Students from SC/ST category are provided reservation and fellowships as per the government of India rules and norms.

The university has also provided an online portal and mechanism to connect to the Jharkhand government fellowships for higher education for students from Socially Backward Categories.

The University ensures equal access of quality higher education across urban, rural and tribal areas. A large strength of students in rural and tribal areas expresses commitment of the University for Democratization of higher education. Please refer to Table 2: Enrolment Distribution of session 2021-2022.

Reaching out to Persons with Disabilities (PwD)

The University has constituted an Equal Opportunity Cell to look into the matter of PwDs. The administrative building in the permanent campus of Central University Jharkhand is equipped with ramps at the entrance and lift facility on all floors. The

other buildings are also in the process of getting the facilities. Please refer to Table 2: Enrolment Distribution of session 2021-2022.

Reaching out to the Employees

The University has the grievance redressal mechanism. For this different Grievance Cells are constituted for teaching and non-teaching employees. Apart from this, there are cells like Equal Opportunity Cell and OBC Cell, SC/ST Cell, Grievance Redressal Cell and Internal Complaints Committee to look into the matters concerning their issues.

Reaching out to Defence and Security Forces Personnel

The University as per the Government of India norms have put special quota during admissions for the wards of Defence and Security Forces Personnel. The University is also connected with the local Army and paramilitary bases through National Cadet Corps and from time to time it organizes events in collaboration with them. Please refer to Table 2: Enrolment Distribution of session 2021-2022.

3.5 Teaching – Learning Process

Community Radio

The University is in the process to establish Audio Visual Studio in the campus. The Community Radio Station will be utilized to disseminate knowledge and information in various disciplines and other related matters.

Academic Support

The University provides Open Access Library with Remote Access facility. All the faculties are provided a login for remote access of the library. Apart from this university has an access to Access to 7399 e-journals and E-Books: 576. Among the e-journals around 1632 journals from 10 Subject Collection of Science Direct is available. Rest of the journals are from (around 6267) were from JSTOR, Springer Link, Taylor & Francis, Oxford University Press, American Institute of Physics, American Physical society, Economic & Political Weekly. The University Library possesses a good collection of Reference/Text Books in all disciplines.

SWAYAM

Workshops were conducted to train faculties in developing the MOOC learning material. The University has established a MOOC development committee to look for the proposals from the faculties of the university.

WEBINARS

Webinars were organized during the reporting period for the students during the pandemic times for providing quality education from the quality experts.

Institutional Mechanism to provide academic counseling support

The University has the mentor-mentee programme where the students are put under the faculties of the department for guidance and counseling as and when they require. At the time of admission, one contact person from each department with his/her

contact details is provided to solve admission related queries and counsel them for the admission process.

During the last one year the pandemic affected the classroom teaching. But the University ensured teaching and learning through online mode. The University organized special training sessions for the faculties on using Google Classroom. In fact The University bought Google Classroom for all the faculties. Research scholars are also given official email id to access the library from remote area. Faculties were motivated to develop the Self Learning Material (SLM) for the students during pandemic times and those SLM's were put on the University website.

3.6 Teachers and Other Academic – Profile and Quality

The office of the Dean, Academic Affairs is engaged in managing affairs of Teachers and Academics and facilitating in formulation of policy on service matters of teachers and academics in accordance with the provisions of CUJ's Acts, Statutes and Ordinances and UGC Regulations.

Apart from the above, the office is also entrusted for various academic activities to support the faculty in performing their functions and design academic programmes.

The Research and Development Cell of the University, under the overall guidance and supervision of the Academic Council, is responsible for the planning, management, organization and monitoring of Research and Development programmes. Research activities of Ph.D. students are administratively managed by the R & D Cell.

The university also has an Internal Quality Assurance Cell to look into the matters of quality education and setting standards of practices for the overall development of the institution as per the NAAC standards.

Academic Programmes on offer through collaboration

The University collaborates with National and International agencies, State/Central Government and Non-Government organizations for design, development of academic programmes and dissemination of student support of these Academic Programmes.

Details of MoUs signed by the University during the reporting period: -

1. Central University of Jharkhand signed an MoU with the Tribal Development Department, Govt. of Uttar Pradesh in the field of Ethnographically analysis of the social, cultural and physical dimensions in context of particular vulnerable tribe groups (PVTGs) – Buxa and Raji.
2. Central University of Jharkhand signed an MoU with the Sarla Birla University, Ranchi in the field of research and extension in areas of mutual interest.
3. Central University of Jharkhand signed an MoU with the IIT (ISM), Dhanbad in the field of Faculty/Student exchange, joint research projects, joint graduate degree programme and academic activities.

3.7 Evaluation Process and Reforms

During the pandemic in order to cater to the needs of the students and ease the stress and pressure of online classes and lockdown, the university made available the exams through online mode. Even the time duration was lessened for better performance of the students.

Automation of Admission/Examination/Evaluation:

University adopted the Samarth Platform for complete automation of admission and examination evaluation purpose.

3.8 Convocation

The University has proposed to organize 2nd Convocation in the coming month of June–July 2022.

3.9 Student's Satisfaction Mechanism

All the students are shown their answer scripts after the evaluation process. Also from time to time the students are asked to fill the feedback form regarding the teaching and learning process. All the major bodies and Cells of the University have the student representation which includes Library Committee and Academic Council.

CHAPTER - 4

Research, Innovations and Extension

4.1 Policy for Promotion of Research

A Research and Development Cell is established in the University for coordinating Research Degree Programme (Ph.D.) of the University and works under the overall guidance of Academic Council. The Research Degree Programme, i.e., Doctor of Philosophy (Ph.D.) are offered and conducted by the University in accordance with UGC (Minimum Standards and Procedure for Award of Ph.D. Degree) Regulation, 2016 and amendments from time to time. In exercise of powers conferred by Section 28 (d) of Central Universities Act, 2009 read with Statutes 16 (3), University drafted Ph.D. Ordinance to conduct Research Degree Programme. Research studies leading to award of Degree of Doctor of Philosophy (Ph.D.) are organized and managed under guidance of Academic Council, Board of Studies, School Board, RAC and DRC.

Research Programmes (Ph.D.) are offered through full time regular mode. Research Units maintains a database of research scholars and liaison with other regulatory and statutory agencies; coordinates with departments/schools and other functions cells/sections concerning research Degree Programme: maintain records related to admission, registration, payment of fees, scholarship and issues certificates of compliance of norms and standards of regulatory bodies related to research degree programmes. Admission in Ph.D. programme is done by CUCET (Central University Common Entrance Test) followed by the personal interview. The Candidates for admission in Ph.D. are selected on the basis of their performance in Entrance Test and Interview.

The University offered Ph.D. in 22 disciplines in the reporting period under various departments/schools. The University provisionally admitted 39 Ph.D. Research Scholars in the reported period. A total number of ten (10) Research Scholars successfully completed their degrees in the reported period of 2021-22 as per the approval by the Academic Council.

4.2 Research Facilities for Teachers, Academics and Students

Indian Journal of Open Learning

The CUJ 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.

Salient Features:

- Open Access Library
- Reading room facility with seating capacity of up to 60 students at a time.
- Reference service
- Internet facility
- E-Resources

- Lending of Books
- Remote Access Facility
- 1 GB line to access e-resources
- Wi-Fi connectivity
- Scanner for Digitization
- Online Public Access Catalogue

Publications of Database

Behind the scenes of dynamic changes and quickly developing number of scholastic projects and students, it is fundamental for audit status of the framework and go to supportive of dynamic length every now and then for guaranteeing quality. It is in this manner, critical to have a solid information base on different elements of the University. Solid and applicable data set is the wellspring of significant data and navigation. This data set builds research proficiency since scientists will actually want to save time and assets on assortment of information. It will likewise forestall duplication of endeavors by empowering different specialists to utilize optional information instead of attempting to gathering and group the actual information.

Lab Based Research

The several departments of the university viz. Dept. of Physics, Dept. of Chemistry, Dept. of Life Sciences, Dept. of Computer Science & Technology, Dept. of Nanoscience & Technology, Dept. of Energy Engineering, etc. conduct Lab based research.

Fellowship for Students

The Research Unit facilitates award of research fellowships to research scholars, from various government agencies like ICSSR, UGC, ICHR and CSIR etc. Research Scholars (Ph.D.) of the University received different fellowships in the reported period. The listed of the student qualifying for the same are enlisted below:

School of Management Science

Business Administration

Sl.	Name of Student	GATE/SLET/NET/CTET	Regd. No.	Year
1.	Monu Lal Rajak	NET	19100402034	2021
2.	Kumar Saurav	NET	CUJ/I/2016/IMBA/20	2021
3.	Abhishek	NET - JRF	CUJ/I/2016/IMBA/19	2021
4.	Rakesh Kumar Rabidas	NET	CUJ/I/2016/IMBA/01	2021
5.	Palle Sadhik	NET	19100201004	2021
6.	Kundan Kumar	NET	CUJ/I/2016/IMBA/22	2021
7.	Heema Kumari	NET	CUJ/I/2016/IMBA/11	2021
8.	Sudhanshu Shekhar	NET	CUJ/I/2015/IMBA/35	2021
9.	Harpreet Sauria	NET	CUJ/I/2015/IMBA/12	2021

Commerce and Financial Studies

Sl.	Name of Student	GATE/SLET/NET/CTET	Regd. No.	Year
1.	Megha Rani Patel	JRF	JH01000950	2022

2.	Ratnesh Kumar Yadav	JRF	JH04008274	2022
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School of Natural Sciences

Mathematics

Sl.	Name of Student	GATE/SLET/NET/CTET	Regd. No.	Year
1.	Babita Mehta	GATE	MA21S56056204	2021
2.	Sarojini Mohaparta	GATE	MA21S56007323	2021
3.	Ritika Das	GATE	MA21S56040146	2021
4.	Subhashree Sahu	GATE	MA22S26422031	2022

Physics

Sl.	Name of Student	GATE/SLET/NET/CTET	Regd. No.	Year
1.	Saswati Suryasnata	Qualified GATE-2022	PH22S56407009	2022
2.	Arnab Das	Qualified GATE-2022	PH22S56512030	2022
3.	Tarini Prasad	Qualified GATE-2022	PH22S56419289	2022

Chemistry

Sl.	Name of Student	GATE/SLET/NET/CTET	Regd. No.	Year
1.	Rajendra Prasad	NET JRF	NTA Ref No. 201610125310	2021

Life Sciences

Sl.	Name of Student	GATE/SLET/NET/CTET	Regd. No.	Year
1.	Rajkumar Mandal	JRF/ NET	WB0102330006	2022
2.	Ankit Paul	GATE	XL22S66302210	2022
3.	Ranjana Kumari	GATE	XL22S66303313	2022
4.	Pervej Alam	GATE	XL22S66303339	2022
5.	Ila Rani	GATE	EY22S56304088	2022
6.	Arpan Dey	GATE	XL22S64007071	2022
7.	SuswapnaChel	GATE	XL22S66401173	2022
8.	Priyanka Pradhan	GATE	XL22S66425189	2022
9.	Supriya Alisha Tirkey	GATE	XL22S66303217	2022
10.	Tanya Kumari	GATE	XL22S64043361	2022

Computer Science & Technology

Sl.	Name of Student	GATE/SLET/NET/CTET	Regd. No.	Year
1.	Lalita Kumari	UGC-NET	210510317923	2022

School of Languages

English Studies

Sl.	Name of Student	GATE/SLET/NET/CTET	Regd. No.	Year
1	Monika Rani	GATE UGC-NET December 2020 & June 2021	XH22S46303033 210510281609	2022 2022
2	Arohi Gupta	UGC NET (NFOBC) JRF	210510783894	Dec. 2020 & June 2021
3	Snehal Sahay	UGC NET JRF	210510225327	2022

*School for the Study of Culture***Performing Arts**

Sl.	Name of Student	GATE/SLET/NET/CTET	Regd. No.	Year
1	Shekhar Prasoya(MPA-TA)	NET-NFSC	JH03000490	2020 & June 2021
2	Amarjeet Kumar	NET	BR04000997	2020 & June 2021
3	Raunak Kumar	NET	JH04009346	2020 & June 2021

*School of Natural Resource Management***Geoinformatics**

Sl.	Name of Student	GATE/SLET/NET/CTET	Regd. No.	Year
1.	Manali Santara	NET	19260201003	2021
2.	Shubham Bhattacharjee	GATE	GE22S85041050	2022
3.	Nishant Tiwari	GATE	GE22S88022066	2022
4.	Sandeep Kumar	GATE	GE22S84043070	2022
5.	Avinash Kumar Ranjan	GATE	GE22S86423029	2022

Geography

Sl.	Name of Student	GATE/SLET/NET/CTET	Regd. No.	Year
1.	Pankaj Kumar Yadav	UCG - NET	20340401006	2022
2.	Suryaprava Das	UCG - NET	20340401014	2022

*School of Education***Education**

Sl.	Name of Student	GATE/SLET/NET/CTET	Regd. No.	Year
1.	Aaryan Anand	CTET	241730790930779	Dec-2021
2.	Abhaya Kumar Das	CTET	212320058330270	Dec-2021
3.	Abhishek Kumar Singh	CTET	231730790930229	Dec-2021
4.	Archana Lakra	CTET	171730790930468	Dec-2021
5.	Baby Sibani Saha	CTET	162360487430166	Dec-2021
6.	Barsha Rani Patel	CTET	162360487430162	Dec-2021
7.	Bishal Topno	CTET	202350798430135	Dec-2021
8.	Chandan Kumar Sahu	CTET	161731063730147	Dec-2021
9.	Debasish Patra	CTET	161731666530351	Dec-2021
10.	Deepak Kumar Singh	CTET	271730790930807	Dec-2021
11.	Deepti Anshumala Xalxo	CTET	171730279020557	Dec-2021
12.	Gayatree Sahu	CTET	211730349330218	Dec-2021
13.	Hemanta Kumar Raut	CTET	202321669930056	Dec-2021
14.	Pratiksha Mohapatra	CTET	232320790830299	Dec-2021
15.	Pratikshya Rout	CTET	172320790830196	Dec-2021
16.	Pratyasha Pallavi Sethi	CTET	202300197130080	Dec-2021
17.	Priyadarshini Sahoo	CTET	162320058330002	Dec-2021
18.	Punit Prabhat Guria	CTET	241730790930559	Dec-2021
19.	Rajaram Patel	CTET	161731063730078	Dec-2021
20.	Reshma Kumari	CTET	221730832030555	Dec-2021
21.	Sachin Kumar	CTET	241730790930618	Dec-2021
22.	Saurabh Pathak	CTET	281730832030890	Dec-2021

23.	Shyamal Das	CTET	231730790930120	Dec-2021
24.	Somanath Nayak	CTET	161731666530134	Dec-2021
25.	Suresh Kumar Prusty	CTET	161730349330159	Dec-2021
26.	Tapaswinee Mahanta	CTET	172320257830061	Dec-2021
27.	Taruni Prava Nanda	CTET	172360487430054	Dec-2021
28.	Shyamali Mondal	NET	210510295295	12.03.2022
29.	Sumedha Mukherjee	NET (Education)	WB02003296	19.02.2022

4.3 Resources Mobilization for Research

Government and Non-Government Grants for Research

- **The University received grants for Research through several Government and Non-Government institutions in year 2021-22. The details regarding the Grants are as follows:**

School of Mass Communication and Media Technology

Mass Communication

Sl. No.	Name of the Project	Principal Investigator/ Co-Principal Investigator	Duration	Funding Agency	Fund Sanctioned
1.	Monograph writing Project	Dr. Sudarshan Yadav	6-9 months	NFAI, Pune	Rs. 30,000/-

School of Natural Sciences

Physics

Sl. No.	Name of the Project	Principal Investigator/ Co-Principal Investigator	Duration	Funding Agency	Fund Sanctioned
1.	Study of various entrance channel effects on the population of angular momentum values in incomplete fusion	Dr. Dharmendra Singh	2022-Present	UGC-DAE-CSR, Kolkata	15,08,52/-
2.	UGC-BSR Start-Up-Grant	Dr. Bhupendra Singh	3 Years	UGC	10 Lakh

Chemistry

Sl. No.	Name of the Project	Principal Investigator/ Co-Principal Investigator	Duration	Funding Agency	Fund Sanctioned
1.	Total synthesis of Illudalane Class of Natural products Possessing Antifungal, Antibacterial and Cytotoxic Properties	Dr. R. B. Singh	03Years	SERB, India	39,31,400/-

School of Languages

English Studies

Sl. No.	Name of the Project	Principal Investigator/ Co-Principal Investigator	Duration	Funding Agency	Fund Sanctioned
1.	Folk Medicines and Folk Treatment in the Tribal	Dr. Pragya Shukla	One year	ICSSR	5,00,000

Villages of Jharkhand During COVID 19: A Case Study				
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School of Engineering and Technology

Energy Engineering

Sl. No.	Name of the Project	Principal Investigator/ Co-Principal Investigator	Duration	Funding Agency	Fund Sanctioned
1.	“Performance analysis of novel Bismuth oxide based nanocomposite photocatalyst in multidimensional matrix”	Prof. S. K. Samdarshi	2022-25	UGC DAE CSR	15,00,000/-
2.	Development of Lead-free Perovskite solar cells with robust stability and highefficiency, in collaboration with Prof.Tsutomu Miyasaka, Toin University ofYokohama, Japan period: 2021-23	Dr. Basudev Pradhan	2021-23	Indo-Japan (DST-JSPS) joint research project	7,38,000/-
3.	Smart device for synchronous energyharvest and storage(CRG/2021/007016)	Dr. Basudev Pradhan	2021-23	SERB	49,24,240/-

School for the Study of Culture

Tribal Studies

Sl. No.	Name of the Project	Principal Investigator/ Co-Principal Investigator	Duration	Funding Agency	Fund Sanctioned
1.	Ethnographic Studies of PVTGs of Uttar Pradesh	Rajanikant Pandey	Six months	UPTDD	14.6 Lac

School of Natural Resource Management

Geoinformatics

Sl. No.	Name of the Project	Principal Investigator/ Co-Principal Investigator	Duration	Funding Agency	Fund Sanctioned
1.	Machine Learning based Global Terrestrial Gross Primary Productivity (GPP) Model Development	Prof. Uma B. Shankar & Dr. Bikash R. Parida,	3 Years	ISI Kolkata	Rs. 19.0 Lakh
2.	Permafrost destabilization induced mass wasting vulnerable zones	A.C Pandey, Bikash R. Parida, & C.S Dwivedi	3 Years March. 2022.	Funded by Indian Institute of	Rs. 39.2 Lakh

	modelling in higher Himalayan regions (Bhagirathi-Alaknanda Valley) Deep Learning techniques		Duration: 2022-2025	Remote Sensing (IIRS), ISRO's DMS.	
3.	Exploring the Role of Gram Panchayat in Community Based Disaster Management: A comparative study in Kerala and Odisha	Dr. Subrat Kumar Mishra & Dr. Kiran Jalem	1 Year	National Institute of Rural Development & Panchayati Raj (NIRDPR), Hyderabad	Sanctioned Rs. 8,82,500/- on 11 May 2021

4.4 Innovative Ecosystem

Monitoring of progress of research scholars

For monitoring the progress of the research scholars, Committee and Cell are developed in the university. They are as follows:

- Research Advisory Committee
- Departmental Advisory Committee
- Board of Studies
- Research and Development Cell
- Internal Quality Assurance Cell (IQAC)

Innovative Contents Developed

The faculties of the University develop content and publish it on different web sites like: e-PG Pathshala, MOOCs, Swayamprabha, Google Scholar, LinedIn, etc. The faculties are actively involved in content creation on the digital platform and it also adds up points to their profile.

4.5 Research Publication and Awards

School of Mass Communication and Media Technology

Mass Communication

Sl.	Name of Author (in order of contribution)	Title of the Paper / Name of Journal	Vol. / Page	Issue – Mth./Yr.	ISSN/ ISBN	Type of Impact Factor
1. Professor Dev Vrat Singh						
1.	P. Kumari and D. V. Singh	<i>Contextualizing Televised Ramayana: A Comparative Analysis of Characterization in Two Serials on Ramayana</i> , Mass Communicator, International Journal of Communication Studies (Peer-reviewed)	15 (2), pp. 13-19	April-June 2021	ISSN 0973-9688	

2.	D. V. Singh and N. Pandey	<i>Framing Disability in Contemporary Bollywood Cinema</i> , Communicator, A Journal of the Indian Institute of Mass Communication (Peer-reviewed and UGC-Care Listed)	LVI (1), pp.52-61	2021	ISSN 0588-8093	
3.	R. Kumar and D. V. Singh	<i>Academia-Industry Interface in Media Education: An Experience Survey of Media Educators and Industry Professionals in Eastern India</i> , Communicator, A Journal of the Indian Institute of Mass Communication (Peer-reviewed and UGC-Care Listed)	LVI (3), pp.36-45	2021	ISSN 0588-8093	
4.	Singh D. V.	झारखंड के आदिवासी समाज की लोक परंपराएं, पंचनद शोध पत्रिका (विशेषांक – हमारी लोक परंपराएं), पंचनद शोध संस्थान, पंचकुला	Volume XXIII, pp. 64-70	2021	ISSN 2347-7873	
2. Dr. Rajesh Kumar						
1.	R. Kumar and D. V. Singh	<i>Academia-Industry Interface in Media Education: An Experience Survey of Media Educators and Industry Professionals in Eastern India</i> , Communicator, A Journal of the Indian Institute of Mass Communication (Peer-reviewed and UGC-Care Listed)	LVI (3), pp.36-45	2021	ISSN 0588-8093	Indexed in UGC-Care Listed Journal
2.	R. Kumar, R. Verma and R. Sarma	<i>Journey of Jollywood: A Study in the Context of Nagpuri</i> , Sampriti	Vol. VII	September 2021	ISSN: 2454-3837	UGC-Care Listed Journal
3.	R. Kumar	Changing Media Landscape and Emerging Career Opportunities in Digital Media, Employment News, Publication Division, Ministry of Information & Broadcasting, Govt. of India		January 2022		
3. Dr. Sudarshan Yadav						
1.	Dr. Sudarshan Yadav & Shailja Tirkey	Authorial Signature in the Films of Bong Joon-Ho, International Journal for Social Development	Issue 09, 173-188	March 2021	ISSN. 2320-9283	peer-reviewed
2.	Dr. Sudarshan Yadav & Wrishav Roy	Analysis of Socio-Political Discourses in the Films of Srijit Mukherji, Journal of Advanced Research in Journalism and Mass Communication	Issue 08, 1-6	August 2021	ISSN: 2395-3810	peer-reviewed
3.	Dr. Sudarshan Yadav & Poonam	Science Education in Higher Secondary Schools (Infrastructural and Principal's Perspective), Modern Thamizh	Issue 09, 2425-2436	July 2021	ISSN: 2321-984X	UGC-Care Listed Journal

		Research (UGC CARE LISTED)				
4.	Dr. Sudarshan Yadav & Nity	Study of Mental Well-being among students of Central Universities of South India in a relation to their Social Media Usage and its influence on Mental Health, Modern Thamizh Research (UGC CARE LISTED)		Oct.-Dec. 2021	ISSN: 2321-984X	UGC-Care Listed Journal

School of Management Science

Business Administration

Sl.	Name of Author (in order of contribution)	Title of the Paper / Name of Journal	Vol. / Page	Issue – Mth./Yr	ISSN/ ISBN
1.	Deepak Jaiswal, Bhagwan Singh, Rishi Kant, Abhijeet Das	Towards Green Product Consumption: Effect Of Green Marketing Stimuli And Perceived Environmental Knowledge In Indian Consumer Market Society And Business Review	Vol 17 No. 1 Pg: 45-65 Scopus	January 2022	0000-0002-6377-0948
2.	Gouri Shankar Sharma Dr. Nagapavan Chintalapati	App Based Learning Platforms And Behavioral Intention Of Ug & Pg Students' Towards Usage	The Online Journal Of Distance Education And E-Learning (Ugc-Care Indexed)	July 2021/Volume 9/ Issue 3/ Pp 353-361	2147-6454
3.	Gouri Shankar Sharma Dr. Nagapavan Chintalapati	Self-Regulated Online Learning Self-Efficacy & Covid-19: A Higher Education Perspective	The Online Journal Of Distance Education And E-Learning (Ugc-Care Indexed)	January 2022/ Volume 10/ Issue 1/353-361	2147-6454
4.	Singh, S.K., Bhattacharya, R. & Bhatia, N.	Influence Of Spiritual Intelligence On Stress Handling Capability Of Senior Professionals, Iuj Journal Of Management	Vol. 9(1) Pp.161-173	June 2021	ISSN: 2347-5080
5.	Kumar, D. & Bhatia, N.	Analysing Influence Of Covid-19 On Indian Economy And Its Employee Market. Journal Of Advanced Research In Hr And Organizational Management	Vol. 8 (1 & 2) Pp.5-9	June 2021	ISSN: 2454-3268
6.	Dr. Pragyan Pushpanjali-Single Author	A Paper Titled “The Human Resource Management Practices In India And South Korea- A Comparative Study Of Chaebols Of South Korea And The Private Indian Family Business Organizations” Was Published In The UGC Care Listed Journal “Third Concept”,	Volume 35, No.420, Age 97-100.	February, 2022 Issue	0970 7247

Commerce and Financial Studies

Sl.	Name of Author (in order of contribution)	Title of the Paper / Name of Journal	Vol. / Page	Issue – Mth./Yr.	ISSN/ ISBN
1.	Satapathy, L. R., Singh, B., and Singh, K. B.	Comparative study on the carbon reduction outline of CDM projects approved by India/ <i>Shodh-Samhita-Journal of fundamental and comparative research</i>	Volume- IX, 13-24	Issue-III (III),	2277-7067
2.	Bhawnra, Samir Xavier and Singh, K.B.	Financial Inclusion of Tribal: A Micro Study of Simdega District./ <i>Shodh-Samhita: Journal of fundamental and Comparative Research</i>	Vol. No. IX, 60-76	Issue-4(1)	2277-7067
3.	Singh, Joshita and Singh K B.	Digitalization of India's Healthcare Ecosystem: Recent Transformation./ <i>Shodh-Samhita: Journal of fundamental and Comparative Research</i>	Vol. no. IX, 16-26	Issue-4(I)	2277-7067
4.	Gupta, Rajkamal and Singh, Bateshwar	Financial Literacy: Road to Financial Inclusion/ <i>Anvesak</i>	Vol. no.52, 174-180.	Issue-5(I)	0378-4568
5.	Singh, K. B. and Singh Joshita	Direct Benefit Transfer: Review of Current Status in India/ <i>Anvesak</i>	Vol. no.52, 166-173	Issue-5(I)	0378-4568
6.	Anjali Kumari and Devbrath.	Digitization & MSMEs in the state of Jharkhand/ / <i>Shodh-Samhita- Journal of fundamental and comparative research</i>	Vol. No. IX 27-35,	Issue-4 (I)	2277-7067

School of Natural Sciences

Mathematics

Sl.	Name of Author (in order of contribution)	Title of the Paper / Name of Journal	Vol. / Page	Issue – Mth./Yr.	ISSN/ ISBN	Impact Factor	Type of Impact Factor
1.	Dilchand Mahto and Jagmohan Tanti	Space of Invariant bilinear forms under representation of a group of order 8	51(2)/ 152-160	2021	2455-7463		UGC Care List
2.	Dilchand Mahto and Jagmohan Tanti	Space of Invariant bilinear forms under a representation of $SL_2(3)$	17(3)/29-44	2021	0972-7752		UGC Care List
3.	Dilchand Mahto and Jagmohan Tanti	The faithful representations of rigid motions of regular polygon	Accepted	2022 Expected	0025-5742	0.1	Scopus
4.	Kalika Prasad, Hrishikesh Mahato and Munesh Kumari	"On Generalized K-Horadam like sequences", Algebra, Analysis and Associated Topics"	Accepted				Scopus

5.	J Kumar, HD Singh, AK Prasad	A generalized Buchdahl model for compact stars in $f(R, T)$ gravity	100880	October 2021	2212-6864	4.243	SCI
6.	AK Prasad, J Kumar, HD Singh	Relativistic model for anisotropic spheres in $f(R, T)$ gravity via Karmarkar condition	168622	October 2021	0003-4916	2.73	SCI
7.	Amit Kumar Prasad, Jitendra Kumar, Ashok Kumar	Isotropic uncharged model with compactness and stable configurations	1-15	August 2021	2193-5351	1.21	Scopus
8.	Munesh Kumari, Jagmohan Tanti, and Kalika Prasad	On some new families of k -Mersenne and generalized k -Gaussian Mersenne numbers and their polynomials, Contributions to Discrete Mathematics	Accepted (02/2022)				SCIE
9.	Puja Bharti, Jitendra Kumar	Stellar model for anisotropic compact stars in Schwarzschild's Coordinates	104	October, 2021	2470-0029	5.296	SCI
10.	J. Kumar, H.D. Singh and A.K. Prasad	A generalized Buchdahl model for compact stars in $f(R, T)$ gravity	34/100880	2021	2212-6864	4.243	
11.	A.K. Prasad, J. Kumar and H.D. Singh	Relativistic model for anisotropic spheres in $f(R, T)$ gravity via Karmarkar condition	434 / 168622	2021	0003-4916	2.73	
12.	Shipra Kumari and Hrishikesh Mahato	On Construction of Hadamard Matrices/ AIP Conference Proceeding	Accepted	2022 Expected	1551-7616	UGC CARE LIST	
13.	Chandni Kumari and P. K. Parida	Study of semi-local convergence analysis of Chebyshev's method under new type majorant condition		2021			

Physics

Sl.	Name of Author (in order of contribution)	Title of the Paper / Name of Journal	Vol. / Page	Issue – Mth./Yr.	ISSN/ ISBN	Impact Factor	Type of Impact Factor
Prof. Sarang Medhekar							
1	SatchiKumari, Alok Kumar and SarangMedhekar	Slow light in rod type 2D photonic crystal waveguide comprising of cavity :optimization and analysis, Optik - International Journal	231 166438	4/(2021)	0030-4026	2.443	ISI

		for Light and Electron Optics					
2	Ram Krishna Sarkar, Anjan Biswas and Sarang Medhekar	Investigation of Coupled Self-Tapering / Self-Uptapering of Soliton Beams in Nonlinear Media, Optik - International Journal for Light and Electron Optics	232 166511.	4/(2021)	0030-4026	2.443	ISI
3	A. K. Mishra, Sarang Medhekar , J. Parashar, Mukesh Kumar,	Investigation of plasma cladded optical fiber for dynamic manipulations of its propagation properties, Optik - International Journal for Light and Electron Optics	232 166537	4/(2021)	0030-4026	2.443	ISI
4	A.K. Mishra, Sarang Medhekar , J. Parashar, Mukesh Kumar,	Dynamic control over group speed of light in plasma cladded optical fiber: An analytical approach, Results in Optics	4 100087	8/(2021)	2666-9501	--	--
Dr. Vineet Kumar Agotiya							
1.	V. K. Agotiya Siddhartha Solanki, Manohar Lal, Rishabh Sharma	The Dissociation Temperatures and Suppression Study of the Bottomonium States for the Lhc Energy/ <i>ECSTransactions</i>	<i>Vol. 107 Page no 2117-2126</i>	<i>March, 2022</i>		.521	IOP Publishing
2.	V. K. Agotiya Siddhartha Solanki, Manohar Lal, Rishabh Sharma	Charmonium Suppression in an Anisotropic Hot Qcd Medium Using Quasi-Particle Mode/ <i>ECS Transactions</i>	<i>Vol. 107 Page no 2127-2138</i>	<i>March, 2022</i>		.521	IOP Publishing

Chemistry

Sl.	Name of Author (in order of contribution)	Title of the Paper / Name of Journal	Vol. / Page	Issue – Mth./Yr.	ISSN/ ISBN	Impact Factor	Type of Impact Factor
1.	Patra, S. R.; Choudhary, M.; Mallick, S.; Bhunia, S.; Das, D.	Incense Sticks Ash Extract, an Efficient and Sustainable Medium for Michael Addition Reaction/Chemistry Select 2021, 6, 14077-14081.	06	12/2021	2365-6549	2.307	
2.	Anusueya Kumari, Muthiah Suresh, Raj	Total synthesis of the proposed structure of Anti-TMV active	92, 132282	9th June 2021	0040-4020	2.388	Thomson Reuters

	Bahadur Singh	tabasesqui-terpene ATetrahedron					
3.	Subhashree Mishra, SimonW. Sangma, Rajaram Bal Ratan Kumar Dey	Preparation and characterization of a copper oxide nanoparticle-supported red-mud catalyst for liquid phase oxidation of ethyl benzene to acetophenone New Journal of Chemistry	45 13070 – 13079	2021	1144- 0546 1369- 9261	3.925	
4	Qaiyum, M. A., Mohanta, J., Kumari, R., Samal, P. P., Dey, B., & Dey, S*	Alkali treated water chestnut (Trapanatans L.) shells as a promising phytosorbent for malachite green removal from water. International Journal of Phytoremediation	24 (8), 822- 830. https://doi.org/ g/ 10.1080/152 26514.2021. 1977912	2021	1549- 7879	4.003	Taylor & Francis
5	Mohanta, J., Kumari, R., Qaiyum, M. A., Dey, B., & Dey, S*	Alkali assisted hydrophobic reinforcement of coconut fiber for enhanced removal of cationic dyes: equilibrium, kinetics and thermodynamic insight. International Journal of Phytoremediation	23, 1423- 1431. https://doi.or g/10.1080/15 226514.2021. 1901850	2021	1549- 7879	4.003	Taylor & Francis
6	Mohanta, J., Kumari, R., Dey, B., & Dey, S.*.	Highly Porous Iron– Zirconium-Zinc Ternary Metal Oxide: Cost Effective Synthesis and Efficient Removal of Malachite Green from Water. Journal of Chemical Engineering & Data	66(1), 297- 307. https://doi.or g/10.1021/ac s.jced.0c0068 1	2021	1520- 5134	3.119	ACS
7	Samal, P. P., & Dey, S.*	Zirconium based Adsorbents as Promising Materials for the Sequestration of Dyes and Heavy Metals from Waterbody.	Advances in Materials Science Research' Ed. Maryann C. Wythers. Nova Science Publishers, Hauppauge, New York, USA.	2022	ISBN: 978-1- 68507- 856-0	N.A.	

8	Dey, S.*, Bhagat, P., Mohanta, J., & Dey, B.	Methylene blue removal using Eucalyptus Leaves: A Low Cost Protocol towards Environmental Sustainability. European Journal of Advanced Chemistry Research	3, 1-11. https://doi.org/10.24018/ejchem.2022.3.1.82	2022	2684-4478	N.A.	
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Life Sciences

Sl.	Name of Author (in order of contribution)	Title of the Paper / Name of Journal	Vol. / Page	Issue – Mth./Yr.	ISSN/ ISBN	Impact Factor	Type of Impact Factor
1.	Sharma A., Raina M., Kumar D., Singh A., Chugh S., Jain S., Kumar M., and Chourashia A.	Harnessing phytomicrobiome signals for phytopathogenic stress management/ Journal of Biosciences, Published by the Indian Academy of Sciences	47(1) p6	Jan/ 2022	0250-5991	2.795	SCI/Scopus
2.	Dhaka, V., Singh, S., Anil, A.G. Kumar M.	Occurrence, toxicity and remediation of polyethylene terephthalate plastics-A review / <i>Environ Chem Lett</i>	20 p1777–1800	Jan/ 2022	1610-3653	9.027	SCI/Scopus
3.	Kumari C, Sachan A	A review on bacteriocin nanoconjugate for effective delivery system. Research Journal of Chemistry and Environment	25, 228-235		2162-2523		
4.	Mishra M, Chattopadhyay S, Sachan A, Sachan S G	Microbially synthesized nanoparticles and their applications in environmental clean-up	11,				
5.	Nanda K.P., Firdaus H.*,	Dietary cadmium (Cd) reduces hemocyte level by induction of apoptosis in <i>Drosophila melanogaster</i> . <i>Comp BiochemPhysiol C ToxicolPharmacol</i> https://doi.org/10.1016/j.cbpc.2021.109188	250: 109188	2021	1532-0456	4.52	SCI/Scopus
6.	Nanda K.P., Firdaus H.	Dietary cadmium induced declined locomotory and reproductive fitness with altered homeostasis of	255: 109289	2022	1532-0456	4.52	SCI/Scopus

		essential elements in <i>Drosophila melanogaster</i> <i>Comp Biochem Physiol C Toxicol Pharmacol</i> https://doi.org/10.1016/j.cbpc.2022.109289					
7.	Vikram Pal Gandhi, Kavindra Kumar Kesari* and Anil Kumar*	The Identification of Ethidium Bromide-Degrading Bacteria from Laboratory Gel Electrophoresis Waste/ BioTech	11(1): 4	February/ 2022	ISSN: 2673-6284		Scopus
8.	Mir, H.; Kapur, N.; Gales, D.N.; Sharma, P.K.; Oprea-Ilies, G.; Johnson, A.T.; Singh, R.; Singh, S.	CXCR6-CXCL16 Axis Promotes Breast Cancer by Inducing Oncogenic Signaling/ Cancers	13./3568.	16 July 2021	2072-6694		Web of Science/ Scopus
9.	Pramanik KK, Mishra R* .	ERK-mediated upregulation of matrix metalloproteinase-2 promotes the invasiveness in human oral squamous cell carcinoma (OSCC). <i>Experimental Cell Research</i> . https://doi.org/10.1016/j.yexcr.2021.112984	411 (1), 112984.	2022. Feb 1,	ISSN: 0014-4827	4.145	Web of Science/ Scopus
10.	Alam M, Mishra R* .	Bcl-xL expression and regulation in the progression, recurrence, and cisplatin resistance of oral cancer. <i>Life Sciences</i> doi: 10.1016/j.lfs.2021.119705	280; 119705.	Sept 2021	ISSN: 0024-3205	6.780	Web of Science/ Scopus
11.	Siddavaram N, Ramesh N, Manikandan P, Mishra R.	Nimbolide, a Neem Limonoid is a Promising Candidate for the Anticancer Drug Arsenal. <i>Journal of Medicinal Chemistry</i>	64(7): 3560-3577	April 2021	ISSN: 0022-2623	8.039	Web of Science/ Scopus
12.	Datta S., Praveen C., Anand R.U., Singh S., Singh A., Dhanjal D.S., Dhaka V., Dhriti S.K., Kapoor Nandy S., Kumar M. , Koshy E.P., Dey A., Proćków J., Joginder Singh	Wonder or evil?: Multifaceted health hazards and health benefits of <i>Cannabis sativa</i> and its phytochemicals. <i>Saudi Journal of Biological Science</i> (ELSEVIER)	Available online 19 August 2021	https://doi.org/10.1016/j.sjbs.2021.08.036	1319-562X	4.219	Scopus

13.	Bhadrecha P., Bala M., Kashik V., Gaur N.A., Singh S., Singh J. and Kumar M.	Folate-producing rhizobacteria of Hippophaerhamnoides L. from Indian trans Himalaya low atmospheric zone. Bio Cell - Tech Science Press	45 (2): 387-394	19 February 2021	ISSN: 0327-9545 (Print) ISSN:1667-5746 (Online)	1.254	Scopus Cite score
14.	Akanksha Sharma, Meenakshi Raina, Deepak Kumar, Archana Singh, Samira Chugh, Shalu Jain, Manoj Kumar, Anjana Rustagi	Harnessing phytomicrobiome signals for phytopathogenic stress management	47(1)	Jan. 2022	ISSN: 0250-5991	2.795	Scopus Cite score
15.	Vaishali Dhaka, Simranjeet Singh, Amith G Anil, TS Sunil Kumar Naik, Shashank Garg, Jastin Samuel, Manoj Kumar, Praveen C Ramamurthy, Joginder Singh	Occurrence, toxicity and remediation of polyethylene terephthalate plastics. A review	20, pages1777-1800	3 January 2022	ISSN: 16103653	13.615	Scopus Cite score

Computer Science & Technology

Sl.	Name of Author (in order of contribution)	Title of the Paper / Name of Journal	Vol. / Page	Issue– Mth./Yr.	ISSN/ ISBN
1.	S. C Yadav, P. Kumar, Pushpendra Kumar,	Digital Farming: IoT Enabled Smart Sensor Based Insect and Animal Detection System / <i>International Journal of Aquatic Science</i>	Vol. 12(2) / 2564-2573	June 2021	2008-8019
2.	S. C Yadav, Pushpendra Kumar, V. Kumar,	Performance Analysis of Deep Neural Network Algorithm with Optimizer for Rumour Detection / <i>International Journal of Aquatic Science</i>	Vol. 12(2) / 2849-2857	June 2021	2008-8019

School of Languages

English Studies

Sl.	Name of Author (in order of contribution)	Title of the Paper / Name of Journal	Vol. / Page	Issue – Mth./Yr.	ISSN/ ISBN	Impact Factor	Type of Impact Factor
1	Bhattacharji, Shreya	1. Guest Edited Special Issue “Migration in Literature” of Journal of Migration Affairs, a bi-annual journal of	Vol. IV (2)	March 2022	ISSN: 2582-0990		

		TISS, Patna, 2. Also wrote the Introduction for the Special Issue.					
2	Kumar, Ranjit, 2022	“Aspects of Using Music in EFL Classroom” INTERNATIONAL JOURNAL OF SPECIAL Education (Scopus Indexed) (Corresponding author)	Vol.37, No.3,	January, 2022	1917-7844	.5	SCImago Journal
3	Ranjan, Mayank	“Aspects of Using Music in EFL Classroom” INTERNATIONAL JOURNAL OF SPECIAL Education (Scopus Indexed) EDUCATION, (First Author)	Vol.37, No.3,	January 2022	1917-7844	.5	SCImago Journal

Far East Languages

Sl.	Name of Author (in order of contribution)	Title of the Paper / Name of Journal	Vol. / Page	Issue – Mth./Yr.	ISSN/ ISBN
1.	Mishra Shashi Kumar & Mishra Ashutosh Kumar	Teaching Korean Language using Popular Folk Tales and Oral Narratives in Classroom in India’ Third Concept; An International Journal of Ideas	Volume-36 89-93	Special Issue March, 2022	0970-7247
2.	Tashi, Konchok, Mishra Ashutosh Kumar & Mishra Shashi Kumar	The Semantic Extension of Body Part Terms son-‘hand’ and go- ‘head’ inn Ladakhi” A Cognitive Analysis Third Concept: An International Journal of Ideas	Volume-36 196-203	Special Issue March, 2022	0970-7247
3.	Tashi, Konchok	The Semantic Field of Motion Verbs in Ladakhi. In Kalakalpa, (IGNCA Journal of Arts)	Vol. VI, No.2 (2022)	(Basant Panchmi issue February 2022)	2456-8201
4.	Tashi, Konchok, Mishra, Ashutosh & Mishra, Shashi	The semantic extension of body part terms SON ‘hand’ in Korean and GO ‘head’ Ladakhi: A cognitive analysis. In Third Concept: An International Journal of Ideas	Volume-36 196-203	Special Issue March, 2022	0970-7247
5.	Dr. Kalsang Wangmo Tsewang Gyaltsen &	Zung gLu: The fabulous Folk Songs and Ancient Poetries of Ladakh	Volume -9 1932-1939	No. 4	2321984 X

6.	Arpana Raj; Bibhuti Bhusan Biswas	Chinese Language as a Soft Power	Vol.35, No. 413	July 2021	0970724 7
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School of Engineering and Technology

Nanoscience & Technology

Sl.	Name of Author (in order of contribution)	Title of the Paper / Name of Journal	Vol. / Page	Issue – Mth./Yr.	ISSN/ ISBN	Impact Factor	Type of Impact Factor
1	Singh N., Jana S., Singh Gajendra P. , Dey R. K.	Plasmonic Au-rGO-TiO ₂ ternary photocatalyst for photocatalytic hydrogen production and dye degradation, Nanotechnology for Environmental Engineering	7/ page no. 119-137.	February, 2022	2365- 6379	5.38	Clarivate analytics
2	Kumar Gaurav; Kumari Neha; Bhattacharyya A. S. ; Paul Samrat; Deshpande Uday, Samdarshi S K	Distinctive Role of Hexagonal Tungsten (VI) Oxide in Tungsten (VI) oxide/ Ceria Hetero-junction for Efficient Photocatalysis under Visible Photon Flux, <i>Solar Energy Materials & Solar Cells</i>	234, 111405	January 2022	0927- 0248	7.26	Clarivate analytics
3	Kumari S., Manglam M., Kumar Lawrence , Seal P., Borah J., Zope M., Kar M.	Magnetic properties and hyperthermia action of cobalt zinc ferrite fibers, Journal of Sol-Gel Science and Technology	volume 101, pages 546- 561	March 2022	0928- 0707	2.32	Clarivate analytics
4.	Jaiswal K. K., Dutta S., Banerjee I., Pohrmen C. B., Singh Ram Kishore , Das H. T., Dubey S., Kumar V.	Impact of aquatic microplastics and nanoplastics pollution on ecological systems and sustainable remediation strategies of biodegradation and photodegradation, Science of the Total Environment	Volume 806, Part 3, 151358	February ,2022	0048- 9697	10.75	Clarivate analytics
5.	Ojha A, Tiwary D, Oraon R, Singh P.	Degradations of endocrine-disrupting chemicals and pharmaceutical compounds in wastewater with carbon-	28, 30573- 30594	April, 2021	1614- 7499	5.1	Clarivate analytics

		based nanomaterials: a critical review. Environ. Sci. Pollut. Res.					
6.	Verma Ravikant, Khan A. Khan Basheer, Mohd Imran K, Amar As Kumar, Sah Suresh, Jaiswal Krishna Kumar, Singh Ram Kishore	Microwave-assisted biosynthesis of copper oxide nanoparticles using <i>Atalantiamonophylla(L.)</i> leaf extracts and its biomedical applications, Chemical Engineering and Technology	44, 8, 1496-1503	June, 2021	1521-4125	2.21	Scopus index
7.	Ojha A., Singh P., Oraon Ramesh, Tiwary D., Mishra A. K., Ghfar A. A, Naushad M., Ahamad T., Thokchom B., Vijayaraghavan K, Rangabhashiyam S.	An environmental approach for the photodegradation of toxic pollutants from wastewater using silver nanoparticles decorated titania-reduced graphene oxide, Journal of Environmental Chemical Engineering	Volume 9, Issue 4, 105622	August 4, 2021	2213-3437	7.9	Clarivate analytics
8.	Paswan S. K., Kumari S., Kar M., Singh A., Pathak H., Borah J. P., Kumar Lawrence	Optimization of structure-property relationships in nickel ferrite nanoparticles annealed at different temperature, Journal of Physics and Chemistry of Solids	Volume 151, 109928	April, 2021	0022-3697	4.38	Clarivate analytics
9.	Bhattacharyya A.S.	Sliding indentation: Failure modes with study of velocity and loading rate, Surface Topography: Metrology and Properties 2021 Surf. Topogr.:Metrol. Prop	Volume 9, 035052	September, 2021	2051-672X	2.18	Clarivate analytics
10.	Char Monalisa, Chakraborty Amit K., Bhattacharyya Arnab S., Kar Abhijit. A	Comparative Study on the Influence of SAC305 Lead-Free Solder Sandwiched by Sn on the Micromechanical and Electrical properties of the joints. Adv. Eng. Materials	Volume 24, Issue 9	August, 2021	1527-2648	3.86	Clarivate analytics

Energy Engineering

Sl.	Name of Author (in order of	Title of the Paper / Name of Journal	Vol. / Page	Issue – Mth./Yr	ISSN/ ISBN	Impact Factor
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	contribution)					
1.	Prof. S.K. Samdarshi	Autonomously self-optimizing defects by refining energy levels through hydrogenation in CeO_2-x polymorphism: a walking mobility of oxygen vacancy with enhanced adsorption capabilities and photocatalytic stability,	New Journal of Chemistry (Wiley),	2022		3.925
2.	Prof. S.K. Samdarshi	Distinct role of hexagonal tungsten in tungsten/ceria heterojunction in efficient utilization of visible flux,	Solar Energy Materials and Solar Cells (Elsevier),	2021		7.305
3.	Prof. S.K. Samdarshi	Enabling open sun cooling method-based estimation of effective concentration factor/ratio for concentrating type solar cookers,	Solar Energy (Elsevier),	October 2021		7.188
4.	Dr. B. M. Jha	Sustain-Deplete approach for State-of-charge management in e-vehicles	IEEE	March 2022		
5.	Dr. Sachin Kumar	'Energy optimization from a binary mixture of non-edible oilseeds pyrolysis: kinetic triplets analysis using Thermogravimetric Analyser and prediction modeling by Artificial Neural Network'	Journal of Environmental Management	Nov. 2021		8.9
6.	Dr. Sachin Kumar	'Evaluation of kinetic and thermodynamic parameters of Argemone mexicana seed pyrolysis via thermogravimetric analyser'	Biomass Conversion and Bio-refinery	October 2021		4.050
7.	Dr. Basudev Pradhan	Recent progress in perovskite solar cells: challenges from efficiency to stability,	Mater. Today Chem.	2022		7.6
8.	Dr. Basudev Pradhan	Enhanced efficiency of DSSC by lyophilized tin doped molybdenum sulfide as counter electrode,,	J. Alloys Compd.	2022		6.37
9.	Dr. Basudev Pradhan	Development of dye-sensitized solar cell using M. philippensis (kamala tree) fruit extract: A combined experimental and theoretical study,	Int. J. Energy Res.	2021		5.16
10.	Dr. Basudev Pradhan	Performance optimization of lead free- MASnI_3 based solar cell with 27% efficiency by numerical simulation	Optical Materials,	2021		3.75

Water Engineering and Management

Sl.	Name of Author (in order of contribution)	Title of the Paper / Name of Journal	Vol. / Page	Issue – Mth./Yr	ISSN/ ISBN	Impact Factor	Type of Impact Factor
1.	UtkarshaUpadhaya, Ajai Singh, Birendra Bharti, Kumar Nischal	Development of Rainfall-Intensity-Duration-Frequency curve for Urban Flood Management of Ranchi City/Indian Journal of environmental Protection	42/194-199	2/2022	0253-7141	0.20	Scopus
2.	Amit Kumar Jha, Ajai Singh and PratibhaWarwade	Impact of Pre-Monsoonal Rainfall Trend on Vegetation for Ranchi Plateau, Jharkhand, India/ Indian Journal of Ecology	48/1621-1626	6/2021	3045250	0.441	Scopus
3.	Rajnish Kumar Verma, Kumar Ashwini, Ajai Singh	Channel morphology and prediction of mid-line channel migration in the reach of Ganga River using GIS and ARIMA modeling during 1975–2020/ H ₂ Open Journal (IWA)	4/321-	1/2021	26166518	1.42	Scopus
4.	Pappu Kumar Yadav, Ajai Singh	Removal of Fluoride using low-cost materials as an adsorbent/Eco. Env. & Cons	Accepted	--	0971765X	0.341	Scopus
5.	Kumar Ashwini, Gautam Kumar Saw, Ajai Singh	Phase wise spatial and temporal variations of Nitrogen Dioxide before and throughout COVID-19 lockdown period in Tier-1 Districts of India/Spatial Information Research	29/887-895	6/2021	23663294	2	Scopus
6.	FakehaParween, Ajai Singh	Implementation of National Water Policy by Eastern States of India – A Review and Analysis/World Water Policy	7/63-73	2021	2639-541X	--	--
7.	KumariAnshumala, J.P Shukla, Shiv Singh Patel,	Assessment of Groundwater Vulnerability Zone in Mandideep Industrial	97/1080-1086	9/2021	00167622	1.332	Scopus

	Ajai Singh	Area using DRASTIC Model/ Journal of Geological Society of India					
8.	AnshuKumari, Ajai Singh	Delineation of groundwater potential zone using Analytical Hierarchy Process/ Journal of the Geological Society of India	97/935-942	8/2021	001676 22	1.332	Scopus
9.	Vikas Kumar Vidyarthi, Prayaga Mukherjee and Shikha Chourasiya	ModelingandForecastingof RelativeHumidityinIndia nRegion, InternationalJournalofHyd rologyScienceandTechnol ogy	-	In Press	204278 08, 204278 16	1.338	Scopus
10.	Kumari, A., Kumar, D. and Warwade,P	Application of multi-criteria decision making (MCDM) and electrical resistivity tomography (ERT) techniques for identification of groundwater recharge zone (s) in granitic hard rock aquifer	130(2), pp.1-17.	2021			Journal of Earth System Science
11.	Chandniha, S.K., Sinha, J., Khalko, D., Tripathi, M.P. and Wadware, P	Optimal land and water management-A case study of KrishiVigyan Kendra Bilaspur, Chhattisgarh.	21(1), pp.86-92	2022			<i>Journal of Soil and Water Conservation</i>
12.	Sagar, P., Parhi., P.K., Bharti..B.	Optimal hydropower generation of Maithon multi-purpose reservoir system/ Journal of Lakes & Reservoirs: Research & Management.	Volume 26, issue 02, Pages e12364. https://doi.org/10.1111/lre.12364	2021	Online ISSN:14 40-1770	1.02	Wiley Publicatio n

Transport Science & Technology

Sl.	Name of Author (in order of contribution)	Title of the Paper / Name of Journal	Vol. / Page	Issue – Mth./Yr.	ISSN/ ISBN	Impact Factor
1	Ekta Singh, Rahul Mishra, Aman Kumar, Sushil Kumar Shukla, Shang-Lien Lo, Sunil Kumar	Circular economy-based environmental management using biochar: Driving towards sustainability, Process Safety and Environmental Protection			0957-5820	7.926

School for the Study of Culture

Tribal Studies

Sl.	Name of Author (in order of contribution)	Title of the Paper / Name of Journal	Vol. / Page	Issue – Mth./Yr.	ISSN/ ISBN
Dr. Rajanikant Pandey					
1.	Content Writer Pandey, R.	Production of Courseware for Pathshala (MHRD) Subject: Anthropology Paper No. : 05 Tribal Culture of India Module: 33 Industrialization and Tribe	1-12		
2.	Content Writer Pandey, R.	Production of Courseware for Pathshala (MHRD) Subject: Anthropology Paper No. : 10 Theories and Methods in Social and Cultural Anthropology Module: 29 Post Colonialism	1-10		
3.	Content Writer Pandey, R.	Production of Courseware for Pathshala (MHRD) Subject: Anthropology Paper No. : 10 Theories and Methods in Social and Cultural Anthropology Module: 30 Globalization Theories	1-9		
4.	Pandey, R.	Reflections on Ecological and Biological Theories in Anthropology/ International Journal of Health Sciences	6(S2), 4099– 4116.	March/ 2022	2550- 6978
5.	Soren, S. and, Pandey, R.	Waste Management and Sustainable Development Goals: A study of Indigenous Knowledge and Practices in Tribal Household of Ranchi/ Modern Thamizh Research	Vol.9 (4) 3771- 3784	Dec. / 2021.	2321- 984X
6.	Pandey, R.	Mining Policy and Political Ecology of Extractive Development in Jharkhand/ Manaviki	13(2), 233-258,	Dec./ 2021	0975788 0
Dr. Seema Mamta Minz					
1.	Minz, S. M.; Quadari, M.; and Besra, B.	The Unnoticed Rock Art of Simdega, Jharkhand: An Introductory Archaeological Study	80, 197- 203	Jan-June /2021	0974- 0066
Dr. M. Ramakrishnan					
1.	Banra, S.; Ramakrishnan, M; and Shekhar, S.	Contemporary Reflections on Proverbial Wisdoms (With Examples from the Hos of Jharkhand)/ Modern Thamizh Research	9(3), 2637- 2658	July-Sep./ 2021	2321- 984X
2.	Ramakrishnan, M; and Brahmanandam, T.	A Glance at the Role of Folk Religion for Development of People/ Shodhkosh: Journal of Visual and Performing Arts		2021	0976- 2132
3.	Brahmanandam, T; and Ramakrishnan, M	Higher Education Status among Scheduled Castes in India/ Modern Thamizh Research		2021	0976- 2132

4.	Sahoo, S.; Rama krishnan, M; and Brahmanandam, T.	Categorization as Social Exclusion The Lodhas of Eastern India and the Problem of Transitional Identity/ Modern Thamizh Research	1-20	2021	0976-2132
5.	Sahoo, S.; Ramakrishnan, M	Folk Practices and their Undercurrent meaning with Reference to Karma Festival of Santals of Odisha/ Modern Thamizh Research	1-15	2020	0976-2132
6.	Ramakrishnan, M; and Sahoo, S.	Folklore and New Identity of Tribal Community in the Globalization Era with Reference to the Lodhas of Eastern India/ Modern Thamizh Research	1-26	2021	0976-2132
7.	Ramakrishnan, M	Signifying the Lost Opportunity: Literary Study of “The Globe” Written by N. Prabhakaran/ Modern Thamizh Research	317-328	2021	2321-984X
8.	Ajitha, G; and Ramakrishnan, M;	Sociological Perspective of Perumal Murugan’s Mathorupagan/ Modern Thamizh Research	9(1), 1690-1706	Jan-March/ 2021	2321-984X
9.	Ramakrishnan, M.	Concept of “Learning” as Reflected in the Tamil Oral and Written Literature/ Modern Thamizh Research	10(1), 1-54	Jan-March/ 2021	2321-984X
10.	Ramakrishnan, M.	The Psychosocial Experience of Vulnerability and Its Metaphorical Expression in Cho. Dharman’ Koogai/ Modern Thamizh Research	9(3), 2669-2695	July-Sept/ 2021	2321-984X
11.	Ramakrishnan, M.	“Possession of Knowledge”- The Concept of ‘Cultural Intelligence’ of Ancient Tamils/ Peyal	6(2), 41-69	April-Sep/ 2022	2394-0948
12.	Kumar, N.; Sahoo, S.; and Rama krishnan, M.	A Glance at Folk Performance and Non-Native Audience /Modern Thamizh Research	2(2), 93-114	July-Dec/ 2021	2582-7472
13.	Ramakrishnan, M.	Gwashbrari, The Glacier-Hearted Queen-Augmenting Folk Aesthetics/ Kalakalpa IGNCJA Journal of Arts	6(1), 203-222	Guru Purnima/ 2021	2456-8201
Dr. T. Neishoning Koireng					
1.	Koireng, T. N.	Harnessing Traditional Knowledge For Sustainable Practices From Oraon Folklore/ Kalyan Bharati,	36/ 113-118,	2021	0976-0822
2.	Koireng, T. N.	A Study on the Biates Community with special reference to Material Culture and Performing Folk Arts/ Modern Thamizh Research	51-65	Dec. / 20021	2321-984X
3.	Koireng, T. N.	Socio- cultural implications of the Kaletletngam (A KOIRENG FOLKTALE) /Modern Thamizh Research,	71-85	Dec. /2021	2321-984X
Mr. Sudhanshu Shekhar					
1.	Shekhar, S.	Formal and Functional Dichotomy Contending or Complementing/ Jadavpur	93-99		2581-494X

		Journal of Language and Linguistic			
2.	Banra, S.; Rama krishnan, M; and Shekhar, S.	Contemporary Reflections on Proverbial Wisdoms (With Examples from the Hos of Jharkhand)	9(3), 2637-2658	July-September/ 2021	2321-984X

Performing Arts

Sl.	Name of Author (in order of contribution)	Title of the Paper / Name of Journal	Vol. / Page	Issue – Mth./Yr.	ISSN/ ISBN	Type of Impact Factor
1.	Dr. Deepika Srivastava	Place of Seven Swaras on 22 Shruti and the Strings of Veena in Indian Classical Music	5/58-67	6/Jan-June 2022	2582-5356	UGC-Care list
2.	Tasnim, Shakir	Sharfuddin Ahmad Yahya Maneri - His Life and Spiritual Journey	19/ 142-146	2021	0975-5217	UGC-Care list (Group-I)
3.	Dr. Venkata Naresh Burla	‘COVID-19 Neelinedallo Natakaramam.’/AMMANUDI,	07/33-35	December 2021	2582-8738	UGC-Care list (Group-I)
4.	Dr. Venkata Naresh Burla	‘The Theatre as a field of Nationalist Activism in India: A search for innate ideas during the colonial period.’ / Modern Thamizh Research	09/3848-3855	October-December 2021	2321-984X	UGC-Care list (Group-I)

School of Natural Resource Management

Geoinformatics

Sl.	Name of Author (in order of contribution)	Title of the Paper / Name of Journal	Vol. / Page	Issue – Mth./Yr.	ISSN/ ISBN	Impact Factor	Type of Impact Factor
1.	Pandey, A.C.; Kaushik, K.; Parida, B.R*	Google Earth Engine for Large-Scale Flood Mapping Using SAR Data and Impact Assessment on Agriculture and Population of Ganga-Brahmaputra Basin, Sustainability	14, 4210	2022	2071-1050	3.889	SCI
2.	Tauseef Ahmad, Arvind Chandra Pandey and Amit Kumar	Long-term precipitation monitoring and its linkage with flood scenario in changing climate conditions in Kashmir valley, Geocarto International	37	19, 2021	1752-0762	3.45	SCI
3.	Shubham Bhattacharjee and Arvind Chandra Pandey	Contrasting behaviour of temporal glacier changes and long-term estimation of glacier mass balance across Himalayan–Karakoram range, Geocarto International	37	20, 2021	1752-0762	3.45	SCI
4.	Priya, T., Pandey, A.C.	Geoinformatics-based assessment of land	3,	573, 2021	2523-3971	Cite Score	Scopus

		deformation and damage zonation for Gorkha earthquake, 2015, using SAR interferometry and ANN approach SN Applied Sciences				2.7	
5.	Dwivedi C., Raza R., Mitra D., Pandey A., Jhariya D	Groundwater Potential Zone Delineation in Hard Rock Terrain for Sustainable Groundwater Development and Management in South Madhya Pradesh, India. Geography, Environment, Sustainability.	14(1):106-121	2022	2071-9388	NA	NA
6.	B.R. Parida, G. Tripathi, A.C Pandey and A. Kumar	Estimating Flood water depth using SAR-derived Flood inundation maps and Geomorphic model in Kosi River Basin (India), Geocarto International	37 , 4336-4360	15, 2021	1752-0762	3.45	SCI
7.	S.Bar, B.R. Parida, Gareth Roberts, A.C. Pandey, P. Acharya and J. Dash	Spatio-temporal characterization of landscape fire in relation to anthropogenic activity and climatic variability over the Western Himalaya, India. GI Science & Remote Sensing	58(2), 281-299	2, 2021	1548-1603	6.395	SCI
8.	Basheer Ahammed, K. K., & Pandey, A. C	Characterization and impact assessment of super cyclonic storm AMPHAN in the Indian subcontinent through space borne observations, Ocean & Coastal Management	205(1). 10553 2	1, 2021	0964-5691	4.295	SCI
9.	A.C Pandey*, S. Bhattacharjee, Md. Wasim, M. Salim and B.R. Parida	Extreme Rainfall-induced Urban Flood Monitoring and Damage assessment in Wuhan (China) and Kumamoto (Japan) cities using Google Earth Engine. Environ. Monitoring & Assessment,	194 (6)	402, 2022	0167-6369	3.307	SCI
10.	B.R. Parida*, A.C Pandey, R. Kumar, S. Kumar	Surface Soil Moisture Retrieval Using Sentinel-1 SAR data for crop planning in Kosi River Basin of North Bihar, Agronomy	12	1045, 2022	2073-4395	3.949	SCI
11.	S. Chaudhary, A.C Pandey and B.R. Parida	Geoinformatics based detection and delineation of paleochannels in hard rock terrain of Koel River Basin, Jharkhand, Eastern India	19	100832, 2022	2352-801X	Cite Score 7.9	Scopus

		Groundwater for Sustainable Development,					
12.	Ahmad, Shahbaz., Pandey, A.C., Kumar, A. Nikhil V. Lele & Bimal K. Bhattacharya	Primary productivity estimation of forest based on in-situ biophysical parameters and sentinel satellite data using vegetation photosynthesis model in an eastern Indian tropical dry deciduous forest.	63	409–422 (2022)	0564-3295	1.333	https://doi.org/10.1007/s42965-022-00220-6
13.	Shahbaz Ahmad, Arvind Chandra Pandey, Amit Kumar & Nikhil V. Lele	Airborne hyperspectral AVIRIS-NG data for vegetation carbon stock mapping based on red edge position parameter and narrowband vegetation indices in Sholayar reserve forest, Kerala, Geocarto International	Online	1-18 (2021)	1010-6049	3.450	DOI: 10.1080/10106049.2021.1993353
14.	Liang J,Kumar A, ... et al	Co-limitation toward lower latitudes shapes global forest diversity gradients. Nature Ecology & Evolution	6	2022,	1423–1437	19.1	Thomson Reuters
15.	Kumar R, Kumar A, Saikia P*.	Forest composition regulates above-ground biomass in Sal forests of Ranchi, Eastern India, Environmental Sustainability	Online	In press 2022,	355-373	0	UGC Care
16.	Diksha, Kumar A*, and Preet Lal	Analyzing climatic variability and extreme events in the Himalayan regions focusing on mountainous urban agglomerations. Geocarto International		In press	2022	3.45	doi: 10.1080/10106049.2022.2086635
17.	Kumari S, Lal P, Kumar A*.	Spatial heterogeneity for urban built-up footprint and its characterization using microwave remote sensing. Advances in Space Research		In press	2022	2.611	https://doi.org/10.1016/j.asr.2022.03.025
18.	Kumar A*	Impact of Shifting Cultivation on Green Infrastructure: A Remote Sensing Perspective. International Journal of Ecology and Environmental Sciences	48	3, 2022	2320-5199		https://doi.org/10.55863/ijees.2022.0108
19.	Gatti RC, Reich PB, Liang J,... Kumar A	The number of tree species on Earth.	119 PNAS	31 jan 2022		12.779	119(6):e2115329-119
20.	Diksha, Kumar A*	Measuring the Paradigm Shift in Ecological Services in the	48	2, (2022)	243-250		https://doi.org/10.

		Mountainous Urban and Peri-Urban Systems of the Himalayas, International Journal of Ecology and Environmental Sciences					1111/btp .13068
21.	Kishore BSPC, Kumar A*, Saikia P, Khan ML	Hyperspectral Remote Sensing for Mapping Foliar Pigment Concentration in Mudumalai Tiger Reserve, India. International Journal of Ecology and Environmental Sciences	48	(3): 317-331	2320-5199		https://doi.org/10.55863/ije-es.2022.01
22.	Tripathi S, Setia R, Ghosh T, Uniyal PL, Kumar Amit,	Evaluation of spectral indices to monitor the vegetation species in a sanctuary for carbon sequestration in soils using LANDSAT satellite remote sensing. International Journal of Ecology and Environmental Sciences	48	: 357-365	2320-5199		https://doi.org/10.55863/ije-es.2022.0104
23.	Ahmad S, Pandey AC *, Kumar A, Lele N, Bhattacharya BK.	Primary Productivity Estimation of Forest Based on In-situ Biophysical Parameters and Sentinel Satellite data using Vegetation Photosynthesis Model in an Eastern Indian Tropical Dry Deciduous Forest Tropical Ecology.	63	409–422 (2022)	0564-3295	1.333	https://doi.org/10.1007/s42965-022-00220-6 .
24.	Tiwari S*, Mishra SN, Kumar D, Kumar B, Vaidya SN, Ghosh SG, Rahaman SKM, Khatun M, Garai S, Kumar A.	Modelling Potential Risk Zone of Lantana camara Invasion and Response to Climate Change in Eastern India Ecological Processes	11	10 (2022)	2192-1709	4.394	https://ecologicalprocesses.springeropen.com/articles/10.1186/s13717-021-00354-w
25.	Lal P, Kumar A*, Prasad A, Kumar S, Saikia P, Dayanandan A, Roy PS, Khan ML	COVID-19 Pandemic Hazard-Risk-Vulnerability Analysis: A framework for effective Pan-India response. Geocarto International				3.45	https://doi.org/10.1080/10106049.2021.2012529
26.	Lal P, Shekhar A and Kumar A*	Quantifying temperature and precipitation change caused by land cover change: a case	9	766328		5.411	https://www.research-

		study of India using WRF model, Frontiers in Environmental Science					collection.ethz.ch/bitstream/handle/20.500.11850/521429/fenvs-09-766328.pdf?sequence=4
27.	Thakur KK, Bhat P, Kumar A, Ravikanth G, Saikia P*	Distribution mapping of Bauhinia vahlii Wight & Arn. in India using ecological niche modelling Tropical Ecology	63,	pages 286–299 (2022)	0564-3295	1.333	
28.	Ahmad S, Pandey AC *, Kumar A, Lele N. 2021	Airborne Hyperspectral AVIRIS-NG Data for Vegetation Carbon Stock Mapping Based on Red Edge Position Parameter and Narrowband Vegetation Indices in Sholayar Reserve Forest, Kerala Geocarto International	Online		1010-6049	3.45	DOI: 10.1080/10106049.2021.1993353
29.	Dubey AK, Kumar P *, Lal P, Kumar A, Dvornikov AY	Present and Future Projections of Heatwave Hazard-Risk over India: A Regional Earth System Model Assessment. Environmental Research	201	Oct 2021, 111573	0013-9351	8.43	https://doi.org/10.1016/j.envres.2021.111573
30.	Lal P, Kumar A*, Saikia P, Das A, Patnaik C, Kumar G, Pandey AC, Srivastava P, Dwivedi CS, Khan ML. 2021	Effect of Vegetation Structure on Above Ground Biomass in Tropical Deciduous Forests of Central India. Geocarto International	37	6294-6310 (2021)	1010-6049	3.45	https://doi.org/10.1080/10106049.2021.1936213
31.	Kumar S, Lal P, Kumar A*	Influence of Super Cyclone ‘Amphan’ in the Indian subcontinent amid COVID-19 pandemic Remote Sensing in Earth Systems Sciences	4,	pages 96–103 (2021)	2520-8195		https://link.springer.com/article/10.1007/s41976-021-00048-z#citeas
32.	Tiwari S*, Ghosh B, Vaidya SN, Rahaman SKM,	Modelling potentially suitable lac cultivation zones of Butea monosperma to promote livelihood security in rural	34	pages 630–637 (2021)	2229-4473		

	Khatun M, Garai S, Saikia P, Kumar A.	India Vegetos					
33.	Malhi RKM, Anand A, Srivastava PK *, Chaudhary SK, Pandey MK, Behera MD, Kumar A, Singh P, Kiran GS	Synergistic evaluation of Sentinel 1 & 2 for biomass estimation in a tropical forest of India Thomson Reuters	69	(4):1752-1767		2.611	https://www.sciencedirect.com/science/article/abs/pii/S027311772100260X
34.	Wasim, Pandey AC *, Kumar A, Dwivedi CS	Spatio-temporal mapping to investigate coral bleaching in Andaman & Nicobar Islands, India using geoinformatics Journal of Indian Society of Remote Sensing	49	,1879–1894 (2021)	0974-3006	1.89	Thomson Reuters
35.	Parida BR, Tripathi G, Pandey AC*, Kumar A	Estimating Flood water depth using SAR-derived Flood inundation maps and Geomorphic model in Kosi River Basin (India) Geocarto International	37	4336-4360 2022	1010-6049	3.45	Thomson Reuters
36.	Ahmad S, Pandey AC *, Kumar A, Lele N	Potential of hyperspectral AVIRIS-NG data for vegetation characterization, species spectral separability, and mapping Applied Geomatics	13	361–372 (2021)	1866-9298		Thomson Reuters
37.	Lal P, Kumar A*, Bharti S, Saikia P, Dayanandan A, Adhikari D, Khan ML	Lockdown to contain the COVID-19 Pandemic: An opportunity to create a less polluted environment in India. Aerosol and Air Quality Research,	21	(3):20022 9.1680-8584 (2022)	1680-8584 (Print)	4.53	Thomson Reuters
38.	CS Dwivedi, RaghbirRaza, D Mitra, AC Pandey, DC Jhariya	Groundwater Potential Zone Delineation in Hard Rock Terrain for Sustainable Groundwater Development and Management in South Madhya Pradesh, India	Volume 14	, Issue-1, PP-106-121 (2021)	2071-9388	1.9	Thomson Reuters
39.	Preet Lal, A.K. Dubey, Amit Kumar, Pankaj Kumar & C. S. Dwivedi	Measuring the control of landscape modifications on surface temperature in India, Geocarto international		2022	1010-6049	4.88	Thomson Reuters
40.	S. Kumari, Chandra	Migrant women and geography of remittance,	23,	issue 2, No 10,	0972-5792		DOI: https://doi.org/

	Shekhar Dwivedi	Journal of Social and Economic Development,		397-409 (2021)			i.org/10.1007/s40847-020-00145-7
41.	G. Tripathi, A.C. Pandey, B.R. Parida*	Flood Hazard and Risk Zonation in North Bihar using Satellite-derived Historical Flood events and Socio-Economic data, Sustainability	14, 1472	3	2071-1050	3.889	SCI
42.	S. K. Chaudhary, A.C. Pandey, B.R. Parida, S. Kumar	Using geoinformatics to link forest fire severity and fragmentation in India's Dalma Wildlife Sanctuary. Tropical Ecology.	63, 453–462	2022	0564-3295	1.333	SCI
43.	B.R. Parida*, A. Kumari	Mapping tea plantations dynamics during 2000–2020 and monitoring biophysical attributes using multi-temporal satellite data in North Bengal (India). Arab. J. Geosci.	14, 2096		1866-7538	1.985	SCI
44.	M. Marandi, B.R. Parida*, S. Ghosh	Retrieving vegetation biophysical parameters and GPP using satellite-driven LUE model in a National Park. Environment, Development and Sustainability, 24(7), 9118-9138.	24, 9118-9138	7	1573-2975	4.080	SCI
45.	B.R. Parida*, S. Bar, D. Kaskaoutis, A.C. Pandey, S. D. Polade, S. Goswami	Impact of COVID-19 induced lockdown on Land Surface Temperature, aerosol, and urban heat in Europe and North America. Sustainable Cities and Society,	75, 10333 6		2210-6707	10.696	SCI
46.	J. S. Chakraborty, B.R. Parida, N. Singh	Future Food Sustainability Can Be Traced Back into Local People's Socio-Cultural Roots in Uttarakhand Himalaya, India. Sustainability	13, 7060	13	2071-1050	3.889	SCI
47.	S. Bar, B.R. Parida*, SP. Mandal, A.C. Pandey, N. Kumar, B. Mishra	Impacts of partial to complete COVID-19 lockdown on NO2 and PM2.5 levels in major cities of Europe and USA. Cities	17, 10330 8		0264-2751	6.077	SCI
48.	B.R. Parida*, S. Bar, Gareth Roberts, S.P.	Improvement in air quality and its impact on land surface temperature in major urban	119, 11128 0		0013-9351	8.431	SCI

	Mandal, A.C. Pandey, Manoj Kumar, Jadunandan Dash	areas across India during the first lockdown of the pandemic. Environment Research					
49.	B.R. Parida*, A. Kushwaha, A.K. Ranjan	Synergy of Sentinel-2A and Near-proximal sensor data for deriving biochemical parameters of paddy at different growth stages, Environment, Development and Sustainability,	24, 1048– 1068		1573- 2975	4.080	SCI
50.	Kashyap, R., Pandey, A.C. & Parida, B.R	Spatio-temporal variability of monsoon precipitation and their effect on precipitation triggered landslides in relation to relief in Himalayas. Spatial Information Research,	29, 857- 869		2366- 3294	Scopus Cite- Score 3.2	Scopus
51.	Gautam Kumar Saw, Sagnik Dey, Hemant Kaushal, Kanhaiya Lal	Tracking NO2 emission from thermal power plants in North India using TROPOMI data Atmospheric Environment	259	June, 2021	1352- 2310	5.755	SCI
52.	Singh, N., Shekhar, M., B.R. Parida, et al.	Tree isotopic records suggest seasonal importance of moisture dynamics over glacial valleys of the Central Himalaya, <i>Frontiers in Earth Science</i>	10:868 357	2022	2296- 6463	3.661	SCI
53.	D.P. Sarkar, B.U. Shankar, B.R. Parida	Machine Learning Approach to Predict Terrestrial Gross Primary Productivity using Topographical and Remote Sensing Data Ecological Informatics	70, 1- 13, 10169 7	2022	1574- 9541	4.498	SCI

Environmental Sciences

Sl.	Name of Author (in order of contribution)	Title of the Paper / Name of Journal	Issue – Mth./Yr.	ISSN/ ISBN	Impact Factor
1.	Tiwari, S., Ghosh, B., Vaidya, S.N., Rahaman, S.K.M., Khatun, M., Garai, S., Saikia, P., Kumar, A.	Modeling potentially suitable lac cultivation zones of <i>Butea monosperma</i> to promote livelihood security in rural India. <i>Vegetos</i>	May 2021		
2.	Lal, P., Kumar, A., Prasad, A., Kumar, S., Saikia, P.*, Dayanandan, A., Roy, P.S., Khan, M.L.	COVID-19 Pandemic Hazard–Risk–Vulnerability Analysis: A Framework for an Effective Pan-India Response. <i>Geocarto International</i>	November 2021		IF: 3.45

3.	Nag, A., Chatterjee, S., Saikia, P.*	Floristic status of tropical deciduous forests in Odisha, Eastern India. <i>Vegetos</i>	August 2021		
4.	Thakur, K.K., Bhat, P., Kumar, A., Ravikanth, G., Saikia, P.*	Distribution mapping of Bauhinia vahlii Wight & Arn. in India using ecological niche modelling. <i>Tropical Ecology</i>	January 2022		IF: 1.333
5.	Lal, P., Kumar, A., Saikia, P.* , Das, A., Patnaik, C., Kumar, G., Dwivedi, C.S., Pandey, A.C., Srivastava, P., Khan, M.L.	Effect of Vegetation Structure on Above Ground Biomass in Tropical Deciduous Forests of Central India. <i>Geocarto International</i>	July 2021		IF: 3.45
6.	Kumar, A., Kumar, G., Saikia, P.* , Khare, P.K., Khan, M.L.	Spatial pattern of tree diversity and impacts of ecological disturbances on forest structure in tropical deciduous forests of Central India. <i>Biotropica</i>	January 2022		IF: 2.858
7.	Kumar, A., Manisha, Lal, P., Prasad, A., Tripathy, P., Saikia, P.	Analysing Urban Damage and Surface Deformation based hazard-risk in Kathmandu City occurred during Nepal Earthquake (2015) using SAR Interferometry. <i>Advances in Space Research</i>	February 2022		IF: 2.611
8.	Gupta, K., Kumar, R., Baruah, K.K., Hazarika, S., Karmakar, S., Bordoloi, N.	Greenhouse gas emission from rice fields: a review from Indian context <i>Environmental Science and Pollution Research</i>	April 2021		
9.	Shree, S., Kumar, M. , Singh, A.	Exploring spatial and temporal trends of diurnal temperature range in the region of the Subarnarekha river basin India. <i>Spatial Information Research</i>	April 2021		
10.	Parida, B.R., Bar, S., Roberts, G., Mandal, S.P., Pandey, A.C., Kumar, M. , Dash, J.	Improvement in air quality and its impact on land surface temperature in major urban areas across India during the first lockdown of the pandemic. <i>Environmental Research</i>	May 2021		IF: 6.498
11.	Alam, S.N., Singh, B. , Guldhe, A.	Aquatic weed as a biorefinery resource for biofuels and value-added products: challenges and recent advancements <i>Environmental Sustainability</i>	Jun-21		
12.	Piyush Srivastava, Maithili Sharan, and	A note on surface layer parameterizations in the weather	December, 2021		

	Manoj Kumar	research and forecast model. <i>Dynamics of Atmospheres and Oceans</i>			
13.	Bikash Ranjan Parida, Somnath Bar, Nilendu Singh, Bakimchandra Oinam, Arvind Chandra Pandey, Manoj Kumar	A short-term decline in anthropogenic emission of CO ₂ in India due to COVID-19 confinement. Progress in Physical Geography	August, 2021		IF: 4.283
14.	Prathap, A., Shaikh, W.A., Bauddh, K. , Chakraborty, S.	Metal Phytoremediation potential of naturally growing plants on the overburden dump areas of Charhi and Kujju coal mines, Jharkhand, India. <i>Bioremediation Journal</i>	March, 2022		
15.	Saha, L., Kumar, A., Kumar, S., Korstad, J., Srivastava, S., Bauddh, K.	The impact of the COVID-19 lockdown on global air quality: A review. <i>Environmental Sustainability</i>	February, 2022		
16.	Swain, A.A., Oraon, R., Bauddh, K. , Kumar, M.	Biowastes valorization for production of bacterial cellulose and its multifarious applications contributing to <i>Environmental Sustainability</i> .	March, 2022		
17.	Ankit, Tiwari, J., Bauddh, K. , Ma, Y.	Plant-mycorrhizal fungi interactions in metal phytoremediation. <i>Frontiers of Environmental Microbiology</i>	February, 2022		
18.	Ankit, Saha, L., Kumar, V., Tiwari, J., Sweta, Singh, J., Bauddh, K.	Electronic waste and their leachates impact on human health and environment: Global ecological threat and management. <i>Environmental Technology & Innovation</i>	October, 2021		
19.	Ambade, B., Sethi, S.S., Giri, B., Biswas, J.K., Bauddh, K.	Characterization, behavior, and risk assessment of polycyclic aromatic hydrocarbons (PAHs) in the Estuary sediments. <i>Bulletin of Environmental Contamination and Toxicology</i>	February, 2022		
20.	Saha, L., Tiwari, J., Bauddh, K. , Ma, Y.	Recent development in microbe-plant-based bioremediation for tackling metal-polluted soils. <i>Frontiers of Environmental Microbiology</i>	December, 2021		
21.	Kumari, K., Swain, A.A., Kumar, M., Bauddh, K.	Utilization of Eichhornia crassipes biomass for production of biochar and its feasibility in agroecosystems: a review. <i>Environmental Sustainability</i>	June, 2021		

Geography

Sl.	Name of Author	Title of the Paper /	Vol. / Page	Issue –	ISSN/	Impact	Type of
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	(in order of contribution)	Name of Journal		Mth./Yr.	ISBN	Factor	Impact Factor
1.	Arif, Mohammad and Sengupta, Soumita	Nexus between population density and novel coronavirus (COVID-19) pandemic in the south Indian states: A geo-statistical approach	23	3	1573-2975	3.9	SCIE
2.	Sengupta, Soumita., Mohinuddin, Sk., Arif, Mohammad., Sengupta, Bishwadip., Zhang, Wanchang	Assessment of agricultural land suitability using GIS and Fuzzy Analytical Hierarchy Process approach in Ranchi District, India	34	1	10106049	3.18	SCIE
3.	Sengupta, Soumita., Mohinuddin, Sk., Arif, Mohammad.	Sub-watershed prioritization for soil erosion potentiality estimation in tenughat catchment, India	30	1	10106049	3.18	
4.	Sunita Kumari & Chandra Shekhar Dwivedi	Migrant women and geography of remittance	23	1	0972-5792	-	-

Humanities & Social Sciences

International Relations

Sl.	Name of Author (in order of contribution)	Title of the Paper / Name of Journal	Vol. / Page	Issue – Mth./Yr.	ISSN/ ISBN
1. Dr. Alok Kumar Gupta					
1.	Dr. Alok Kumar Gupta & Honey Raj	“India-South Korea Bilateral Defence Engagement: Quest for Self-Reliance”, in Third Concept	Vol.36, pp.07-14.	March 2022,	0970-7247
2.	Dr. Alok Kumar Gupta	“Vaccine Diplomacy: India’s Role and Imperatives” in World Focus	Vol.43, pp.29-36.	March 2022,	2230-8458
3.	Dr. Alok Kumar Gupta	“Evaluating Pledge to Reduce Coal-use at COP26”, in Third Concept	Vol.36, pp.17-20.	February 2022,	0970-7247
4.	Dr. Alok Kumar Gupta	“Impending Political Crisis in Yemen: Could there be a Way out of the Stalemate?” in World Focus	Vol.43, pp.23-31.	February 2022,	2230-8458
5.	Dr. Alok Kumar Gupta	“Auditing COP26: Gains, Loss and the Future of Planet Earth” in World Focus	Vol.43, pp.38-45.	January 2022,	2230-8458
6.	Dr. Alok Kumar Gupta	“Conflict in Cyberspace: Changing Frontiers of Global Warfare”, in AGNI, Forum for Strategic and Security Studies,	Vol. XXI V, pp.39-54.	September-December 2021,	0971-7862;

7.	Dr. Alok Kumar Gupta	“India’s Commitments at COP26: Initiatives, Problems and Prospects”, in NAM Today,	Vol. CIXII, pp.05-09.	December 2021	2347-3193
8.	Dr. Alok Kumar Gupta	“Diaspora as India’s Foreign Policy Leverages: Changing Dynamics and Challenges” in World Focus	Vol.42, pp.25-31.	December 2021	2230-8458
9.	Dr. Alok Kumar Gupta	“Assessing Balakote Airstrike after 30 Months: Changing Paradigm of India’s Responses and Its Implications” in World Focus	Vol.42, pp.71-80.	November 2021,	2230-8458
10.	Dr. Alok Kumar Gupta	“Dynamics of China’s Growing Strength vis-à-vis USA”, in Third Concept	Vol.35, pp.07-10.	October 2021	0970-7247
11.	Dr. Alok Kumar Gupta	“Connectivity for India’s Convergence with South East Asia” in World Focus	Vol.42, pp.25-30.	September 2021	2230-8458
12.	Dr. Alok Kumar Gupta	“Cauvery Water Dispute: Why the Rice-Bowls of India are Perennially at Loggerheads” World Focus	Vol.42, pp.42-48.	August 2021	2230-8458
13.	Dr. Alok Kumar Gupta	“Cyberspace: The New Frontier of Conflict and Cooperation”, in NAM Today,	Vol. CIX, pp.14-19.	September-October 2021,	2347-3193
14.	Dr. Alok Kumar Gupta	“Atmanirbhar Bharat (Self-Reliant India): Transforming India into a ‘Manufacturing Hub’ in Global Supply Chain” in World Focus	Vol.42, pp.27-38.	July 2021	2230-8458
15.	Dr. Alok Kumar Gupta & Vandana Mishra	“Israel-UAE Peace Deal & Arab World”, in Third Concept	Vol.35, pp.10-13.	July 2021,	0970-7247
16.	Dr. Alok Kumar Gupta	“Biden’s Giant Leap Forward on Climate Crisis: Challenges Ahead and Implications” in World Focus	Vol.42, pp.99-106.	June 2021	2230-8458
17.	Dr. Alok Kumar Gupta	“47 th G-7 Summit: UD Endeavours at Global Leadership”, in NAM Today,	Vol. CIV, pp.25-30.	May-June 2021,	2347-3193
18.	Dr. Alok Kumar Gupta	“Imperatives for Legal and Policy Interventions in Agriculture” in Indian Journal of Democratic Governance	Vol. II, pp.27-34.	April 2021	2582-7731
19.	Dr. Alok Kumar Gupta	“Role of States in India’s Foreign Policy: Changing Circumstances Necessitates Priorities” in World Focus	Vol.42, pp.37-43.	May 2021	2230-8458
20.	Dr. Alok Kumar Gupta	“Attack on Iran’s Nuclear Installations: Implications for Regional Peace”, in NAM Today	Vol. CIII, pp.25-28.	April 2021,	2347-3193
21.	Dr. Alok Kumar Gupta	“India-Mauritius Relations: Strategic Stakes and Potentials in IOR” in World Focus	Vol.42, pp.44-49.	April 2021	2230-8458
22.	Dr. Alok Kumar Gupta	Reviewed a book by Sudhanshu Tripathi, India’s Foreign Policy: Dilemma Over	Vol.42, No.504,	December 2021,	2230-8458

		Nonalignment 2.0 (India: SAGE Publications, 2020). [ISBN:]. Published in World Focus			
23.	Dr. Alok Kumar Gupta	Reviewed a book by Vikram Sampath titled Savarkar: A Contested Legacy (1924-1966) (New Delhi: Penguin Random House, 2021) [ISBN: 9780670090310]. Published in World Focus	Vol.42, No.503, pp.126-130.	November 2021,	2230-8458
24.	Dr. Alok Kumar Gupta	Reviewed a book by Vijay Gokhale titled The Long Game: How the Chinese Negotiate with India (India: Penguin Random House, 2021), [ISBN: 9780670095605]. Published in World Focus	Vol.42, No.501, pp.113-114.	September 2021,	2230-8458
25.	Dr. Alok Kumar Gupta	Reviewed a book by Fareed Zakaria Ten Lessons for A Post-Pandemic World (UK, India: Allen Lane, 2020). Published in World Focus	Vol.43, No.507, pp.131-136.	March, 2022	2230-8458
26.	Dr. Alok Kumar Gupta	Reviewed a book by Uday Mahurakr& Chiayyu Pandit, Veer Savarkar: The Man Who Could Have Prevented Partition (New Delhi: Rupa Publications, 2021). Published in World Focus	Vol.43, No.506, pp.165-170.	February 2022,	2230-8458
27.	Dr. Alok Kumar Gupta	Reviewed a book by Simon Mundy, Race for Tomorrow: Survival, Innovation, and Profit on the Front Lines of The Climate Crisis (Great Britain: William Collins, 2021). Published in World Focus	Vol.43, No.505, pp.132-135.	January 2022,	2230-8458
28.	Dr. Alok Kumar Gupta	Reviewed a book by Dr, N. Bhaskara Rao, The Green Puzzle: Missing Links in India's Crusade to Sustain Environment (India: Authors Upfront, 2021). Published in World Focus	Vol.43, No.505, pp.127-131.	January 2022,	2230-8458
2. Dr. Bibhuti Bhusan Biswas					
1.	Dr. Bibhuti Bhusan Biswas	Empowering Indian Administration through E-Governance: Prospects and Challenges," in Sampriti,	vol.7, issue-1, pp. 345-358	2021	2454-3837
2.	Dr. Bibhuti Bhusan Biswas	Chinese Language as a Soft Power Tool for China in Third Concept: An International Journal of Ideas	vol.35, no. 413, pp. 11-14	July 2021	0970-7247
3.	Dr. Bibhuti Bhusan Biswas	India's Act East Policy towards South Korea: Quest for Strategic Contour in the Indo-Pacific Region," in Third Concept: An International Journal of Ideas	vol.36, no. 421, pp. 31-39	March 2022,	0970-7247
3. Dr. Aparna					
	Dr Aparna	India- Nepal Border Tussle: The China Factor. Third Concept (New Delhi)	vol. 35, no.410,	April, 2021	ISSN: 0970724

			pp. 7-10		7.
4. Dr. Subhash Kumar Baitha					
1.	Subhash. K. Baitha and Souvik Chatterjee	“Mongolia’s assertive and pragmatic role in India’s Connect Central Asia Policy: Current trajectory and Future Ahead” in <i>Journal of Political Issues</i> published by the University of Bangka Belitung	Vol 3, pp 28-35	July, 2021	2685-7766
2.	Subhash. K. Baitha and Gitesh Kumar	“India's Policy and Strategic Engagements in Central Asia in the 21st Century” in <i>Turkish online Journal of Qualitative Inquiry</i>	Vol 12, pp. 8140-8155	August, 2021	1309-6591
3.	Subhash K. Baitha and Souvik Chatterjee	INSTC and India's Connect Central Asia Foreign Policy: Geopolitics and Geoeconomics of Major Stakeholders” in <i>World Focus</i>	Vol 42, pp. 69-74	October, 2021	2230-8458
4.	Subhash K. Baitha and Souvik Chatterjee	“Unlocking India’s potentials in Far East Asian Region: Rethinking Indo-Mongolia ties in the present context” in <i>Khazanah Sosial, Indonesia</i>	Vol. 3, pp 138-146	November, 2021	2715-8071
5.	Subhash K. Baitha and Souvik Chatterjee	“Energy Security in Mongolia: Current Trajectory and Future Prospects” in <i>Indonesian Journal of Social Studies</i>	Vol 4, pp. 120-128.	Dec, 2021	2615-5966
6.	Subhash K. Baitha and Souvik Chatterjee	“India’s Growing Security Architecture in Indo Pacific: A Case Study of Indo-Mauritius Convergence” in <i>Indonesian Journal of International Relations</i>	Vol 6, pp. 21-41	February, 2022	2548-4109
5. Arpana Raj					
1.	Arpana Raj and Bibhuti Bhusan Biswas	Chinese Language as a Soft Power Tool for China in Third Concept: <i>An International Journal of Ideas</i>	Vol.35, No. 413	July 2021	09707247
6. Gitesh Kumar					
1.	Gitesh Kumar & Dr. Subhash Kumar Baitha	India’s Policy and Strategy Engagements in Central Asia in the 21 st Century in <i>Turkish Online Journal of Qualitative Inquiry</i>	Vol. 12, No. 9, pp. 8140-8155	August, 2021	1309-6591
7. Aman Raj					
1.	Aman Raj	“Introspecting India’s role in Afghanistan: current trajectory and concerns” in <i>journal of fundamental & comparative research-Shodhsamhita</i> .	Vol. VIII, Page-355-358.	Issue 2(I), 2021-2022 (UGC Care list group-I).	ISSN-2277-7067
8. Amit Kumar Singh					
1.	Amit Kumar Singh	India-Seychelles Bilateral Relations: Under the Regime of Modi Government in <i>World Focus</i>	Vol. 42 & Pp. 91-96	Dec 2021	2230-8458
9. Dipankar Dey					
1.	Dipankar Dey & Dr. Bibhuti	India’s Act East Policy towards South Korea: Quest for Strategic Contour in the Indo-Pacific Region in <i>Third Concept</i> :	Vol. 36, No. 421 pp. 31-	March, 2022	0970-7247

	Bhusan Biswas	<i>An International Journal of Ideas</i>	39		
10. Souvik Chatterjee					
1.	Baitha, Subhash. K. and Chatterjee, S.	“Mongolia’s assertive and pragmatic role in India’s Connect Central Asia Policy: Current trajectory and Future Ahead” in <i>Journal of Political Issues</i> published by the University of Bangka Belitung	Vol 3, pp 28-35	July, 2021	2685-7766
2.	Baitha, Subhash. K. and Chatterjee, S.	INSTC and India's Connect Central Asia Foreign Policy: Geopolitics and Geoeconomics of Major Stakeholders” in <i>World Focus</i>	Vol 42, pp. 69-74	October, 2021	2230-8458
3.	Baitha, Subhash. K. and Chatterjee, S	“Unlocking India’s potentials in Far East Asian Region: Rethinking Indo-Mongolia ties in the present context” in <i>KhazanahSosial, Indonesia</i>	Vol. 3, pp 138-146	November, 2021	2715-8071
4.	Baitha, Subhash. K. and Chatterjee, S.	“Energy Security in Mongolia: Current Trajectory and Future Prospects” in <i>Indonesian Journal of Social Studies</i>	Vol 4, pp. 120-128.	Dec, 2021	2615-5966
5.	Baitha, Subhash. K. and Chatterjee, S.	“India’s Growing Security Architecture in Indo Pacific: A Case Study of Indo-Mauritius Convergence” in <i>Indonesian Journal of International Relations</i>	Vol 6, pp. 21-41	February, 2022	2548-4109
11. Honey Raj					
1.	Honey Raj	Controversial Dam Construction on the Irrawaddy River in <i>World Focus</i>	42(500), 140-146.	August, 2021	2230-5083
2.	Souvik Chatterjee and Honey Raj	Introspecting the Usefulness of E-Governance in Combating COVID Pandemic in India: A changing Milieu in Indian Administration in <i>Exposure</i>	VII(I), 33-42.	June, 2021	2454-6429
3.	Honey Raj	India’s Endeavour to Self-Reliance in Defence Production: Strategy to Catapult India into Global Supply Chain of Defence Equipment in <i>World Focus</i>	42(499), 123-130.	July, 2021	2230-5083
4.	Honey Raj	Kaladan Multi-Modal Project and Its Strategic Importance for India in <i>World Focus</i> .	42(500), 94-98.	September, 2021	2230-5083
5.	Honey Raj	Water as Currency of Peace in the Middle East: Israel’s Innovations and Its Imperative for Arab Countries in <i>World Focus</i>	43(506), 108-113.	February, 2022	2230-5083
12. Ravi Kumar					
1.	Ravi Kumar and Dr Aparna	दक्षिण एशिया और ग्लोबल वार्मिंग: भारत पर प्रभाव in <i>Apni Mati</i>		March, 2022	2322-0724
13. Kaushiki Parihar					
1.	Kaushiki Parihar	Paper titled “ <i>Climate Protest Movements: Ricocheting across the</i>	Page No.114-	January 2022	2230-8458

		<i>Globe to Save Planet Earth</i> ” published in a peer reviewed journal World Focus	120		
2.	Dr. Alok Kumar Gupta and Kaushiki Parihar	Paper titled “ <i>Evaluating Pledge to Reduce Coal-use at COP26</i> ” published in UGC Care listed Journal Third Concept	Vol.35, No.420 Page No.17-20	February 2022	0970-7247
3.	Dr. Alok Kumar Gupta and Kaushiki Parihar	Paper titled “ <i>Vaccine Diplomacy: India’s Role and Imperatives</i> ” published in a peer reviewed Journal World Focus	Page No.29-36	March 2022	2230-8458
14. Khyati Pal					
1.	Khyati Pal	Book Review “Gender And Power In Eastern Europe: Changing Concepts Of Femininity And Masculinity In Power Relations” in <i>Indian Studies Review- A Journal of Centre for study of Politics and Governance.</i>	Vol-2	Springer 2021)	2583-004X

School of Education

Education

Sl.	Name of Author (in order of contribution)	Title of the Paper / Name of Journal	Vol. / Page	Issue – Mth./Yr.	ISSN/ ISBN	Impact Factor
Dr. Vimal Kishor						
1.	Kishor, V. and Gour, M.	Researches on Learning through Social Networking Sites. <i>Education India: A Quarterly Refereed Journal of Dialogues on Education</i>	Vol. 11	February-2022	[2278-2435]	
2.	Saluja, Lavina and Kishor, V.	Factors affecting Professional Commitment of Teacher Educators	177-181	2021	[2348-2397]	
3.	Kishor, Vimal and Walia, Jyoti	Mental Health among University Students.	158-165	2021	[2456-4702]	
4.	Kishor, V.; Walia, J. and Garima	Reasoning Ability among High School Students in relation to their Self-Concept	120-127	2021	[2456-4702]	
5.	Saluja, Lavina and Kishor, V.	Level of Professional Commitment, Occupational Stress and Role Conflict among Teacher Educators	142-148	2021	[2456-4702]	
Dr. Shashi Singh						
1.	Singh, S.	Laingik Samanta Evam Satat Vikas Lakshya	24(3), 100-103	2021	ISSN: 0975-4520	
2.	Singh, S.	Quality Issues in Distance and Open Learning Education System in India. Vidyabharati	1125-1133	August 2021	ISSN: 2319-4979	

		International Interdisciplinary Research Journal, Special Issue on Recent Research Trends in Management, Science and Technology				
3.	Singh, S. and Singh, A.	Importance of Perception as a Parameter in University Rankings: A Critical Evaluation. Prabandhan: Indian Journal of Management	14(11), 25-40	2021	ISSN: 0975 – 2854	
4.	Singh, Shashi; Singh, Ajay and Kishor, Vimal	Ranking and Performance of Indian Universities. International Journal of Educational Sciences	35(1-3): 69-81	2021	ISSN 2456-6322	
Dr. Vijay Kumar Yadav						
1.	Yadav, V.K.	हिंदी ध्वनि व्यवस्था, शिक्षण एवं तकनीकी अंवेक्षण		2021	ISSN: 0435-1460	
2.	Yadav, V.K., Tyagi, S.K., Tyagi, P.	स्नातक स्तर के विद्यार्थी, शिक्षकों की हिंदी भाषा कौशल उपलब्धि पर मिश्रित शिक्षण अधिगम अगम की प्रभावशीलता, भारतीय आधुनिक शिक्षा		2021		
3.	Yadav, V.K., Gupta, S.	A Study on Indian Banking Sector: Recent Trends and issues along with the role of Education in Financial Inclusion.		2021	ISSN: 2229-3620	
Dr. Neera Gautam						
1.	Gautam Neera	Status of Education among Scheduled Tribes: Some Policy level Challenges	Volume XVIII (02): 93-102	2021	ISSN: 0974-2735	
Ms. Angel Nag						
1.	Women Empowerment in India in 21 st Century	Shiksha Shodh Manthan	7/87	April/ 2021	2395-728X	5.396
Dr. Shilpy Raaj						
1.	Frankenstein: or the Modern Prometheus Contemporary Relevance.	ELT Voices	Volume 11 (Issue 1)	2021	ISSN: 2230-9136	
Ms. Poonam Kumari						
1.	Kumari P & Mishra S.P.	Technology-Enabled Learning with Reference to Language Learning/ WHJJ UGC-CARE-Group-II Journal	XVIII. pp.84-90	II, February /2022	1001-1749	
Shashi Toppo						

1.	Shashi Toppo	“Effectiveness of Heuristic Method in promoting Creativity and Achieving in Science among Senior Secondary School students of Ranchi District”	Vol. 9m 366-372	Issue 2m February 2022	ISSN (O) 2393- 8021, ISSN (P) 2394- 1588	7.105
Sumedha Mukharjee						
1.	Sumedha Mukharjee (1st Author), Dr. Umakant Prasad(2nd Author)	Shikshar Anginay Sarba Linga Samanway /Khoai (UGC-CARE listed from Jan 2020- Jan 2022	VOL.43/ P.124-133	May, 2021	ISSN 2319- 8389	
Debabrata Mandal						
1.	Debabrata Mandal	Impact of Climate Change on Livelihood	Vol-7, Pg- 97-107	Issue-II, August 1, 2021	ISSN 2394- 885X	
Shyamali Mondal						
1.	ShyamaliMondal	The spectrum of the role of family in the personality development of child- A case study	27	2020-21	ISSN- 0975- 7945	6.125
Tapas Goswami						
1.	Tapas Goswami	Educational Resource Management in Post Covid Era of Higher Education	Volume-2 Issue-1, Page- 22- 29	March, 2022	ISSN- 2582- 8002	NA

ORGANIZING NATIONAL/INTERNATIONAL SEMINARS/CONFERENCES / WORKSHOP / EXPERT LECTURE / TALK / ETC.)*

School of Mass Communication and Media Technology

Mass Communication

Sl.	Title	Title Organizer/ Presenter / Funding Agency	Dates	Venue
1.	Vax Check	Data Leads	03 May, 2021	DMC, CUJ
2.	भारत में पुनर्जागरण और नवभारत निर्माण में हिंदी पत्रकारिता का योगदान	प्रो. बलदेव भाई शर्मा	30 May, 2021	DMC, CUJ
3.	Covid Care Program – 3 days Workshop	Art of Living	7,8,9 June, 2021	CUJ
4.	Deformation, Obscenity, Sedition, Contempt of court & Media	Dr. Raghuwendra Tiwari , Advocate – Supreme Court of India	05-Aug-21	DMC, CUJ
5.	Politics in India	Mr. Pawan Kumar Pandey	21-Aug-21	DMC, CUJ
6.	Trends of contemporary media	Prof. Govind Singh	26-Aug-21	DMC, CUJ
7.	Film Screen and Photo Exhibition - Jharkhand International Film Festival	Jharkhand International Film Festival	29-30th-Oct-2021	DMC, CUJ
8.	National Research Article and Essay writing Completion	CUJ and Siksha Sanskriti Utthan Nyas	21 Nov. 2022	DMC, CUJ
9.	Role of the press in Self-Reliant	Prof. K G Suresh	16 Nov. 2022	DMC, CUJ

	India			
10.	Disability Empowerment, Media and Academic intervention	Prof. Anil Kumar Aneja	03-Dec-21	DMC, CUJ
11.	How to create engaging content for YouTube and podcasting?	Ms, Noveena Chokarvorty	07-Feb-22	DMC, CUJ
12.	Patrkarita ka nya Digital Avtar	Mr. Sanjay Mishra	14-Feb-22	DMC, CUJ
13.	Health Communication in Post Pandemic World	Dr. Nandani Lakshmikantha	24-Mar-22	DMC, CUJ

School of Management Science

Business Administration

Sl.	Title	Title Organizer/ Presenter / Funding Agency	Dates	Venue
1	Two Day Virtual National Conference On Transformation of Technology in Higher Education	CUTN, SRM University Chennai and Department of Business Administration (DBA), School of Management Sciences (SMS), Central University of Jharkhand (CUJ)	April 27-28, 2021	Online
2	National Webinar On Diversity and Inclusion ("Women in Motion" initiative of Axis Bank)	Department of Business Administration (DBA), School of Management Sciences (SMS), CUJ and AXIS Bank Ltd.	Wednesday September 29, 2021	Online
3	Online session on Entrepreneurial Journey in the Indian Start-up Ecosystem After Pandemic	Central University of Jharkhand Institution's Innovation Council, Department of Business Administration and Management Associates	October 30, 2021	Online

Commerce and Financial Studies

Sl.	Title	Title Organizer/ Presenter / Funding Agency	Dates	Venue
1.	'One week Research Methodology & Data Analysis'	DCFS, CUJ	6-10 Sep, 2021	Online
2.	'New Education Policy-2020: A Way Forward'	DCFS, CUJ	27 Sep, 2021	Online

School of Natural Sciences

Physics

Sl.	Title	Title Organizer /Presenter / Funding Agency	Dates	Venue
1.	National Conference on Condensed Matter Physics, 'Condensed Matter Days (CMDAYS-2021)'	Department of Physics, Central University of Jharkhand (CUJ), Ranchi	December 10-12, 2021	CUJ
2.	National Science Day (NSD)-2022 on the theme "Sustainable Energy and Society"	Department of Physics, Central University of Jharkhand	February 28, 2022	CUJ

3.	National Webinar on "Research Opportunities Over the Horizon in Physical Sciences"	Department of Physics CUJ, Ranchi, in collaboration with Indian Association of Physics Teachers (IAPT), RC-20, India	October 2, 2021	CUJ
4.	"Online Lecture Series on Advances in Physical Sciences"	Department of Physics Central University of Jharkhand, Ranchi	August 9-13, 2021	CUJ

Chemistry

Sl.	Title	Title Organizer /Presenter / Funding Agency	Dates	Venue
1.	Online International Symposium on: Chemistry for sustainable Development	Department of Chemistry, CUJ	July 2-4, 2021	Dept. of Chem. CUJ

Computer Science & Technology

Sl.	Title	Title Organizer /Presenter / Funding Agency	Dates	Venue
1.	FDP on Data Analytics and Machine Learning Sponsored by AICTE Atal	AICTE, ATAL	September 20-24, 2021	DCST CUJ

School of Languages

English Studies

Sl.	Title	Title Organizer/Presenter/Funding Agency	Dates	Venue
1.	Webinar organized on "Learning to Love and Live: The Author's Way"	CUJ	April 5-6, 2021	

Far East Languages

Sl.	Title	Title Organizer /Presenter / Funding Agency	Dates	Venue
1	Two Day 15 th RASK International Webinar on "Multifaceted India-South Korea Relations: Exploring New Vistas for Deeper Collaboration"	Researchers Association for the Study of (Korea) in Collaboration With Jamia Millia Islamia and Department of Far East Languages, CUJ Presenters: from Different Universities and institutes from India and Korea Academy of Korean Studies	November 12 & 13, 2021	Google meet
2.	Two Day National Seminar on	In Collaboration with Contemporary Tribal and Customary Law and others		DFEL, CUJ

Hindi

Sl.	Title	Title Organizer /Presenter / Funding Agency	Dates	Venue
1.	Premchand Birthday	Dept. of Hindi, CUJ	July 31, 2021	Online

School of Engineering and Technology

Nanoscience & Technology

Sl.	Title	Title Organizer /Presenter / Funding Agency	Dates	Venue
1.	ATAL FDP-3D Printing and Design	AICTE & CUJ, Ranchi	January 13-17, 2022	CUJ, Ranchi (online)

Energy Engineering

Sl.	Title	Title Organizer /Presenter / Funding Agency	Dates	Venue
1.	Lecture on International collaboration	Dr. Arvind Kumar, DST, Govt. of India	Feb 17, 2022	CUJ, Brambe

Transport Science & Technology

Sl.	Title	Title Organizer /Presenter / Funding Agency	Dates	Venue
1.	International Webinar on Role of Transportation, Environment and Energy in Integrated Urban Planning-2021	DTST and EVS, CUJ	November 25-26, 2021	DTST

School of Natural Resource Management

Geoinformatics

Sl.	Title	Title Organizer /Presenter / Funding Agency	Dates	Venue
1.	National Seminar on Anthropogenic Impact on the Environment, Society and Human Health	Organized by CUJ & ESW Society in Collaboration with SKU, ZSI & NASI	January 30-31, 2021	Online
2..	National Webinar on National Education Policy NEP 2020: A paradigm shift in education and future challenges	Department of Geoinformatics Central University of Jharkhand, Ranchi, 835205	April 12, 2021	Online
3.	National Webinar on “Perspectives of Urban hazard-risk assessment through Geoinformatics”	CUJ, Ranchi & NIDM, New Delhi.	Aug. 6, 2021	Online

Environmental Sciences

Sl.	Title	Title Organizer/Presenter/Funding Agency	Dates	Venue
1.	National Webinar on Restoration of Ecosystem Services: Challenges & Opportunities	Department of Environmental Sciences, in collaboration with PHSS Foundation for Science and Society, Lucknow	June, 5, 2021	Online
2.	National Webinar on Climate change and its possible impacts on women and children	Department of Environmental Sciences in collaboration with Child Centric Disaster Risk Reduction Centre, National Institute of Disaster Management, New Delhi sponsored by NIDM, New Delhi	July 21, 2021	Online
3.	National Webinar on Disaster Risk Reduction and Urban risk Management	Department of Environmental Sciences in collaboration with NIDM, New Delhi	August 6, 2021	Online

4.	State level Short Training and Awareness Program for science popularization among school students under DST-FIST program	DST-FIST sponsored DEVS, CUJ, Ranchi	February 28, 2022	DEVS, CUJ
5.	Two-day International Webinar on “Role of Transportation, Environment and Energy in Integrated Urban Planning (RTEE-IUP-2021)	Department of Environmental Sciences in collaboration with DTST, CUJ	November 25-26, 2021	Online

Humanities & Social Sciences

International Relations

Sl.	Title	Title Organizer /Presenter / Funding Agency	Dates	Venue
1.	Nuclear Policy of India	Invited Lecture of Prof. Arvind Kumar, Centre for Canadian, US & Latin American Studies, JNU, New Delhi.	June 23, 2021	Online Lecture
2.	Emerging World Order: Challenges and Options for India	Invited Lecture of Prof. Suba Chandran, National Institute of Advanced Studies, Bangalore	July 23, 2021	Online Lecture
3.	Soft Power and Foreign Policy of India: Role of Culture, Media, Films, Literature and Sports	Invited Lecture of Prof. Ishani Naskar, Department of International Relations, Jadavpur University, Kolkata	July 27, 2021	Online Lecture
4.	Gender Sensitization: Prospects and Challenges in Modern Time	Invited Lecture of Dr. Sajal Roy, School of Social Sciences and School of Business, Western Sydney University, Australia	July 9, 2021	Online Lecture
5.	Sino-Indian Relations: Post Ladakh Challenges	Invited Lecture of Dr. Sudhir Kumar Singh, Department of Political Science, Dayal Singh College, University of Delhi.	July 19, 2021	Online Lecture
6.	Panel Discussion on “Indo-Pacific Affairs”	Organized by DIR, CUJ in collaboration with NIICE International Studies Convention, Kathmandu, Nepal.	August 27-29, 2021	Online Discussion
7.	Post-Covid-19 Development and Challenges in South Asia	International Webinar in collaboration with Social Science Research Association of India, Department of Geography, Sophia Girls College, Rajasthan; and South Asia Studies Centre, Department of Geography, Savitirbai, Phule University, Pune.	June 27-28, 2020	Online Mode
8.	India in the Indo-Pacific: Interests, Challenges and Prospects	International Webinar organized by Department of Politics and International Relations	September 24-25, 2020	Online Mode

School of Education

Education

Sl.	Title	Title Organizer /Presenter / Funding Agency	Dates	Venue
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1.	“The Maulana, and Educational Foundation of Independent India”	The Guest Lecture was delivered by Prof. Santosh Panda, IGNOU at Department of Education, CUJ	November 11, 2021	Online Mode,
2.	“Emerging Issues related to Mental Health of Students during and post Covid-19”.	National Webinar was organized by the Department of Education, CUJ	October 11, 2021	Online Mode,

PARTICIPATION IN NATIONAL/INTERNATIONAL SEMINARS/CONFERENCES / WORKSHOP / LECTURE / TALK / ETC.)*

School of Mass Communication and Media Technology

Mass Communication

Sl.	Title of Activity	Nature of Participation	Place	Dates	Mode of Participation
1. Prof. Dev Vrat Singh					
1.	Coveted position at the scientific conference: 07				
	<ol style="list-style-type: none"> Delivered a plenary talk on the topic of Indian Communication Traditions at Three-day National Conference on the theme Indian Cultural and Communication Traditions organized by Rabindranath Tagore University, Bhopal, MP during 7-9 July 2021. Delivered a Plenary Talk in IIMC-WJEC-UNESCO Round Table, 10-11 August 2021 Day 2: 11th August, 2021 (Wednesday), Roundtable Plenary-II (10:00am – 11:30am). The theme of this talk was Reinventing Journalism Education in the Digital Age: Emerging Technologies and Formats Chaired a session in a webinar organized by the Global Communication Education Conclave (GCEC) on 14th December 2021. The topic of the webinar was <i>Beyond Media Literacy</i> Chaired a session in the Online Lecture and Training Programme on Faculty Development Programme organized by the Internal Quality Assurance Cell (IQAC), Central University of Jharkhand, Ranchi during 30th January to 13th February 2022. Delivered a talk as Key Note Speaker on the topic <i>Human Resource Requirement for Digital Media Industry</i> in the Virtual Faculty Development Program on the broad theme of <i>Design and Development of Digital Media Curriculum</i> organized by the School of Digital Media, Journalism and Mass Communication, G D Goenka University, Gurugram during 18-22 February 2022. Chaired a session in a webinar organized by the Global Communication Education Conclave (GCEC) on 25th March 2022. The topic of the webinar was <i>Pedagogy of the Oppressed and Development Communication – Re-thinking Challenges and Possibilities on Freire Centenary</i> Chaired a Technical and Valedictory session at the National Seminar on the theme of Tribal Culture and Philosophy in Oral Narratives organized by the Department of Contemporary and Tribal Customary Laws (CTCL), Central University of Jharkhand during 28-30 March 2022. This seminar was sponsored by the Indian Council for Philosophical Research (ICPR), New Delhi. 				
2.	Institutions/Places visited in India and abroad for research/teaching/academic assignments during the year with period, place and purpose (Online participation) - 07				
	<ol style="list-style-type: none"> Delivered online talk in a Three-day National Conference organized by the Faculty of Humanities and Liberal Arts, Rabindranath Tagore University, Bhopal on the topic of 				

	<p>Indian Cultural and Communication Traditions on 9th July 2021.</p> <ol style="list-style-type: none"> 2. Delivered a lecture in a three-day Media Workshop on SPSS organized by the Department of Journalism and Mass Communication, Maharaja Agrasen Institute of Management Studies, New Delhi on 3-4-6 September 2021. The topic of the lecture was Designing a Code Book. 3. Delivered a lecture in Two-week Refresher Course organized by Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, Teaching Learning Centre, Ramanujan College, University of Delhi during 7-21 September 2021. 4. Delivered an online lecture as part of PR Mass Communication Orientation Programme for Students on 14th October 2021. The topic of the lecture was Documentary Production. 5. Delivered a talk in the 33rd National Webinar organized by Communication Today on 4th December 2021. The topic of the webinar was <i>Media Syllabus: Indian Thinkers and Thoughts</i> 6. Delivered a lecture in a webinar organized by Madhav University, Pindwara, Rajasthan and Dr. B. R. Ambedkar Social Science University, Mahu, Madhya Pradesh during 14-15th December 2021. The topic of the webinar was <i>Media Education in New Era – Challenges and Possibilities</i>. 7. Delivered online talk in a Faculty Development Programme (27th January to 2nd February 2022) convened by Amity Academic Staff which is organized by Amity School of Communication on 29th January 2022. The topic of the presentation was <i>Digital Data Collection Techniques: Online Questionnaire and its Relevance</i>.
3.	<p>Conference/Seminar/ Workshop attended: 02</p> <ul style="list-style-type: none"> • Attended one-week online workshop on NAAC – Assessment and Accreditation from 8-14 November 2021 conducted by Jharkhand Government Tool Room, Ranchi • Attended one-day workshop on the <i>Effective Execution of Research by Using Mendeley</i> on 26th November 2021. This workshop was organized by Research Academy on Campus a unit of Elsevier
4.	<p>Meetings of Academic bodies attended: 07</p> <ol style="list-style-type: none"> 1. Attended the online meeting of Board of Studies of Department of Humanities and Liberal Arts, Rabindranath Tagore University, Bhopal, M.P. held on 23rd June 2021 2. Attended the online meeting of Board of Studies for Department of Mass Communication, KushbhauThakre University of Journalism and Mass Communication, Raipur held on 24th September 2021 3. Attended 20th Meeting of Academic Council of the Central University of Jharkhand held on 7th October 2021. 4. Attended online meeting of the School Board of School of Languages held on 18th September 2021 5. Attended online meeting of the School Board of School of Mass Communication and Media Technologies held on 19th September 2021 6. Attended the online Academic Council meeting of Centurion University of Technology and Management (CUTM), Odisha as an external expert on 19th November 2021. 7. Attended the online meeting of Strategic Academic Advisory Board (SAAB) of School of Communications, XIM University, Bhubaneswar on 19th March 2022
5.	<p>Any other information</p> <ul style="list-style-type: none"> • Acted as External Examiner for the Viva Voce conducted on 1st September 2021 for the PhD Scholar Jai Kishon Goswami at Faculty of Journalism and Mass Communication, Jharkhand Rai University, Ranchi. The topic of the research was <i>Contribution and Prospects of Documentaries in the Development of Jharkhand – A</i>

	<p><i>Critical Analysis.</i></p> <ul style="list-style-type: none"> Participated as resource person in a Studio Talk on the topic of World Television Day (21st November 2021) in Doordarshan Kendra, Ranchi Visited <i>Radio Khanchi</i> run by Ranchi University, Ranchi and met Dr. Anand Thakur, Station Director, on 13 February 2022 World Radio Day and discussed about the structure, functioning and challenges of the radio station. Invited as Subject Expert by the Odisha Public Service Commission (OPSC) for the selection of Professors, Associate Professors and Assistant Professors in the State Universities of Odisha State during 21-24 February 2022. Engaged in this four-day exercise as part of Selection Panel along with two other subject experts. 				
6.	<p>Other significant contribution and achievements:</p> <ul style="list-style-type: none"> Delivered two lectures through Google Meet on <i>Introduction the History of Indian Television</i> to the students of PG Diploma in English Journalism, Indian Institute of Mass Communication, New Delhi (13th October and 3rd November 2021) Appointed Chairperson of the Ad-hoc Executive Committee of the PRSI Ranchi Chapter by the National Council of Public Relations Society of India 				
7.	<p>Industry Visits</p> <ul style="list-style-type: none"> Organized a visit of students to Radio Ranchi, a community radio station run by Ranchi University, Ranchi on 11th April 2022. Organized a visit of media students to Doordarshan Kendra, Ranchi and participated in a talk show on water conservation attended by Mr. Rajendra Singh on 19th April 2022. Organized a visit of media students to Radio City, Ranchi on 21st May 2022. 				
2. Dr. Rajesh Kumar					
1.	Managing Online Classes & Co-creating MOOCs 5.0	Two Week Refresher Program	Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry of Education Pandit Madan Mohan Malaviya Mission on Teachers and Training	May 11-25, 2021	Online
2.	Special Lecture on Print Media Production: Principles & Practices	Two Week Faculty Development Program (FDP) on the topic of Contemporary Media: Skills, Scope and Challenges	Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry of Education Pandit Madan Mohan Malaviya Mission on Teachers and Training	September 11, 2021	Online
3.	Mass Open Online Course (MOOC)	Digital Media	IGNOU, New Delhi	February 1, 2022 Onwards	Online
4.	Faculty Development	Faculty Development	Central University	January 30-	Online

	Program for Quality Improvement	Program	of Jharkhand, Ranchi	February 13 2022	
5.	Administrative Responsibilities: Coordinator, Department of Mass Communication Coordinator, Ek Bharat Shreshtha Bharat (EBSB), Central University of Jharkhand Sports In-charge, Central University of Jharkhand Administrative Warden-I, Central University of Jharkhand (Till 01 May 2021) NCC Officer, Central University of Jharkhand (Till 30 May 2021) Coordinator, Covid Vaccine Campaign.				
3. Ms. Rashmi Verma					
1.	Delivered lecture as Resource Person in FDP	Resource Person	Ramanujan College, University of Delhi	September 13, 2021	Online
2.	Guest Speaker in 15 days PR – Mass Communication Orientation Program	Guest Speaker	Public Relations Society of India (PRSI), Delhi	October 9, 2021	
3.	Attended Workshop on Systematic Literature Review	Attended	Commacad	October 30-31, 2021	Online
4.	Presented paper on “Communication for SDG 3: A Study of Non-Governmental Developmental Campaigns in Jharkhand” in 3 days International Conference.	Presented paper	5th National Media Conclave on ‘NEP2020: Media and digital technology’ virtually	November 22, 2021	Online
5.	Participated in five days FDP on the theme of “Inculcating Universal Human Values in Technical Education”	Participated	All India Council for Technical Education	November 29-December 3, 2021	Online
6.	Resource Person on “Empowering Women with Media Literacy”	Resource Person	Sakhi NGO, Bihar	Jan 30, 2022	Online
7.	Attended FDP QIP	Attended	Internal Quality Assurance Cell (IQAC), CUJ	January 30-February 13, 2022	Online
8.	Participated in 2 days workshop on “Academic & Research Writing”	Participated	Department of Environment Studies, Central University of Jharkhand	February 4-5, 2022	Online
9.	Resource person on “Media Literacy”	Resource person	School of Yoga, Ranchi University	February 26, 2022.	Online
10.	Attended 3 days FDP on Development Journalism	Attended	Press Club, Kolkata in collaboration with UNICEF	February 25-27, 2022	Online
11.	Resource person on	Resource person	Vikas Bharati	March 13,	Online

	“Media Literacy for Grass root Workers”		(NGO), Jharkhand	2022	
12.	Attended Global Online Training on “Demystifying Water and Waste Data for Communication and Action”	Attended	School of Environmental Communication, Centre for Science and Environment	March 7-21, 2022	Online
13.	Delivered lecture as resource person on “Media and Information Literacy”	Delivered lecture	Srijan Foundation (NGO), Jharkhand	March 27, 2022	Online
14.	Resource person in online workshops on “Media and Information Literacy for Higher Secondary Students”	Resource person	Organized by BBC Young Reporter India in in selected government schools (Ranchi and Garhwa District).	August-April, 2022	Online

4. Dr. Sudarshan Yadav

1.	<p>Scientific paper personally presented at the state/national/international conference: (Paper Presentation as Co-Author)</p> <ul style="list-style-type: none"> Paper titled Media and Communication Strategy Used in Covid-19 Management: A Case Study of Kerala in National Virtual Conference on Culture, Emotions and Human Crisis With Reference to Covid-19 during 23-25 March 2021. (Co-authors: Thanzeen K.C., Wrishav Roy) Paper titled Conceptualizing Political Humour in Digital Era: A Literature Review on Evolution of Political Humour from Print to New Media, in National Conference on Exploring Digital Media: Reshaping the Landscape of Society and Culture. Organized by: Department of Communication and Journalism, University of Mumbai, and St. Paul Institute of Communication Education for Women, Mumbai. Date of Conference/ Presentation: March 26, 2022. (Co-author: Pratibha Rani) Paper titled Representation of Women Characters in Digital Media Platforms: An Analysis selected web series, Family Man-2, in National Conference on Exploring Digital Media: Reshaping the Landscape of Society and Culture. Organized by: Department of Communication and Journalism, University of Mumbai, and St. Paul Institute of Communication Education for Women, Mumbai. Date of Conference/ Presentation: March 26, 2022. (Co-author: Wrishav Roy)
2.	<p>Organization of Conference/Seminar/ Workshop</p> <ul style="list-style-type: none"> Convener- Photography and Documentary Film Exhibition- Central University of Jharkhand Section- Jharkhand International Film Festival and Awards-2021 (workshops were organized under this three day event in October 2021). Convener – Webinar on Disability Empowerment, Media and Academic Intervention, (International Day of Persons With Disabilities) 03 Dec. 2021. Organised by: Equal Opportunity Cell, CUJ in collaboration with Ali Yavar Jung National Institute of Speech and Hearing Disabilities (Divyangjan), Mumbai
3.	<p>Refresher/Orientation course attended (detail):</p> <ul style="list-style-type: none"> FDP: QIP organized by Internal Quality Assurance Cell of Central University of Jharkhand, Ranchi, Jharkhand from 30 January 2022 to 13 February 2022.
4.	Extra/Co-curricular activities, Academic/Socio-Cultural/Sports, etc. in the CUJ

during the year and your contribution.					
<ul style="list-style-type: none"> • Convener- Photography and Documentary Film Exhibition- Central University of Jharkhand Section- Jharkhand International Film Festival and Awards-2021 • Contributed an article in the CUJ Newsletter. • Directed a documentary, Abua Raj, celebrating the contribution of freedom fighters of Jharkhand for Amrit Mahotsav celebration 2022 					
5. Dr. Amrit Kumar					
1.	Special Lecture	Coordinator	Contempt of court and legislature, Public Interest Litigations by Raghwendra Tiwari, Advocate, Honorable Supreme Court of India	August 5, 2021	Online
2.	One Week Workshop	Participated	workshop on NAAC by Jharkhand government tool room	November 8-13, 2021.	Online
3.	One Week Workshop	Participated	Research Methodology and Data analysis organized by Department of Commerce and Financial Studies	September 6-10, 2021.	Online
4.	External Expert of M.A. final year	As External Expert	Binod Bihari Mahto University, Dhanbad	Sep. 2021	Dhanbad
Administrative Responsibilities:					
Warden, Block A, Central University of Jharkhand					

School of Management Science

Business Administration

Sl.	Title of Activity	Nature of Participation	Place	Dates	Mode of Participation
1. Prof (Dr.) Bhagwan Singh					
1.	National Seminar	Key Note Speaker	Mahatma Gandhi Central University Motihari, North Bihar	Nov. 26, 2021	Online
2.	M. Phil Evaluation	Subject Expert	Mahatma Gandhi Central University Motihari, North Bihar	Jan. 22, 2022	Online
3.	M Com Policy Making Member of CDC	Subject Expert	IGNOU, New Delhi	Dec., 14 2021	Online
4.	National Webinar	Key Note Speaker	DEV Samaj College for Women	May 29, 2021	Online
5.	National Webinar	Key Note Speaker	IIBM, Patna	Jan., 9 2021	Online
6.	National Webinar	Key Note Speaker	IIBM, Patna	Feb., 26 2022	Online
7.	National Webinar	Key Note Speaker	IIBM, Patna	March 29, 2022	Online

8.	IQAC Lectures and Training Program	Key Note Speaker	Central University of Jharkhand (CUJ)	Feb., 7 2022	Online
9.	Entrepreneurship Development Program (EDP)	Key Note Speaker / Resource Person	MLSU Udaipur	June 8, 2021	Online
10.	Refresher Course	Key Note Speaker / Resource Person	IFTM Moradabad	March 18, 2021	Online
11.	Academic Council	Member, Invitee	JTU, Jharkhand	June 3, 2021	Hybrid
12.	Inspection of Affiliated Colleges	Chairman, Committee	JTU, Jharkhand	June 21, 2021	Online
13.	Inspection of Affiliated Colleges	Chairman, Committee	JTU, Jharkhand	June 28, 2021	Online
14.	Inspection of Affiliated Colleges	Chairman, Committee	JTU, Jharkhand	June 30, 2021	Online
2. Dr. Pragyan Pushpanjali					
1.	Presented a paper titled: “The Phased Economic development of India and South Korea -- A Comparative Analysis” in the 15th RASK Two Day International Webinar on “Multifaceted India-South Korea Relations: Exploring New Vistas for Deeper Collaboration” Organized by : Researchers’ Association for the Study of Korea(RASK) In Collaboration with Jamia Millia Islamia University & DFEL, Central University of Jharkhand.	Paper Presentation		Nov.12-13, 2021	Online
2.	Was invited as a speaker in the 1 st Webinar organized by Jharkhand Raksha Shakti University, Jharkhand, on Youth Leadership and pandemic response on	Invited Speaker in Webinar	Jharkhand Raksha Shakti University, Jharkhand, Ranchi	June 12, 2021	Online
3.	Conducted a training Session “Functional skill programme for HR” from 01.03.2021-05.03.2021. About 30 participants of E3 to E7	Resource Person and Trainer	Indian Institute of Coal Management, Ranchi	June 11, 2021	Class room Training

	grade (Personnel) from different subsidiaries of CIL on the Topic Paradigm shift from IQ to EQ to SQ				
4.	Conducted a training Session in Executive Development Program for Young Managers: Beyond the Boundary (EDP-1) on the topic Communication Skill and Interpersonal Effectiveness	Resource Person and Trainer	Indian Institute of Coal Management, Ranchi	April 30, 2021	Online
5.	Conducted a training Session in Programme on Ethics and Values for E3 to E7 level managers of Coal India on the topic Ethical Dilemma and Decision Making	Resource Person and Trainer	Indian Institute of Coal Management, Ranchi	June 29, 2021	Class room Training
6.	Conducted a training Session in Managerial Skill Development Program (1) for the newly recruited Management Trainees (MTs) posted in different subsidiaries, across all the disciplines on the topic Self – Development and Management	Resource Person and Trainer	Indian Institute of Coal Management, Ranchi	March 24, 2022	Online
7.	Conducted Training Sessions for Executives of E3-E5 Grades (across all disciplines) from CIL & its Subsidiaries On the topic Executives of E3-E5 Grades (across all disciplines) from CIL & its Subsidiaries	Resource Person and Trainer	Indian Institute of Coal Management, Ranchi	Sept. 24, 2021	Class room Training
8.	Conducted a training session in a 3 days Leadership Development Programme as per Govt. of India Directives on the Topic Conflict	Resource Person and Trainer	Shri Krishna Institute of Political Science and Public Administration, Ranchi	Sept. 14, 2021	Offline Class room Training

	Management and Negotiation Skills for Leaders				
9.	Conducted a training session in a 3 days Leadership Development Programme as per Govt. of India Directives on the Topic : Art of Listening and Counselling for Leaders	Resource Person and Trainer	Shri Krishna Institute of Political Science and Public Administration, Ranchi	Sept. 15, 2021	Offline Classroom Training
10.	Conducted a training session in a 3 days Stress Management Programme as per Govt. of India Directives on the Topic : Introduction to Stress Management	Resource Person and Trainer	Shri Krishna Institute of Political Science and Public Administration, Ranchi	Sept. 6, 2021	Offline Classroom Training
11.	Conducted a Session in Online 5th Faculty Induction Programme – Gurudakshata, UGC, HRDC, Ranchi University. Teachers from various Colleges and Universities across India on the topic: Intellectual Property Rights	Resource Person	Human Resource Development Centre, Ranchi University Campus, Ranchi	August 7, 2021	Online
12.	Conducted a Session in Online 6 th Faculty Induction Programme – Gurudakshata, UGC, HRDC, Ranchi University. Teachers from various Colleges and Universities across India on the topic: Intellectual Property Rights	Resource Person	Human Resource Development Centre, Ranchi University Campus, Ranchi	December 4, 2021	Online
3. Dr. Mahendra Singh					
1.	Delivered lecture on the topic- Quality Cultures- A Theoretical Framework in “IQAC Lectures and Training Program” organized by Central University of Jharkhand, Ranchi	Lecture	CUJ, Ranchi	January 30, 2022	Online
4. Dr. Nitesh Bhatia					

1.	Refresher Course in Commerce and Management (05.09.2021 – 18.09.2021) on 05.09.2021	Resource Person	UGC HRDC , Ranchi University	Sept. 5-18, 2021 05.09.2021	Online
2.	Orientation Program for newly promoted /recommended General Managers - Online interactive session on "Team-building and Interpersonal Skills	Resource Person	Indian Institute of Coal Management, CIL, Ranchi	July 15, 2021	Online
3.	SPSS Workshop for their students on 25th July 2021 "Introduction to the Basic Parametric and Non-Parametric Tests using SPSS"	Resource Person	Jharkhand Rai University, Ranchi	July 25, 2021	Online
4.	One Day national Seminar on the topic Ethical Research: Business Development prospectus	Invited Speaker	RKDF University Ranchi, University	November 20, 2021	Online
5.	National Webinar On Start-up India: Scope and Applicability for Jharkhand (with special reference to Women Entrepreneurs)	Convener	IIC Cell Central University of Jharkhand	August 18, 2021	Online
6.	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Employee Engagement"	Participant	University of Allahabad, Prayagraj	September 4-8, 2021	Online
7.	Innovation Ambassador training (Foundation Level, Total 16 Sessions of 30 contact hours)	Participant	MoE's Innovation Cell & AICTE	August 5 – 31, 2021	Online

Commerce and Financial Studies

Sl.	Title of Activity	Nature of Participation	Place	Dates	Mode of Participation
1. Dr. Kriti Bhaswar Singh, Associate Professor					
1	"A Review of India's Recent Status in hosting Clean Development Mechanism Projects"	Paper Presentation	3 rd International Finance Conference organized by the Centre for	March 29-30, 2022	Online

			Management Studies (CMS), Jamia Millia Islamia, New Delhi		
2	'Advances in Business Management & Technology'	Session Chair	Department of Management Science, Mahatma Gandhi Central University, Motihari	June 25-26, 2021	Online
3	'Literature Review for Research'	Resource Person	DCFS	Sep 6, 2021	Online
4	'Mutual Funds in India'	Resource Person	UGC-Human Resource Development Centre, Ranchi University	Sep 5, 2021	Online
5	Corporate Restructuring of Public Sector Banks in India – Present Scenario	Resource Person	Department of corporate Secretaryship, School of management, Alagappa university, Karaikudi, Tamilnadu	July 26-30, 2021	Online
2. Dr. Bateshwar Singh, Associate Professor					
1	Hypothesis Testing	Resource Person	Department of Business Administration, DDU Gorakhpur University; Gorakhpur	July 8-14, 2021	Online
2	Recent Advances in Direct Tax	Resource Person	National Conference organized by Faculty of Commerce and Business Studies, Motherhood University, Roorkee	August 14, 2021	Online
3	Recent Advances in Management and Research	Resource Person	School of management (SOM), Gautam Buddha University, Gr,	August 9-13, 2021	Online

			Noida		
4	Development of questionnaire	Resource Person	Workshop on Research Methodology organized by HRDC, University of Kashmir, Srinagar	August 20, 2021	Online
5	Personal Tax Planning	Resource Person	Refresher Course organized by HRDC, University of Kashmir, Srinagar	March 7, 2022	Online
6	Hypothesis Testing	Resource Person	DCFS	Sep 6-10, 2021	Online
7	Analysis of Shareholder's Return Using Panel Data: A Case Study of Indian Automobile Industry	Paper Presentation	ISDSI-Global Conference-2021 at IIM Nagpur, India	December 27-30, 2021	Online
8	"A Review of India's Recent Status in hosting Clean Development Mechanism Projects"	Paper Presentation	3 rd International Finance Conference organized by the Centre for Management Studies (CMS), Jamia Millia Islamia, New Delhi	March 29-30, 2022	Online
3. Dr. Ajay Pratap Yadav, Assistant Professor					
1.	One-Week Workshop on Research Methodology and Data Analysis organized by DCFS, CUJ	Resource Person	DCFS, CUJ, Ranchi	September 6 – 10, 2021.	Online
2.	Workshop under 5 days flagship event named CONSPECTUS comprising webinars and workshops	Keynote Speaker	Organized by Shyam Lal College, University of Delhi	October 6-10, 2021.	Online
3.	'Virtual International Conference on Innovative Practices in Commerce and Management during Pandemic Era (IPCM 2021)'	Session Chair	School of Commerce and Management, Central University of Rajasthan	November 25-26, 2021	Online
4.	ATAL FDP on "Time Series Analysis"	Participant	Organized by Institute of Management Studies, Banaras Hindu University.	December 26-30, 2021	Online
5.	ISDSI-Global	Presented a paper titled "An Analysis of	Organized by	December	Online

	Conference 2021	<i>Shareholder's Return using Panel Data: A Case of Indian Automobile Industry</i>	Indian Institute of Management Nagpur	27-30, 2021	
6.	Online Lecture & Training Programme on "Faculty Development Programme - QIP"	Participant	Organized by Internal Quality Assurance Cell (IQAC), Central University of Jharkhand	January 30 - February 13, 2022	Online
4. Dr. Pranay Parashar, Assistant Professor					
1.	ATAL FDP on "Finance for Non-Finance"	Resource Person	Nagpur	Jan 17-18, 2022	Online
2.	International Conference on "Stock Market: An Investment and Career Opportunity"	Resource Person	Nagpur	May 14, 2021	Online
3.	International Conference on "Changing Global Perspectives on Investments – Careers, Financial Statements and Sustainability"	Resource Person	Nagpur		Online
4.	International Conference on Understanding Implications of VUCAFU World	Resource Person	Nagpur	June 27, 2021	Online
5.	Workshop on Research Methodology	Resource Person	DCFS	Sep 7, 2021	Online

School of Natural Sciences

Mathematics

Sl.	Title of Activity	Nature of Participation	Place	Dates	Mode of Participation
1. Dr. P. K. Parida					
1.	A study on enclosing methods, A National Webinar on Recent Advances In Numerical Analysis	Speaker	Department Of Mathematics , Bishnu Samantray College, Nuahat, Arakhpur, Dist: Jajpur, Odisha	November 30, 2021	Online
2.	Fractional Chebyshev-Halley method for Solution of Nonlinear Equations, Online National Seminar on Recent Advances in Mathematics	Paper Presented	Ravenshaw University, Cuttack Odisha	26-28 October, 2021	Online
3.	Study of Fractional Iterative Methods for	Speaker	Academic Staff College, Ranchi	September 16-29,	Online

	Solution of Nonlinear Equations, Refresher course on Applied Mathematics		University,	2021	
4.	Study of Some Third Order Methods for Nonlinear Equations in Banach Spaces, Refresher course on Applied Mathematics	Speaker	Academic Staff College, Ranchi University	September 16-29, 2021	Online
5.	Faculty Development Programme-QIP	Participation	Central University of Jharkhand	Jan 30-Feb 13, 2022	Online
2. Dr. Jitendra Kumar					
1.	FDP on “ Mathematical Biology and Biostatistics”	Participation	Amity University, Kolkata	July 26-30,2021	
2.	FDP on “ Mathematics tools and recent advances in applied mathematics	Resource person	Madan Mohan Malvia University Gorakhpur	August 16-20,2021	Online
3.	FDP on “ Challenges of Higher Education in N.E. India”	Participation	E&ICT Academy IIT Guwahati	July 5-10, 2021	Online
4.	FDP on “ Machine Learning”	Participation	E&ICT Academy IIT Kanpur	July 19-24,2021	Online
3. Dr. Hrishikesh Mahato					
1.	ATAL Academy FDP on Data Analytics and Machine Learning	Participation	Central University of Jharkhand	Sept 20-24,2021	Online
2.	ATAL Academy FDP on 3D Printing and Design	Participation	Central University of Jharkhand	Jan 13-17,2022	Online
3.	Faculty Development Programme-QIP	Participation	Central University of Jharkhand	Jan 30- Feb 13, 2022	Online

Physics

Sl.	Title of Activity	Nature of Participation	Place	Dates	Mode of Participation
1. Prof. Sarang Medhekar					
1.	Consultative Workshop with the Stakeholders to Obtain Feedback/ Suggestions on Research and Development in Higher Education Institutions (HEIs)	Chairman	Central University of Jharkhand	Nov 12, 2021	virtual platform
2.	National Webinar On “Research Opportunities Over the	Organizing committee member	Department of Physics, CUJ in Collaboration with	October 2, 2021	virtual platform

	Horizon in Physical Sciences”		Indian Association of Physics Teachers (IAPT), RC-20		
3.	National conference “Condensed Matter Days 2021” (CMDAYS-21)	Patron	the Department of Physics, Central University of Jharkhand	Dec 10-12, 2021	virtual platform
4.	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Photonics: Fundamentals & Applications	Advisory Committee Member	Samarat Ashok Technological Institute, Vidisha MP	June 28- July 2, 2021	virtual platform
5.	National Science Day (NSD)-2022 “Sustainable Energy and Society”	Chairman	Department of Physics, CUJ	Feb 28, 2022	virtual platform
6.	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Photonics: Fundamentals & Applications"	Invited Lecture	Samarat Ashok Technological Institute, Vidisha MP	June 28- July 2, 2021	
7.	Online Lecture & Training Programme on “Faculty Development Programme-QIP” organised by Internal Quality Assurance Cell (IQAC),	Invited Lecture	CUJ, Ranchi, India	January 30 - February 13, 2022.	
8.	Evaluated Ph D Thesis	Ph D. examiner	Burdwan University	-	
2. Dr. Dharmendra Singh					
1.	29th edition of the national conference on Condensed Matter Physics “Condensed Matter Days 2021” (CMDAYS-21)	(Local Advisory Committee)	Organized by Department of Physics, CUJ	December 10-12, 2021	virtual platform
2.	National Science Day (NSD)-2022 on the theme “Sustainable Energy and Society”	Coordinator	Organized by Department of Physics, CUJ	February 28, 2022	virtual platform
3.	National Webinar on "Research Opportunities Over the Horizon in	(Program Convener).	Department of Physics CUJ, Ranchi, in collaboration with	2nd October 2021	virtual platform

	Physical Sciences"		Indian Association of Physics Teachers (IAPT), RC-20, India		
4.	"Online Lecture Series on Advances in Physical Sciences"	(Convener)	Department of Physics CUJ	August 9-13, 2021	virtual platform
3. Dr. Avijit Ghosh					
1.	Hybrid Nanogenerator Based Self-Powered Sensors, <i>World Sensor Congress</i> , Centre for Materials Technology (C-MET),	Lecture	Kerala	March 8-10, 2022	Poster presentation
4. Dr. Jayanta Kumar Baral					
1.	Organic Field-Effect Transistor Based Chemical Sensors	Oral Presentation	Center of Excellence for Electronics Technology (C-Met), Thrissur, Kerala, in association with Center of Excellence in IOT Sensors World Sensor Congress (WSC 2022)	March 8-10, 2022	virtual platform
2.	To organize the CM Days 2021 Conference	Joint Convener	Department of Physics, CUJ, Ranchi	Dec 10-12, 2021	Online mode
5. Dr. Bhupendra Singh					
1.	CMDAYS'2021	Co-chairing	CUJ, Ranchi	Dec 10-12, 2021	Online

Chemistry

Sl.	Title of Activity	Nature of Participation	Place	Dates	Mode of Participation
1. Prof. (Dr.) R. K. Dey					
1	Faculty Development Programme-QIP	Resource Person	CUJ, Ranchi	Jan 30-Feb 13, 2022	Virtual
2. Prof. (Dr.) A. K. Padhy					
1.	International Conference	Invited Talk	Annamalai University	Feb 12, 2022	Virtual
2.	Orientation programme	Resource Person	JNU, New Delhi	Feb 16, 2022	Virtual
3.	Faculty Development Programme/Refresher	Resource Person	Ranchi University	Aug 18, 2021	Virtual
4.	Conference	Chair Person	Orissa Chemical Society	Dec 19, 2021	Physical
5.	Faculty Development Programme-QIP	Resource Person	CUJ, Ranchi	Jan 30-Feb 13, 2022	Virtual

3. Dr. Soumen Dey					
1.	Dr. Soumen Dey	Resource person	UGC-HRDC, Ranchi University	Dec. 20, 2021	Virtual
4. Dr. Raj B. Singh					
1.	Faculty Development Programme-QIP	Participant	CUJ, Ranchi	Jan 30- Feb 13, 2022	Virtual
2.	Essential of Oxidation, Reduction and C-C Bond Formation Application in Organic Synthesis	Participant	Ranchi	January to April 2021	Virtual
3.	Metal Mediated Synthesis I	Participant	Ranchi	July- August 2021	Virtual
5. Dr. Partha Ghosh					
1.	Online Webinar	Invited Talk	Dhenkanal College, Odisha	February 17, 2022	Virtual
2.	Faculty Development Programme-QIP	Resource Person	CUJ, Ranchi	Jan 30- Feb 13, 2022	Virtual
3.	Online International Conference	Conference Secretary	CUJ, Ranchi	July 2-4, 2021	Virtual
4.	e-Workshop	Participant	CSIR-IMMT, Bhubaneswar	June 14- 19, 2021	Virtual
5.	12 weeks FDP	Participant	SWAYAM	Jul-Oct 2021	Virtual
6. Mr. Simon Watre Sangma					
1.	Chemistry and Physics of Surfaces and Interfaces	FDP (NPTEL – AICTE)	NPTEL – AICTE	July – Sept. 2021	Online
2.	Approximate Methods in Quantum Chemistry	FDP (NPTEL – AICTE)	NPTEL – AICTE	January – March 2022	Online
7. Dr. Arvind Lal					
1.	Short term online course on : Advance Material Characterization.	Participant	Roorkee, Uttarakhand,	April 24, 2021	Virtual
2.	International Conference on chemistry for sustainable development.	Resource person	CUJ, Ranchi	July 2-4, 2021	Virtual
3.	Association of Chemistry teachers association	Resource person	Goa	Sept. 4, 2021	Virtual
4.	International conference on AIPRSM-2021	Participants	L.N.M. University, Darbhanga, Bihar	Oct, 25- 26, 2021	Virtual
5.	FIP-QIP	Participants	CUJ, Ranchi	Jan 30- Feb 13, 2022	Virtual
6.	FDP (SWAYAM)	Participants	IIT Roorkee.	Jan- March-	Virtual

				2022.	
7.	FIP	Participants	TLC-Ramanujan College University of Delhi	Dec. 20, 2021-Jan. 19, 2022	Virtual
8. Dr. Md. Shahid					
1.	Faculty Development Programme-QIP	Participant	CUJ Ranchi	Jan 30-Feb 13, 2022	Virtual
2.	Workshop on "NAAC" organized by Jharkhand Government Tool Room	Participant	Ranchi	Sep 8-13, 2022	Virtual
3.	International Symposium on: Chemistry for sustainable development	Participant	CUJ Ranchi	July 2-4, 2021	Virtual

Life Sciences

Sl.	Title of Activity	Nature of Participation	Place	Dates	Mode of Participation
1. Dr. Manoj Kumar					
1.	2nd International Conference on Emerging Trends in Life Sciences (ICETLS)	Invited Speaker	Department of Botany Telangana University, Dichpally, Nizamabad-503 322, Telangana State	Jan. 28-29, 2022	Online
2. Dr. Rajakishore Mishra					
1.	Topic: Lessons from treatment failure mechanism for combating oral cancer: a journey towards improving the quality of human life	Invited Lecture	MSCBD University, Baripada	March 29, 2022	OFFLINE
2.	Faculty Development Programme -QIP organized by CUJ	Participation	IQAC, CUJ	Jan 30-Feb 13, 2022	ONLINE
3. Dr. Hena Firdaus					
1.	Topic: Comparative analysis of effect of heavy metals Pb and Cd on the hemocytes of Drosophila melanogaster.	Oral Presentation	International multidisciplinary Conference on "Geography, Environment and sustainable development"	July 3, 2021	ONLINE
2.	Faculty development Programme -QIP	Participation	CUJ, Jharkhand	Jan 30-Feb 13, 2022	ONLINE
3.	NPTEL-AICTE Faculty	Certificate course of	NPTEL-AICTE via	July-Oct	ONLINE

	Development Programme, Course name – Experimental Biotechnology	12 weeks	Swayam portal	2021	
4. Dr. Anil Kumar					
1.	“Faculty Development Programme-QIP”	Participation. Certificate No.: FDP-IQAC-CUJ-2022-131	Internal Quality Assurance Cell (IQAC), Central University of Jharkhand, Ranchi, India	Jan 30-Feb 13, 2022	ONLINE
2.	Invited Lecture on “Preparation of culture media and antibiotics sensitivity”	Invited Lecture	Nirmala College, Ranchi, Jharkhand	February 10, 2021.	OFFLINE
3.	“Recent Trends In Transforming Life Sciences - Focus On Academia & Industry Symbiosis” International faculty development programme (virtual) on “Recent Trends In Transforming Life Sciences - Focus On Academia & Industry Symbiosis” held from 13-18 September 2021, organised by Department of Biotechnology, Nizam College (A), Osmania University in association with Government City College and Loyola Academy, Hyderabad.	International faculty development programme	Department of Biotechnology, Nizam College (A), Osmania University in association with Government City College and Loyola Academy, Hyderabad.	September 13-18, 2021	ONLINE
5. Dr. Praveen Kr. Sharma					
1.	FDP -QIP organised by CUJ	Invited talk	“Scientific Misconduct: Falsification, Fabrication and Plagiarism”	Jan 30-Feb 13, 2022	Online
2.	FDP -QIP organised by CUJ	Participation		Jan 30-Feb 13, 2022	Online
3.	ATAL-FDP 3D printing and Design	Participation		Jan 13-17, 2022	Online

Computer Science & Technology

Sl.	Title of Activity	Nature of	Place	Dates	Mode of
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		Participation			Participation
1. Prof.(Dr.) Subhash Chandra Yadav					
1.	FDP on "Data Science and Machine Learning	Organizer	DCST, CUJ	Sept. 20-24, 2021	Online
2.	FDP on "3D Printing and Design"	Participant	CUJ	Jan. 13-17, 2022	Online
3.	National Webinar on the topic "Data Science and Machine Learning"	Invited Speaker	IIBM, Patna	August 2021	Online
4.	International Conference on AIPRSM-2021	Invited Speaker	LNM Univ Darbhanga	Oct.2021	Online
5.	National Webinar Emerging Trends in Computer Science and IT	Invited Speaker	NSIT, Patna	July 2021	Online
6.	Refresher on Cloud Computing	Resource Person	DDU GKP	Sept 2021	Online
7.	"NEP 2020_Role of IT" in IQAC	Invited Talk	CUJ	Feb 2022	Online
8.	"NEP 2020_Role of IT" in IQAC	Session Chair	CUJ	Feb 9, 2022	Online
2. Dr. Prashant Prashun					
1.	Smart India Hackathon organized by AICTE and Ministry of Education Innovation Cell	Evaluator	Ministry of Education, Delhi	Feb.2022	Online
2.	Day FDP on Data Analytics and Machine learning sponsored by AICTE, ATAL	Coordinator	DCST, CUJ	September 20-24, 2021	Online
3.	FDP in AICTE Training and Learning (ATAL) Academy Online FDP Data Analytics and Machine Learning	Resource Person	DCST, CUJ	September 20-24, 2021	Online
4.	Symposium on "Machine Learning Applications in Physics"	Participant	SRM University	Dec.18, 2021	Online
5.	GURU DAKSHTA 7 th Faculty Induction/Orientation Programme (FIP) for Faculty in Universities/Colleges/Institutes of Higher Education	Participant	UGC- Human Resource Development Centre, Ranchi University, Ranchi	Dec. 03-30, 2021	Online
3. Dr. Kanojia Sindhuben Babulal					
1.	FDP on Data Analytics and Machine Learning Sponsored by AICTE ATAL	Expert Lecture	DCST, CUJ	September 20-24, 2021	Online

2.	4-Week Induction/Orientation Programme for Faculty in Universities/Colleges/Institutes of Higher Education	Participant	Teaching Learning Center, Ramanujan College, University of Delhi under the aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.	April 16- May 15, 2021	Online
3.	FDP on Data Analytics and Machine Learning Sponsored by AICTE ATAL	Participant	DCST, CUJ	September 20-24, 2021	Online
4.	One Week FDP in AICTE Training and Learning (ATAL) Academy Online FDP on Robust AI: Building through data exploration, pre-processing and representation	Participant	IIT, Naya Raipur, Chhattisgarh	October 01- 05, 2021	Online
5.	One Week FDP in AICTE Training and Learning (ATAL) Academy Online FDP on 6G Wireless Communication	Participant	IIT Dhanwad	Dec. 20-24, 2021	Online
6.	One Week FDP in AICTE Training and Learning (ATAL) Academy Online FDP on "Data Analysis using SPSS	Participant	CMP Degree College, Allahabad	Jan. 03-07, 2021	Online
7.	International Conference on MEDCOM-2021	Full Paper Published, Springer	G L Bajaj Institute of Technical Management, Greater Noida	Oct 29-31, 2021	Online
8.	4 th International Conference on Futuristic Trends in Networks and Computing Technologies (FTNCT 2021)	Full Paper Published, Springer	Nirma University, Ahmedabad	Dec 10-11, 2021	Online
4. Dr. Pushendra Kumar					
1.	4-Week Induction/Orientation Programme for Faculty in Universities/Colleges/Institutes of Higher Education	Participant	Teaching Learning Center, Ramanujan College, University of Delhi under the aegis of Ministry of Education Pandit Madan Mohan	April 16- May 15, 2021	Online

			Malaviya National Mission on Teachers and Teaching.		
2.	Expert Talk on “Supervised Machine Learning Techniques with Hands-on Session”	Expert Lecture	Department of Computer Applications, Oriental Institute of Science and Technology, Bhopal.	May 26, 2021	Online
3.	FDP on Data Analytics and Machine Learning Sponsored by AICTE ATAL	Expert Lecture	DCST, CUJ	September 20-24, 2021	Online
4.	FDP on Data Analytics and Machine Learning Sponsored by AICTE ATAL	Participant	DCST, CUJ	September 20-24, 2021	Online
5.	One Week Online Elementary ATAL FDP on "Robust AI: Building through data exploration, pre-processing and representation"	Participant	IIIT, Naya Raipur, Chhattisgarh	October 01- 05, 2021	Online
6.	One Week Online Advanced ATAL FDP on "Robust AI: Building through data exploration, pre-processing and representation"	Participant	IIIT, Naya Raipur, (CG)	Feb. 4- 8, 2022	Online
7.	IEEE International Conference on Technology, Research & Innovation for Betterment of Society (TRIBES-2021)	Session Chaired	IIIT Naya Raipur, Chhattisgarh, India.	December 17-19, 2021	Online
8.	IEEE International Conference on Technology, Research, and Innovation for Betterment of Society (TRIBES)	Paper Published, IEEE	IIIT, Naya Raipur, India,	17-19 December 2021	Online

School of Languages

English Studies

Sl.	Title of Activity	Nature of Participation	Place	Dates	Mode of Participation
1. Prof. (Dr.) Shreya Bhattacharji					
1.	Invited Lecture on “Six	Invited paper	Department of	January	Online

	Decades of Things Fall Apart		English, Midnapore College, Medinipur, West Bengal	29, 2022.	
2.	16 Days Webinar Series by 16 Indian Universities in commemoration of International Day for the Elimination of Violence against Women	Presented as Resource Person “Incarcerated Voices: Women, Violence and Prisons in India”	Organized by Pondicherry University, Bharathidasan University, Indian Association for Women’s Studies, Regional Association for Women’s Studies and All India Women’s Studies Students Forum	December 2, 2021.	
3.	National Webinar on Feminism: Critical Perspectives	Presented as Eminent Speaker “Locating Gender at the Grassroots: A Study of Select African Narratives”	Organized by Department of English, supported by IQAC, Birbhum Mahavidyalaya, West Bengal	Nov. 22, 2021.	Online
4.	One-week National level FDP on The New Vistas of English Studies	Presented as Resource Person “Closeted Worlds/Disowned Lives: Reading Trans/Same Sex Lives through Select Indian Texts”	Organized by Department of Languages, Presidency University, Bengaluru, 20 th - 26 th September, 2021	Sept. 23, 2021.	Online
5.	Refresher Course in English (thrust area Indian Literature)	As Resource Person delivered two lectures ““I Want to be Known as People’s Poet” Jacinta Kerketta: the Voice of Tribal Jharkhand” and “Locating the Threadbare Seams: Reading India’s Partition and Nigeria’s Annexation through Select Narratives” at	Organized by UGC-HRDC in collaboration with Department of Studies in English, University of Mysuru, 26 th August - 08 th September, 2021.	Sept. 4, 2021.	Online

Far East Languages

Sl.	Title of Activity	Nature of Participation	Place	Dates	Mode of Participation
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1. Dr. Konchok Tashi					
1.	Two-Day International Webinar on 'Multifaceted India-South Korea Relations: Exploring New Vistas for Deeper Collaboration	Presented a paper on 'A Comparative Analysis of Korean and Tibetan Lexical Semantics'	Organized by Researchers' Association for the Study of Korea (RASK) in collaboration with Department of Far East Languages, Central University of Jharkhand, Ranchi and Jamia Millia Islamia, New Delhi.	Nov. 12-13, 2021	online
2.	43rd International Conference of the Linguistic Society of India (ICOLSI-43)	Presented a paper on 'the polysemy of the deictic motion verbs in Ladakhi' in the form	In collaboration with the Central Institute of Indian Languages, Govt of India, Mysore	December 21-23, 2021	online
3.	two-day International Seminar on 'Current Trends in Linguistics'	Presented a paper on 'Language policy in the newly formed Union Territory of Ladakh: A linguistic perspective'	Organized by Department of Linguistics, University of Kashmir, Srinagar (J&K)	10-11 January 2022	online
4.	International Webinar on 'Current Trends in Lexical Semantics'	Presented a paper on 'the semantic field of motion verbs in Ladakhi: the case of 'walk' and 'descend or get down'	Organized by Department of Linguistics, University of Kerala	February 1-3, 2022	online
5.	One-Day National Webinar on "Ladakhi Language: Origin, Development & Current Status"	Was invited to deliver a Special Invited Lecture on the topic entitled 'Origin & Development of Ladakhi Language'	Organized by Kunzom Summer School, Leh, Union Territory of Ladakh	June 5, 2021	online
6.	Interdisciplinary Refresher Course through online mode on 'Environmental Studies & Disaster Management'	Attended a 2-week Interdisciplinary Refresher Course through online mode on 'Environmental Studies & Disaster Management' and obtained grad-A.	UGC-Human Resource Development Centre, Ranchi University, Ranchi	Nov. 17-30, 2021	online

7.	One Day Workshop on 'Revised Framework of NAAC accreditation: an awareness program'	Participated in the online NAAC Sponsored Interactive One Day Workshop on 'Revised Framework of NAAC accreditation: an awareness program'	Organized by the Internal Quality Assurance Cell (IQAC) of Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh	Nov. 26, 2021	online
8.	in one day National Webinar on 'Carbon Emission & Climate Change in India'	Participated in one day National Webinar on 'Carbon Emission & Climate Change in India'	Organized by Department of Botany in association with Internal Quality Assurance Cell (IQAC), Jamshedpur Cooperative College, Jamshedpur	January 18, 2022	online
9.	online Lecture & Training Program on 'Faculty Development Program-QIP'	Participated in the online Lecture & Training Program on 'Faculty Development Program-QIP'	organized by Internal Quality Assurance Cell (IQAC), Central University of Jharkhand, Ranchi	January 30-13, 2022	online
2. Shashi Kumar Mishra					
1.	Presented Paper entitled "Relevance of Oral Narratives in Foreign Language Teaching Classroom" in Two Day 15 RASK International Webinar	Paper presented	Organized by Researchers' Association for the Study of Korea (RASK) in collaboration with Department of Far East Languages, CUJ & JMI on Googlemeet	Nov. 12-13, 2021	online
2.	Presented Paper entitled "Teaching folklore in Foreign Language Classroom: A case Study of Central University of Jharkhand" in Two Day National Seminar	Paper presented	Central University of Jharkhand		DFEL, CUJ
3.	Delivered Lecture as Resource Person on Foreign Fellowship for	Resource Person	Hari Singh Gaud Central University, Sagar	Sept. 14, 2021	online

	Indian Faculty in FDP				
4.	Delivered Lecture as Resource Person on Foreign Fellowship for Indian Faculty in FDP	Resource Person	Hari Singh Gaud Central University, Sagar	Nov. 21, 2021	online
5.	Delivered Lecture as Resource Person on Foreign Fellowship for Indian Faculty in FDP	Resource Person	Hari Singh Gaud Central University, Sagar	December 14, 2021	online
6.	Delivered Lecture as Resource Person on Foreign Fellowship for Indian Faculty in FDP	Resource Person	Hari Singh Gaud Central University, Sagar	February 18, 2022	online
7.	Delivered Lecture as an Invited Speaker on Korean Education System	Invited Speaker	Department of East Asian Studies, University of Delhi	March 14, 2022	online
8.	Faculty Development Programme (FDP-QIP)	Participants	Internal Quality Assurance Cell (IQAC), Central University of Jharkhand, Ranchi	Jan. 30- Feb. 13, 2022	online

3. Mr. Mukesh Kumar Jaiswal

1.	Delivered a Lecture as an additional Resource Person on 'Korean language teaching practice -I'	Additional Resource Person	Korean Language Techers Training Program 2021-22 organized by CKS, JNU	December 21, 2021	Online
2.	Delivered a Lecture as an additional Resource Person on 'Korean language teaching practice -II'	Additional Resource Person	Korean Language Techers Training Program 2021-22 organized by CKS, JNU	December 28, 2021	Online
3.	Delivered a Lecture as an additional Resource Person on 'Korean Language teaching methodology-Korean language grammar teaching'	Additional Resource Person	Korean Language Techers Training Program 2021-22 organized by CKS, JNU	October 7, 2021	Online

4. Mr. Sushant Kumar

1.	Attended online lecture	Participant	Organized by	Jan 30-	Online
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	& training program on 'FDP-QIP'		IQAC, CUJ	13, 2022	
2.	Greater China Summer Workshop Program in Chinese studies	Participant	Organized by SDCF, Hong Kong	July 16-Aug. 14, 2021	Online
3.	Refresher Course	Participant	Organized by UGC-HRDC, Ranchi University	Dec.4-17, 2021	Online
4.	Two-Day International Webinar on 'Multifaceted India-South Korea Relations: Exploring New Vistas for Deeper Collaboration	Coordinator	Organized by Researchers' Association for the Study of Korea (RASK) in collaboration with Department of Far East Languages, Central University of Jharkhand, Ranchi and Jamia Millia Islamia, New Delhi.	Nov. 12-13, 2021	Online
5. Dr. Kalsang Wangmo					
1.	E-Conference on Revisiting Gandhian Perspective on Development: Reflections on Culture, Society and Politics.	Paper Presenter	Organized by Gandhi Study Circle, Kalindi College. University of Delhi & Indian Council for Cultural Relation (ICCR), New Delhi	Sept. 3-4, , 2021	Online Mode
2.	National Virtual Conference on Culture, Emotions and Human Crisis with reference to Covid-19		Organised by Department of Tribal Studies, School of Culture, Central University of Jharkhand	March 23-25, 2022	online
3.	Faculty Development Programme (FDP-QIP)	Participants	Internal Quality Assurance Cell (IQAC), Central University of Jharkhand, Ranchi	Jan. 30-Feb. 13, 2022	online
4.	Refresher Course in Tribal Studies (ID)	Participants	North -East Hill University (NEHU), Shillong,	Nov. 1-16, 2021	online

				Meghalaya	
6. Mrs Arpana Raj					
1.	Two-Day Webinar on “Challenges of Promoting Chinese Language Learning & Teaching in India”	Paper Presentation	Department of Foreign Languages, Aligarh Muslim University	April 27-28, 2021	Online mode
2.	National Virtual Conference on Cultural, Emotions and Human Crisis with Reference to Covid-19	Paper Presentation	DTS, CUJ, Ranchi	March 23-25, 2022	Online mode
3.	Faculty Development Programme on Developing MOOCS: Concepts and Tools	Participation in FDP	Teaching and Learning Centre, Ramanujan College, University of Delhi	March 10-16, 2022	Online Participation
4.	Faculty Development Programme-QIP	Participation in FDP	IQAC Cell, CUJ, Ranchi	Jan.30-Feb.13, 2022	online
7. Mr. Sandeep Biswas					
1.	In two-day International Virtual Conference on Challenges & Opportunities of Teaching & Learning a Foreign Language: Contemporary Perspectives	Presented paper on “Recreating Gender Ideologies in Translation: A Cross-linguistic Study of English Lexicon into Chinese”	Central University of Karnataka	November 9-10, 2021	Online
2.	Two-Day International Webinar on ‘Multifaceted India-South Korea Relations: Exploring New Vistas for Deeper Collaboration	Coordinator	Organized by Researchers’ Association for the Study of Korea (RASK) in collaboration with Department of Far East Languages, Central University of Jharkhand, Ranchi and Jamia Millia Islamia, New Delhi.	November 12-13, 2021	Online

Hindi

Sl.	Title of Activity	Nature of Participation	Place	Dates	Mode of Participation
1. Dr. Jagdish Saurabh					
1.	Literary Talk	Participation	Unbound script	Oct. 24, 2021	Online
2.	Hindi Diwas Programme	Chief Speaker	GAIL India	Sept. 14, 2021	Offline

School of Engineering and Technology**Nanoscience & Technology**

Sl.	Title of Activity	Nature of Participation	Place	Dates	Mode of Participation
1. Dr. Gajendra Prasad Singh					
1.	3D Printing and Design, Faculty Development Programmes	Participant	AICTE & CUJ, Ranchi	January 13-17, 2022	Online
2.	Nanomaterials and their Properties	Participant	NPTEL- AICTE	July 26-October 24, 2021	Online
3.	Solar Photovoltaics Fundamentals, Technology and Applications	Participant	NPTEL- AICTE	July 26-Sept. 26, 2021	Online
2. Dr. A.S.Bhattacharyya					
1.	Solid State Physics	Participant	NPTEL	Aug.- Oct., 2021	Online
2.	Fundamentals of Electronic Devices and Materials	Participant	NPTEL	Jan – Mar 2022	Online
3.	Faculty Development Programme QIP” organised by Internal Quality Assurance Cell (IQAC), Central University of Jharkhand	Participant	IQAC, CUJ, Ranchi	Jan. 30-Feb. 13, 2022	Online
3. Dr. Lawrence Kumar					
1.	An introduction to materials: Nature and Properties (Part 1: structure of Materials)	Participant	NPTEL	July-Sept. 2021	Online
4. Dr. Ramesh Oraon					
1.	ATAL Online elementary FDP on 3D Printing and Design	Participant	AICTE & CUJ	January 13-17, 2022	Online
5. Dr. Ram Kishore Singh					
1.	Short Term Training Programme through ICT Mode	Participant	NITTR, Kolkata	January 17-28, 2022	Online
2.	Online certification course and One week FDP Programme	Participant	NPTEL	Feb - April 2022	Online

Energy Engineering

Sl.	Title of Activity	Nature of Participation	Place	Dates	Mode of Participation
1. Dr. D. B. Lata					
1.	Sustainable Product Design and Manufacturing (Phase II)	Actively Participation	Online mode	April 15-21, 2021	
2.	Alternative Fuel for IC	Actively	Online Mode	August 2-	

	Engineer	Participation		8, 2021	
2. Dr. Basudev Pradhan					
1.	Material Characterization	Invited Talk	Entrepreneurship & Career Hub and Department of Physics, University of Kalyani	February 20, 2022	
2.	AICTE-ATAL-FDP Course on desalination by using green technologies	Invited Talk	NIFFT Ranchi, Jharkhand	August 9-13, 2021	
<p>1. The Hindu : Can the ayurvedic kamala fruit harness the power of the sun? 2. Dainik Jagaran: Rori fall se Solar cell 3. Sangbad Pratidin: সূর্যথেকেআলোশুশেষক্তি জোগাচ্ছে জঙ্গলমহলের বিশেষ ফল, আবিষ্কার বাঙালিগবেষকের 4. Prabhat Khabor: Rori fall se Solar cell 5. सेंट्रल यूनिवर्सिटी ऑफ़ झारखण्ड ने रोरी (कमला) फल से सोलर सेल बनाय 6. Lagatar 24: Central University of Jharkhand researchers make solar cells from Jharkhandi fruit. 7. The times of truth: Can the ayurvedic kamala fruit harness the ability of the solar? 8. Time Break: Can kamala fruit harness the power of the sun? 9. Divya-bharat: Can kamala fruit harness the power of the sun? 10. Granthsala India: Central University of Jharkhand made solar cell from the fruit of Rori, research published in International Journal of Energy Research Perovskite Solar Cells 11. PV – Magazine https://www.pv-magazine.com/2021/05/31/lead-free-perovskite-solar-cell-with-potential-efficiency-of-27-4/</p>					
3. Prof .S. K. Samdarshi					
1.	Gaurav K., Kumari N., Samdarshi S.K., Bhattacharyya A.S. (2021) A Simplified Non-iterative Method for Extraction of Parameters of Photovoltaic Cell/Module. In: Bose M., Modi A. (eds) Proceedings of the 7th International Conference on Advances in Energy Research	Springer Proceedings		August 26-28, 2021	Springer Proceedings in Energy. Springer, Singapore. https://doi.org/10.1007/978-981-15-5955-6_99
2.	Shubham Sanyal and S.K. Samdarshi (2022) An assessment of the operational and financial aspects of the power distribution sector for the Indian state of Jharkhand	Paper presented at IEEE conference 2nd IEMRE 2022	Institute of Engineering & Management, Kolkata, India	February 25-27, 2022	https://doi.org/10.1007/978-981-15-5955-6_99
3.	Invited panelist during panel discussion on “Just Transition in Jharkhand”	Invited panelist	Co-organized by Centre for Environment and Energy Development	August 17, 2021	

			(CEED), and CoE-GEET, CUJ, Ranchi NewDelhi		
4.	Invited lecture on “New developments, and performance enhancement and evaluation tools of solar cooking and solar photocatalytic applications systems” on the National Webinar on “Recent Advances in Renewable Energy Technology”	Invited lecture	Dept. of Mechanical Engg, North Eastern Regional Institute of Technology, Itanagar, Arunachal Pradesh, India	September 17, 2021	
5.	Participate in International Solar Energy Society (ISES) first meeting of International cooperation in higher education on Higher Education on Renewable Energies in core as one of the supervisor	supervisor	International Solar Energy Society (ISES)	June 7 2021	Online
4. Dr. Sachin Kumar					
1.	Dr. Sachin Kumar has reviewed Total 36 manuscripts reviewed from prestigious international journals				
2.	Dr. Sachin Kumar has One of Lead Guest Editors for Special Issue on Bio Energy Conversion Technologies for Sustainable Transition in an Elsevier Journal Sustainable Energy Technologies Assessments with Impact Factor 7.6 from 15 th November 2021 to till date.				

Water Engineering and Management

Sl.	Title of Activity	Nature of Participation	Place	Dates	Mode of Participation
1. Dr. Pratibha Warwade					
1.	R. Raj, N. Isaac, P. Warwade, Prediction of Sedimentation Pattern in Run-of-the-River Projects using HECRAS Model	Attended	Indian Institute of Technology Madras, Chennai, India,	March 23 to 25, 2022.	SUWAM 2022
2. Dr. Shikha Chourasiya					
1.	Faculty Development Programme-QIP	Attended	(IQAC), CUJ, Ranchi.	Jan.30-Feb. 13, 2022.	Online
2.	Application of Optimization Techniques in Engineering (AOTE)	Attended	Department of Mechanical Engineering, Zakir Hussain College of Engineering and Technology, AMU, Aligarh	March 28- April 1, 2022	Online

*School for the Study of Culture***Tribal Studies**

Sl.	Title of Activity	Nature of Participation	Place	Dates	Mode of Participation
1. Dr. Sucheta Sen Chaudhuri					
1.	IQAC Faculty Training Programme	As Eminent Resource Person on “Role and Responsibilities of Internal Complaint Committee in University Development” Lecture No. 16	IQAC Cell CUJ	February 8, 2022	Online
2. Dr. Rajanikant Pandey					
1.	Two-Week Refresher Course Work/FDP	As a participant on “Advanced Research Methodology Tools and Techniques”	Teaching Learning Centre, Ramanujan College, University of Delhi, New Delhi	April 15-30, 2021	Online
2.	International Seminar	Presented a paper entitled Anthropology and its Technological Encounters: Exploring Indian Context	IUAES Congress, Yucatan, Mexico	November 9 & 13, 2021	Online
3.	International Seminar	As a Convener of the Panel no. 44	IUAES Congress, Yucatan, Mexico	November 9 & 13, 2021	Online
4.	FDP-QIP	As a participant	CUJ, Ranchi	Jan.30-Feb. 13, 2022	Online
3. Dr. Seema Mamta Minz					
1.	2021-2022 Online Course	As Eminent Resource Person on Tribal Studies	Ranchi University, Ranchi, Jharkhand	January 6-19, 2022	Online
2.	2021-2022 Online Course	As Eminent Resource Person on Multi-disciplinary Refresher Course in Social Science	Ranchi University, Ranchi, Jharkhand	February 2-15, 2022	Online
4. Dr. T. Neishoning Koireng					
1.	National Conference	Presented a paper titled “A Glance at covid-19 from Ethnic Community Perspective” on the	Department of Tribal Studies Central University of Jharkhand at	23 - 25 March 2022.	Online

		National Virtual Conference on 'Culture Emotions and Human Crises with Reference to Covid - 19'	Cheri-Manatu,		
5. Mr. Sudhanshu Shekhar					
1.	Published an essay	भारत की 196 भाषाएँ विलुप्त होने के कगार पर	In Newspaper		
2.	FDP-QIP	As a participant	CUJ, Ranchi	January 30-February 13, 2022	Online

Performing Arts

Sl.	Title of Activity	Nature of Participation	Place	Dates	Mode of Participation
1. Dr. Jaya Shahi					
1	International Webinar on Ragang (Raag Vargikaran Paddhati)	International Webinar (Participated only)	Organised by Dept. of Music, SNTD College of Arts, Mumbai	June 28-30, 2021	Online
2	International Webinar on University Music Education System and NEP 2020 : The views and visions of young generation teachers	International Webinar (Paper Presented)	Organised by Dept. of Vocal Music, Faculty of Performing Arts, BHU, Varanasi	Oct.4-6, 2021	Online
2. Dr. Deepika Srivastava					
1.	FDP One week Programme ATAL	Participation	ATAL	Feb 21-25, 2022	Online
2	FDP (JNVU)	Participation	UGC-HRDC, Jodhpur 25-30 March, 2022	March 25-30, 2022	Online
3	FDP/	Participation	GGU Bilaspur	Jan. 25-29 2022	Online
4	National Seminar on Rabindra Sangeet ke Manchan mein Baul Gaan Evam Keertan Ke Prahbhav	Participation	Organized by NaadNartan Journal & Ministry of Culture, Haridwar	Feb. 12-13, 2022	Offline

5	International webinar on various dimensions of Indian Classical and Semi Classical Music	Participateion	Department of Music, Late. Sow Kamaltai Jamkar Mahila Mahavidyalay, Parbhani,	July 7-9, 2021	Online
6	National Webinar on 'Filmon mein loksangeet evam shastriya sangeet'	Paper Presentation	Arya PG College, Panipat. Haryana	July 2-3, 2021	Online
	National Seminar on Gazal Gayiki ke Khayal-Sarokar	Participation	Sanatan Dharma College, Ambala Cant.	July 11, 2021	Online
7	International E-Seminar, Aazad Bharat Mein Sangeet Evam Rangmanch ki Kala-Yatra'	Paper Presentation		Feb. 9-10, 2022	Online
3. Dr. Venkata Naresh Burla					
1.	"Study of Theatre as a Source of Health Promotion during the Pandemic" in a National Virtual Conference on Culture, Emotion and Human Crises with reference to COVID-19	Paper Presentation	organized by Department of Tribal Studies, School for the Study of Culture CUJ, Ranchi	March 23-25, 2022	Online
2	"Role of Theatre in Personality Development" in two days international seminar on Role of Literature and Arts in Personality Development	Extension lecture	Development organized by 'The Department of Life Long Learning University of Rajasthan, Jaipur'	Feb 25-26, 2022	Online

School of Natural Resource Management

Geoinformatics

Sl.	Title of Activity	Nature of Participation	Place	Dates	Mode of Participation
1. Dr. Amit Kumar					
1.	"Applications of Geoinformatics in Urban and Vegetation Studies" in a DST's Winter School in Geospatial Science and Technology (Level 1) program	Invited Talk as a Resource Person	Suresh Gyan Vihar University, Jagatpura, Jaipur (India)	January 24, 2022	Online mode
2.	Remote Sensing for	Acted as	Amity University,	January 7,	Online mode

	meteorological hazard-risk assessment' in a Panel Discussion on 'Remote sensing and GIS as effective tools for Decision-Support Systems, Advance Research, and Disaster management' in a Three days' Workshop cum Training Programme "Climate Modelling and Remote Sensing Applications for Environmental Systems"	panelist and delivered a talk online	UP.	2022	
3.	One-day International Conference on Biodiversity: Exploration, Exploitation, Conservation for Sustainable Development (ICB-01) 2022	Chaired a Technical Session	Pandit Deendayal Upadhyaya Adarsha Mahavidyalaya, Assam.	January 5, 2022	Online mode
4.	International Webinar on "Role of Transportation, Environment and Energy in Integrated Urban Planning (RTEE-IUP-2021)	Co-Chaired a Technical Session	DTST & DEVS, CUJ	Nov. 26, 2021	Online mode
5.	XVI DGSi International Geography Online Conference entitled "Journey from Development to Sustainable Development and Importance of Geography in resolving the issues of Environmental Depletion and overpopulation"	Co-Chaired a Technical Session	Centre for Geographical Studies, Aryabhata Knowledge University Campus, Patna.	Sept. 11, 2021	Online mode
6.	"Perspectives of Urban hazard-risk assessment through Geoinformatics" in 01- Day National Webinar on 'Disaster Risk Reduction and Urban Risk Management'	Invited Talk as a Resource Person	NIDM, New Delhi and CUJ, Ranchi	Aug. 6, 2021	Online mode
2.					
1.	Online DST sponsored 21 Day Winter School National Training	Invited Talk as a Resource Person	Suresh Gyan Vihar University, Jaipur Rajasthan	January 12, 2022	Online
2.	Webinar on "MSME Sector on NE Region, Issues, Challenges and Way forward	Participation	NERC-NIRDPR, Guwahati	January 10, 2022	Online
3.	NGP-DST Winter School on Geospatial Technologies (Level 1)	Participated and Earned Certificate with Grade "A"	Multidisciplinary Center for Geoinformatics, Delhi Technological University, New Delhi, India and	Nov. 15- Dec. 9, 2021	Online

			supported by National Geospatial Program- Department of Science and Technology, Government of India, New Delhi		
3. Dr. Kiran Jalem					
1.	NIRDPR Hyderabad & SIRD Ranchi Joint collaborative Program on Community Based Forest Management	Invited Talk as a Resource Person	SIRD, Ranchi	February 14, 2021	Offline
2.	NIRDPR Hyderabad & SIRD Ranchi Joint collaborative Program on Community Based Forest Management	Invited Talk as a Resource Person	SIRD, Ranchi	February 16, 2022	Offline
4.					
1.	19th Faculty Dev program (UGC) at UGC Human Resource Development Centre	Invited Talk as a Resource Person	JMI, Delhi	January 27, 2022	Online
2.	NIDM, Ministry of Home Affairs Training prog on Conservation of Indian Cultural Heritage	Invited Talk as a Resource Person	NIDM New Delhi	February 11, 2022	Online
3.	Remote Sensing and GIS Techniques for Flood Modelling for Faculty Development Program (FDP) on "Use of GIS & Remote Sensing in Agriculture and Natural Environment"	Invited Talk as a Resource Person	AICTE sponsored) at Shiv Nadar University (SNU), Greater Noida.	August 4, 2021	Online

Environmental Sciences

Sl.	Title of Activity	Nature of Participation	Place	Dates	Mode of Participation
1. Dr. Purabi Saikia					
1.	National level Consultative Workshop with the Stakeholders to Obtain Feedback/ Suggestions on Research and Development in Higher Education Institutions (HEIs)	Participated	R&D Cell, CUJ Ranchi	Nov. 12, 2021	
2.	National Webinar on Empowerment of Women	Participated	Ek Bharat, Shrestha Bharat,	February 26, 2022	Online

	through Science and Technology Interventions		CUJ, Ranchi		
2. Dr. Nirmali Bordoloi					
1.	Workshop on Academic and Research Writing” under Scientific Social Responsibility (SSR), SERB, GoI	Participated	CUJ, Ranchi	Feb, 4-5, 2022	

Humanities & Social Sciences

International Relations

Sl.	Title of Activity	Nature of Participation	Place	Dates	Mode of Participation
1. Dr. Alok Kumar Gupta					
1.	National Webinar on “Climate Change Mitigation: Relevance of Gandhian Approach”.	Resource Person	Society for Social Empowerment, ChaudharyBansiLal University, Dyal Singh College, University of Delhi and Gandhi Smriti & Darshan Samiti, Delhi.	29-30, January 2022	Online
2.	‘Governance, State, Politics and Human Security’ in IIHSG International Conference 2022 on “Human Security and Governance”	Chaired a Session	Amity University, Mumbai; MiddleburyInstitute of International Studies atMontery, California, USA; Security women, London; Department of	23-25 February 2022.	Online
3.	“Children Rights and Governance in India” in IIHSG International Conference 2022 on “Human Security and Governance”.	Delivered a Special Address	Defence and Strategic Studies, Himachal Pradesh University, Shimla;Department of International Relations, University of Chittagong, Bangladesh; and Central University of Jharkhand	23-25 February 2022.	Online
4.	“Introducing International Studies”, in the “Ten Days Refresher Training Programme on Social Science Research Methods for University Teachers and Faculty in Research Institutions and Research Scholars (Sponsored by ICSSR).	Delivered a Lecture	A. N. Sinha Institute, Patna, Bihar	March 5, 2022.	Offline
5.	8-week course on Teaching		Asiaslate.org and	February	

	China		sponsored by United Board and Christ University, Bangalore.	to April 2021	
6.	International Webinar on “Changing Paradigm of Sino-Indian Relationship: Implications for Asian Security Architecture”	Resource Person & Paper Presentation	Society of Social Empowerment, New Delhi and Chaudhary Bansilal University, Bhiwani, Haryana	April 27, 2021.	
2. Dr. Bibhuti Bhusan Biswas					
1.	IIHSG International Conference 2021 on Gender Security & Global Politics	Presented a paper on “Gender Security and Politics”	Indian Institute of Human Security & Governance, Delhi, India	February 25-26, 2022	online
2.	International Conference on <i>Re-Imagining the World: Reflections on the Future of World Order</i>	Presented a paper on “India’s Role in Indo-Pacific”	Nepal Institute for International Cooperation and Engagement (NIICE), Kathmandu, Nepal	August 27-29, 2021	Online
3.	International Conference on <i>Multifaceted India-South Korea Relations: Exploring New Vistas</i>	Presented a paper on “India’s Act East Policy towards South Korea: Quest for Strategic Contour in the Indo-Pacific Region”	Association for the Study Korea (RASK) in collaboration with Department of Far East Languages, Central University of Jharkhand, Ranchi, Jharkhand and Jamia Millia Islamia University, New Delhi	Nov. 12-13 2021	Online
4.	National Seminar on Climate Change Mitigation; Relevance of Gandhian Approach	Presented a research paper on “Impact of Climate Change on the Coastal Belt of Andaman Islands: A Case Study of Port Blair-SwarajDweep and ShaheedDweep”	Society for Social Empowerment, New Delhi, in association with ChaudharyBansiLal University, Bhiwani, Hariyana&Dyal Singh College, University of Delhi and Sponsored by Gandhi Smriti & Darshan Samiti	January 29-30, 2022	Online
5.	IIHS International Conference 2022 on Human Security & Governance	Presented a paper on “Impact of Climate Change on the	Interdisciplinary Institute of Human Security & Governance, New Delhi	February 23-25, 2022	Online

		Coastal Belt of Andaman Islands”			
6.	India’s Indo-Pacific Strategy with Special Reference to QUAD,	Invited lecture	Bengal Institute of Political Studies, Kolkata	July 24, 2021.	Physical
7.	Unity and Diversity with special reference to Andaman and Nicobar Society	Invited lecture	East Calcutta Girls’ College, Lake Town, Link Road, Kolkata	August 15,2021	
8.	IIHS International Conference 2022 on Human Security & Governance	Chaired an Academic Session	Interdisciplinary Institute of Human Security & Governance, New Delhi, India	February 23-25, 2022	Online
3. Dr. RajashreePadhi					
1.	Virtual Conference on Transformation of Technology in Higher Education	Paper Presenter	CUJ and CUTN	April 27 - 28, 2021	Online
2.	Higher Education in India in the Post COVID-19 by Prof. Anil DattatrayaSahasrabudhe Chairman of All India Council for Technical Education (AICTE)	Participant	SRM University, AP	June 5, 2021	Online
3.	How Social Science Advances Our Understanding of Pandemics	Participant	Centre for Advance Study in the Behavioral Sciences, the Public Policy Forum, Stanford PACS, USA.	June 23, 2021	Online
4.	How Media Shapes Behavior	Participant	Centre for Media Study, JNU, New Delhi.	June 14, 2021	Online
5.	Why community colleges are more important than ever before? by Dr. Zamani-Gallaher	Participant	Centre for Social and Behavioral Sciences, University of Illinois.	June 25, 2021	Online
6.	Online Workshop on NAAC	Participant	Jharkhand Government Tool Room, Ranchi	Nov. 8-13, 2021	Online
7.	Society and Social Science Research in Pandemic: Reimagining the Human Sciences	Paper Presenter	RASK International Seminar	Nov. 12-13 2021.	Online
8.	Many Facets of Covid-19 Pandemic	Paper Presenter	CSD, Hyderabad	Jan. 20-22, 2022	Online
9.	Avoiding CovidInfections	Co-organiser	CUJ, Ranchi	January	Online

	amongst Children and Precautionary Measures			8, 2022	
10	Climate Change and Disaster Risks: Rethinking Climate Financing for India @75.	Participant	CSD, Hyderabad	January 21, 2022	Online
11.	Social Science Research: Ethics and Regulations	Speaker	CUJ, Ranchi	Febuary 1, 2022	Online
4. Dr. Subhash Kumar Baitha					
1.	Nepal Institute for International Cooperation and Engagement (NIICE) Studies Convention 2021	Paper Presentation	NIICE, Nepal	August 27-29, 2021	Online
2.	National Webinar on The Emerging Tribal Scenario: Development and Sustainability in India	Paper Presentation	Department of Sociology, IswarSharan Degree College Prayagraj, Utter Pradesh	Sept. 3-4, 2021	Webinar
3.	International Conference on Education and Development	Paper Presentation	Ranchi	Sept. 25-27, 2021	Online
4.	International Seminar on Multifaceted India-South Korea Relations: Exploring New Vistas for Deeper Collaboration	Paper Presentation	International Seminar	Nov. 12-13, 2021	Online
5.	Three-day IHSG International Conference 2022 on Human Security & Governance	Paper Presentation	Interdisciplinary Institute of Human Security & Governance	February 23-25, 2022	Online
6.	Interdisciplinary Refresher Course on Curriculum and Pedagogy	Participant	Teaching Learning Centre, Tezpur University, Assam	June 7-21, 2021	Online
7.	Faculty Development Program	Participant	Internal Quality Assurance Cell (IQAC), Central University of Jharkhand	Jan. 30-Feb.13, 2022	Online

School of Education

Education

Sl.	Title of Activity	Nature of Participation	Place	Dates	Mode of Participation
1. Dr. Manohar Kumar Das					
1.	National Level Quiz on Benefits of Yoga and Meditation	National Level Quiz	Mandsaur University, M.P.	June 20-21, 2021	Online Participation
2.	Advancing Research for Innovation, Sustainability	Organization of Global Multi-Track	Dept.of Education, CUJ, Special Mind,	Spetembe r 24-26,	Organizing Committee

	and Enhancement	Virtual Conference and Award	India and Kiwi Miles, New Zealand	2021	Member, Organized online
3.	Quiz on Inclusive Education	National Quiz	Central University of Haryana	Oct. 4, 2021	Online Participation
4.	Emerging Issues Related to Mental Health of Students during and Post- COVID-19	Organization of National Webinar	Dept. of Education, CUJ, Ranchi	Oct. 11, 2021	Convener, Organized online
5.	Refresher Course in Education	Refresher Course	Teaching Learning Centre, Ramanujan College, University of Delhi and Ministry of Education, PMMMNMTT, New Delhi	Jan, 17- Feb 13, 2022	Online Presentation
6.	FDP-QIP	FDP	IQAC, CUJ	Jan. 30- Feb, 13, 2022	Online Presentation
7.	Tool Construction	FDP	Jyoti College of Management Science and Technology, Bareilly, U.P. and Indian Teacher Education Community (ITEC), Indore, M.P.	March 5, 2022	Online Presentation (self pace, MOOCs)
8.	Academic Writings	FDP	Teaching Learning Centre, Ramanujan College, University of Delhi, and Ministry of Education, PMMMNMTT	March 21-27, 2022	Online Presentation (self pace, MOOCs)
9.	Possibilities in Higher Education after COVID-19 in the light of NEP-2020	Resource Person	Department of Education, Anugrah Memorial College, Gaya, Magadh University, Bihar	May 12, 2021	Online mode
2. Angel Nag					
1.	NEP 2020: Towards Inclusivity and Multidisciplinary in Higher Education	Participant	Rama Devi University	June 7-8, 2021	Online
2.	2020: Exploring Transformational Implementation in School Education	Participant	RIE, NCERT, Ajmer	April 26-27, 2021	Online
3.	National Education Policy (NEP) 2020 – The Way Forward	Participant	CUJ	Sept. 27, 2021	Online
4.	Online Lecture and Training Programme on	Participant	CUJ	Jan.30- Feb. 13,	Online

	“Faculty Development Programme- QIP”			2022	
5.	Emerging Issues related to Mental Health of Students during and Post COVID-2019	Organizing Member & Participant	CUJ	Oct.11, 2021	Online
3. Poonam Kumari					
1.	Two Weeks online program on Workshop for e-content development	Participated	Organized by Indian Teacher Education Community in Collaboration with Shri Jain Diwakar Mahavidyalaya, Indore	Sept. 7-22, 2021	Online
2.	International Seminar on Education & Development	Presented paper titled- Technology-enabled learning with reference to Language Learning	Institute for Social Development & Research, Ranchi	Sept. 25-27, 2021	Offline
3.	National Conference of Indian Languages, Arts and Culture	Presented paper- Role of Technological Tools in Hindi Teaching and Learning	Regional Institute of Education, Ajmer (NCERT)	Dec. 8-10, 2021	Online
4.	National Webinar on New Education Policy-2020 & Entrepreneurship: Challenges and Opportunities	Participated	Swami Devi Dyal Institute of Management Studies, Panchkula, Haryana	Jan. 31, 2022	Online

BOOKS PUBLISHED BY CUJ FRATERNITY**School of Management Science****Business Administration**

Sl. No.	Name of author (in order of contribution)	Name of Book / Vol.	Publisher	Edition Mth./Yr.	Page	ISSN/ ISBN
1.	Dr. Nitesh Bhatia in the book	Chapter titled: "Talent management fizzled out at DTKL" in the book "Talent Management- A Contemporary Perspective	Mamta Mohapatra and Swati Dhir / Sage Texts	August 2021	pp.287-290	ISBN: 9789391370190

Commerce and Financial Studies

Sl. No.	Name of author (in order of contribution)	Name of Book / Vol.	Publisher	Edition Mth./Yr.	ISSN/ISBN
1.	K. B. Singh and Ajay Pratap Yadav	Infrastructure Finance	Navyug Books International, New Delhi	2021	ISBN: 978-81-952480-7-0

School of Natural Sciences**Life Sciences**

Sl. No.	Name of author (in order of contribution)	Name of Book / Vol.	Publisher	Edition Mth./Yr.	ISSN/ISBN
1.	V. Kumar, R. Prasad, and M. Kumar	Rhizobiont in Bioremediation of Hazardous Waste	Springer-NATURE	1/2021	978-981-16-0602-1

School of Languages**Far East Languages**

Sl. No.	Name of author (in order of contribution)	Name of Book / Vol.	Publisher	Edition Mth./Yr.	ISSN/ ISBN
1	Dr. Konchok Tashi (Editor)	Languages of Indian Himalayas	Indu Book Services Pvt. Ltd. (Publishers & Distributors), New Delhi	July 2021	978-93-91377-04-5

School of Engineering and Technology**Nanoscience & Technology**

Sl. No.	Name of author (in order of contribution)	Name of Book / Vol.	Publisher	Edition Mth./Yr.	ISSN/ISBN
1.	R. Oraon, D. Rawtani, P. Singh and CM Hussain	Nanocellulose Materials: Fabrication and Industrial Applications,	Elsevier USA	1 st / January, 2022	9780128239636

Water Engineering and Management

Sl.	Name of author (in	Name of Book / Vol.	Publisher	Edition	ISSN/
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No.	order of contribution)			Mth./Yr.	ISBN
1.	Ajai Singh	Microirrigation Systems– Principles and Practices	CBS Publishers and Distributors Pvt. Ltd, N. Delhi	2021	9789354660641

School of Education

Education

Sl.	Name of author (in order of contribution)	Name of Book / Vol.	Publisher	Edition Mth./Yr	ISSN/ISBN
1.	Raaj, S.	Mother Tongue-based Multilingual Education: Ensuring Quality Education for All. In: Inclusion for Learning		2022	ISBN: 978-81-951998-7-7
2.	Raaj, S.	Business English and Indigenous Languages: The Roadmap for Responsible Communication and Sustainable Development. In: Inclusive Education: Issues, Challenges and Possibilities		2022	ISBN: 978-93-83837-72-4
3.	Raaj, S.	Literacy Needs in Culturally and Linguistically Diverse Classrooms: Effecting Change for a Sustainable Future In Inclusion for Learning		2022	ISBN: 978-81-951998-7-7

BOOK CHAPTER PUBLISHED BY CUJ FRATERNITY

School of Mass Communication and Media Technology

Mass Communication

Sl.	Name of author (in order of contribution)	Book Title/Book Chapter	Name of Editor / Publisher	Pg.	Edition Mth./Yr.	ISSN/ISBN
1. Professor Dev Vrat Singh						
1.	D. Singh, & R. Kumar	झारखंड में मीडिया शिक्षा, 100 Years of Media Education in India	Professor Sanjeev Bhanawat and Dr Smiti Padhi, University Book House (P) Ltd. Jaipur		2021	ISBN: 978-93-90672-47-9
2.	D.Singh	Need for a New Version of Media Education, Future of Media Education	Prof. Upendra Padhi, Institute of Media Studies, Bhubaneshwar, Odisha		2021	ISBN: 978-93-5578-195-6
3.	Dev Vrat Singh	भारतीय सामाजिक संदर्भ में जनसंचार की पश्चिमी अवधारणाएं, संपादित पुस्तक – राष्ट्रीय शिक्षा नीति 2020 की गंगोत्री – भारतीय ज्ञान परंपरा	Prof. Anil Kumar Roy, Kitabwale, New Delhi		2022	ISBN – 978-93-90702-98-5
2. Dr. Rajesh Kumar						
1.	D. Singh, & R. Kumar	झारखंड में मीडिया शिक्षा, 100 Years of Media Education in India	Professor Sanjeev Bhanawat and Dr Smiti Padhi, University Book House (P) Ltd. Jaipur		2021	ISBN: 978-93-90672-47-9
2.	R.Kumar & N. Nandini	National Education Policy 2020: A Roadmap for Qualitative	Prof. Upendra Padhi, Institute of Media			ISBN: 978-93-

	Changes in Indian Media Education, Future of Media Education	Studies, Bhubaneswar, Odisha		5578-195-6
3. Dr. Sudarshan Yadav				
<ul style="list-style-type: none"> Awareness of Mental Health: An Empirical Study on Students of Central Universities of North India, Associated Publishing House, New Delhi, December 2021, ISBN: 9789381778999 (National) (Co-author- Nity) Meghnath and Biju Toppo (Filmmakers from Jharkhand), National Film Archive of India, Pune, IB Ministry, GOI, November 2021. (Monograph) International. Sole Author. 				

School of Management Science

Commerce and Financial Studies

Sl.	Name of author (in order of contribution)	Book Title/Book Chapter	Name of Editor / Publisher	Pg.	Edition Mth./Yr.	ISSN/ISBN N
1.	Bhawnra, Samir Xavier & Singh, K.B	Research Issue in Business and Finance	Bloomsbury, New Delhi	168-169	March,2022	978-93-56400-00-9
2.	Satapathy, L. R., Singh, K. B., and Singh, B	Research Issue in Business and Finance	Bloomsbury, New Delhi	267-278	March,2022	978-93-56400-00-9
3.	Mohanty, B. and Satapathy, L. R.	Infrastructure Finance	Navyug Books International, New Delhi	80-90	2021	ISBN: 978-81-952480-7-0
4.	Nial, N., Sweta, & Nath Dubey, Dr. S.	Infrastructure Finance	Navyug Books International, New Delhi	203-217	2021	ISBN: 978-81-952480-7-0
5.	Singh, K.B; Yadav, Ajay Pratap & Bhawnra Samir Xavier	Infrastructure Finance	Navyug Books International, New Delhi	1-17	2021	ISBN: 978-81-952480-7-0

School of Natural Sciences

Life Sciences

Sl.	Name of author (in order of contribution)	Book Title/Book Chapter	Name of Editor / Publisher	Pg.	Edition Mth./Yr.	ISSN/ISBN N
1.	Kumari A and Mishra R.	Name of the Book: "Breast cancer: understanding affecting factors, assessing risks & exploring therapeutics"	Editors Divya Jain & PrachetaJanmeda;	--	--	ISBN 978-81-952885-6-4
2.	Ain U and Firdaus H.	Advances in Animal Science and Zoology (Volume 18).	Owen PJ (Ed.), Nova Science Publishers.	Pp 49-64	Nov /2021	ISBN 978-1-68507-298-8 (e-book)

		Chapter Name:- Behavioural assays to analyse the muscle mutants of <i>Drosophila melanogaster</i> . DOI: https://doi.org/10.52305/KFEG3324			
3.	Nivedita Khawas, Vinod K. Tripathi and Anil Kumar	Chapter 7- Impact of Biofilm on Clogging of Drip Irrigation Emitters. In: Field Practices for Wastewater Use in Agriculture-Future trends and Use of Biological Systems	Vinod K. Tripathi and Megh R. Goyal/Apple Academic Press, Inc., US and Canada.	March/2021	(Hard ISBN: 9781771889087; E-Book ISBN: 9781003034506).

School of Languages

English Studies

Sl.	Name of author (in order of contribution)	Book Title/Book Chapter	Name of Editor / Publisher	Pg.	Edition Mth./Yr.	ISSN/IS BN
1.	Bhattacharji, Shreya and Hare Krishna Kuiry,	“Many Dimensions of Sarhul: The Spring Festival of Jharkhand” in an anthology <i>Interface: A National Research Anthology on Indigenous Language, Literature & Culture</i>	Edited by Dipankar Patra et al., Book Rivers, Lucknow, India,	429-461	2021	ISBN: 978-93-91000-21-9.

Far East Languages

Sl.	Name of author (in order of contribution)	Book Title/Book Chapter	Name of Editor / Publisher	Pg.	Edition Mth./Yr.	ISSN/ ISBN
1.	Dr. Konchok Tashi	The Cultural Language of Indian Himalayas: An Overview of the linkage between Classical Tibetan with other Languages Under its Umbrella	Tashi, Konchok (ed.), Indu Book Services (Publishers & Distributors), New Delhi	pp-1-17	July 2021	978-93-91377-04-5

School of Engineering and Technology

Nanoscience & Technology

Sl.	Name of author (in order of contribution)	Book Title/Book Chapter	Name of Editor / Publisher	Pg.	Edition Mth./Yr.	ISSN/ISBN
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1.	N. Kumari, K. Gaurav, R. Dash, A. S. Bhattacharyya	Doped mixed phase transition metal oxides for Photocatalysis (Chapter 34), <i>Handbook of Emerging Materials for Sustainable Energy</i>	Elsevier	Pages 6-15	August, 2021	2435-7251
2.	A.S. Tirkey, S.S. Vhatkar, R. Oraon	Integration of geospatial technology for mapping of algae: an economical perspective for assessing nanocellulose. <i>Nanocellulose Materials: Fabrication and Industrial Applications</i>	Elsevier	Pages 289-310	January 2022	-
3.	S. K. Paswan, P. Kumar, R. K. Singh, S. K. Shukla, Lawrence Kumar	Spinel ferrite Magnetic nanoparticles: An alternative for wastewater treatment. Book: <i>Pollutants and Water management: Resource, strategies and scarcity</i>	John Wiley & Sons	Pages 273-305	April 2021	978-1-119-69361-1
4.	Lawrence Kumar, S. K. Paswan, P. Kumar, R. K. Singh, R. Kumar, S. K. Shukla	Nanotechnology-based filtration membranes for removal of pollutants from drinking water. Book: <i>Sustainable Environmental Clean-up: Green Remediation</i>	Elsevier	Pages 231-251	May, 2021	978-0-12-823828-8
5.	S. K. Paswan, R. Kumar, P. Kumar, R. K. Singh, A. Kumar, S. K. Shukla, Lawrence Kumar	Magnetically separable graphene oxide-based spinel ferrite nanocomposite for water remediation. Book: <i>Contamination of Water: Health Risk Assessment and Treatment Strategies</i>	Elsevier	-	August, 2021	978-0-12-824058-8
6.	S.S. Vhatkar, K. Kumari, R. Oraon	Biocompatible Cellulose based sorbents for potential application in heavy metal ion removal from wastewater. <i>Pollutants and water Management: Resources, strategies and scarcity</i>	John Wiley & Sons Ltd	Pages 306-326	April 2021	978-1-119-69361-1
7.	A.K. Saha, S.S. Vhatkar, R. Oraon	Inorganic nanotubes for water treatment through adsorption and photocatalytic degradation. <i>Contamination of Water</i>	Elsevier	Pages 417-429	2021	978-0-12-824058-8
8.	S.S. Vhatkar, A. Kumari, P. Kumar, G. Sahoo, R. Oraon	Electrospun Nanofibers for Energy and Environment Protection., <i>Electrospun Nanofibers. Springer Series on Polymer and Composite Materials</i>	Springer	Pages 25-52	2021	978-3-030-79979-3
9.	A.K. Saha, S.S. Vhatkar, R.	Nanoscale zero valent iron (nZVI): A Promising nanoparticle	Elsevier	-	2021	978-0-12-822263-8

	Oraon	for environmental contamination remediation, Management of contaminants of emerging concern (CEC) in environment				
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Energy Engineering

Sl.	Name of author (in order of contribution)	Book Title/Book Chapter	Name of Editor/Publisher	Pg.	Edition Mth./Yr.	ISSN/ISBN
1	S. Kumar, P. Kumar, A. Mahapatra, and B. Pradhan	Flexible quantum dot solar cells, Smart and Flexible Energy Devices”,	CRC Press, 2022.		2022	

Water Engineering and Management

Sl.	Name of author (in order of contribution)	Book Title/Book Chapter	Name of Editor / Publisher	Pg.	Edition Mth./Yr	ISSN/ISBN
1.	Hemanta Medhi, Pramod Soni, Vikas Kumar Vidyarthi, and Shikha Chourasiya	Precision Agriculture for Sustainability: Use of Smart Sensors, Actuators, and Decision Support Systems, Chapter 4.	Narendra Khatri, Ajay Kumar Vyas, Celestine Iwendi and Prasenjit Chatterjee	536	Accepted	9717749-13734

Transport Science & Technology

Sl.	Name of author (in order of contribution)	Book Title/Book Chapter	Name of Editor / Publisher	Pg.	Edition Mth./Yr	ISSN/ISBN
1.	Patel SK and Singh B	Strength and deformation aspects of glass fire-reinforced clayey soil	Dey A. k., Mandal J.J. and Manna/ Springer	137-144	2022	978-981-16-6456-4
2.	Patel SK	Experimental Investigation of Glass Fiber Reinforced Clayey Soil for Its Possible Application as Pavement Subgrade Material	A.P.S. Yilmaz/ Intechopen		2022	978-1-80355-430-3
3.	Patel SK and Singh B	A study on the vertical pullout capacity of suction caisson foundation in sandy and clayey soils	Satyanarayan Reddy CNV, Saride S. and Halder S./Springer	367-377	2021	978-981-16-2260-1
4.	Swastika Saha, Sushil K. Shukla, Hare R. Singh, Bhaskar Singh, Santosh K. Jha	Bioactive compounds from microalgae	Elsevier U.K.,		2021	978-0-12-823499-0
5.	R Mishra, A Kumar, E Singh, S Kumar, V K Tripathi, S K	Current status of available techniques for removal of heavy metal contamination in the river ecosystem	Elsevier U.K.,		2022	978-0323-85045-2

	Jha, Sushil Kumar Shukla*					
6.	A. Kumar, V K Tripathi, P Sachan, A Rakshit, R M Singh, S K Shukla, R Pandey, A Vishwakarma, K C Panda	Source of ions in the River ecosystem	Elsevier U.K.,		2022	978- 0323- 85045-2
7.	Er. AmitKumar Yadav	Implications of Liberization in Transportation Sector: The Policy Debate in India	Navyug Books International, DELHI-110053, INDIA		2022	ISBN: 978-81- 946182- 0-0
8.	Er. Amit Kumar Yadav	Experimental Evaluation of Influence of Fly Ash in Bituminous Mixtures			2021	

School for the Study of Culture

Tribal Studies

Sl. No.	Name of author (in order of contribution)	Book Title/Book Chapter	Name of Editor / Publisher	Pg.	Edition Mth./Yr	ISSN/IS BN
Dr. Rajanikant Pandey						
1.	Pandey, R.	Corporate Social Responsibility: Expectations, Reality & Challenges/ Mine Man Multinational Complex: Towards Political Ecology of Corporate Profit Sharing in India	Gupta, R. L. et al./ Wisdom Publications	114-134		
Dr. Seema Mamta Minz						
1.	Minz, S. M; and Choubey, P.	Tribe-British Relations in India: Revisiting Text, Perspective and Approach/ Revisiting Kol Revolt (1831-32)	Behera, M. C./ Springer	207-220	2021	
Dr. M. Ramakrishnan						
1.	Ramakrishnan, M.	Inclusive Education: Encompassing Rehabilitation/ A Glance at the National Education Policy- 2020	Roy, S. K; and Mete, J./ Red'Shine Publication	1-30		

Performing Arts

Sl. No.	Name of author (in order of contribution)	Book Title/Book Chapter	Name of Editor / Publisher	Pg.	Edition Mth./Yr.	ISSN/ ISBN
1.	Tasnim, Shakir	EkisweenSadi Mein Urdu Theatre: Peshkash Ke Masayel	Anis, Nayeem	78-86	2021	978-93-93245-01-4

*School of Natural Resource Management***Geoinformatics**

Sl. No.	Name of author (in order of contribution)	Book Title/Book Chapter	Name of Editor / Publisher	Pg.	Edition Mth./Yr.	ISSN/ SBN
1.	Kumar, A., Ekka, P., Patra, S., Kumar, G., Kishore, B.S.P.C., Kumar, R., Saikia, P	Geospatial Perspectives of Sustainable Forests Management to enhance Ecosystem Services and Livelihood Security. In: Advances in remote sensing for forest Monitoring;	Arellano, P., Pandey, P.C. (eds.), Willey, UK		February 1, 2022	9781119788123
2.	Lal, P., Prasad, A., Saikia, P., Kumar, A*.	Ecosystem-Based Disaster Risk Reduction in Kaziranga National Park, India. In: Eco-DRR strategies in World Heritage Sites in Asia,	UNESCO-C2C, WII, Dehradun		July 14, 2021	
3.	Kumar, A., Kumari,R., Lal,P., Prasad,A., Saikia,P	Vegetation dynamics and climate change: A case study of the Indian Himalayan region. In: Sustainability, Development, and Conservation of Natural Resources	Chakravarty, S., Shukla, G. (eds.), CRC Press (Accepted)		February 7, 2022	
4.	Kumari, R., Kumar, A.,Saikia, P.*, Khan, M.L.	Vulnerability assessment of Indian Himalayan forests in terms of biomass production and carbon sequestration potential in changing climatic conditions	Handbook of Climate Change Mitigation and Adaptation, Lackner, M., Sajjadi, B., Chen, W.Y. (eds.), Chapter 100-1, 3rd edition, Springer, New York, NY, pp. 1-15		24 August 2021	9781461464310
5.	Kumar, A., Kumari, R., Saikia, P.*	Avenue plantation as a viable carbon confiscation tool: A blueprint for eco-smart cities. In: Climate change Alleviation for Sustainable Progression: Floristic prospective and Arboreal avenues as a viable confiscation tool	Wani, A., Dervash, M. (eds.), Chapter 17, Taylor & Francis Group, Boca Raton, USA, pp. 333-346		03 December 2021	9780367618872
6.	Amit Kumar, Shubham Kumar, Preet Lal, Purabi	Introduction to GPS/GNSS Technology	GPS and GNSS Technology in Geosciences, George Petropoulos			

	Saikia, Prashant K. Srivastava, George P. Petropoulos		Prashant Srivastava (eds.), Elsevier			
7.	Saikia, P., Nag, A., Kumari, R., Kumar, Amit*, Khan, M.L	Forests Degradation Prevention through Nature Based Solution: An Indian Perspective.	Handbook of Ecological and Ecosystem Engineering, M.N.V. Prasad (ed.), John Wiley & Sons Ltd, UK			9781119678533
8.	C. S. Dwivedi, R. Raza, and A. C. Pandey and D.C.Jhariya	“AHP based Site Suitability Analysis for Water Harvesting Structure Using geospatial technique” Water Resources Management and Sustainability	editors: Pankaj Kumar, Gaurav Kant Nigam, Manish Kumar Sinha, Anju Singh, Springer Nature.			
9.	Subrat Kumar Mishra and Dr. Kiran Jalem	Marginalization to Mainstreaming / Distress and Destitution of widow after the death of a farmer	Manas Ranjan Debata, Saroj Kumar Dash, Amita Kumar Patra / PR & DW Department, Govt. of Odisha	100-121	2021	978-93-5457-825-0
10.	B.R. Parida, A.C. Pandey, S. Kumar, and G. Tripathi	Radar Remote Sensing: Application and Challenges / Comparative flood area analysis based on Change detection and Binarization methods using Sentinel-1 synthetic aperture radar data	P. K. Srivastava, DK Gupta, R Prasad, T Islam, D Han, Elsevier Inc	pp 1-362	2022	9780128234570
11.	A.C Pandey, B.R. Parida, S. Bhattacharjee, T. Priya, Wasim, M. Salim, R Kashyap	Factors n Intelligence Approaches for combating COVID-19	S Kautish, SL Peng, and AJ Obaid in Springer International Publishing,	pp 257-273	2021	9783030689353

Environmental Sciences

Sl. No.	Name of author (in order of contribution)	Book Title/Book Chapter	Name of Editor / Publisher	Pg.	Edition Mth./Yr	ISSN/ ISBN
	Saikia, P., Nag, A., Kumari, R., Kumar,	Forests Degradation	Handbook of Ecological and Ecosystem		May 2021	

A., Khan, M.L.	Prevention through Nature-Based Solution: An Indian Perspective	Engineering, Prasad, M.N.V. (ed.), John Wiley & Sons Ltd., UK. ISBN: 9781119678533			
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Humanities & Social Sciences

International Relations

Sl. No.	Name of author (in order of contribution)	Book Title/Book Chapter	Name of Editor / Publisher	Pg.	Edition Mth./Yr.	ISSN/ ISBN
1. Dr. Subhash Kumar Baitha						
1.	Baitha, Subhash. K. & Chatterjee, S.	“Political Empowerment of Women & Indian Politics: Key Concerns & Future Ahead” In <i>Women Empowerment in India</i>	Edited by C. B. Bhange, Mamta Jangir, N. A. Ansari, & M. Baig, Bharti Publications: New Delhi	51-57	May, 2021	978-93-90818-30-3
2. Souvik Chatterjee						
1.	Baitha, Subhash. K. & Chatterjee, S.	“Political Empowerment of Women & Indian Politics: Key Concerns & Future Ahead” In <i>Women Empowerment in India</i>	Edited by C. B. Bhange, Mamta Jangir, N. A. Ansari, & M. Baig, Bharti Publications: New Delhi	51-57	May, 2021	978-93-90818-30-3

School of Education

Education

Sl. No.	Name of author (in order of contribution)	Book Title/Book Chapter	Name of Editor / Publisher	Pg.	Edition Mth./Yr.	ISSN/ ISBN
1.	Dr. Manohar Kumar Das	Challenges and Quality Measures of Online Teaching Practices of B.Ed. Trainees: Action Research	Jupiter Publications Consortium, Chennai DOI: https://doi.org/10.47715/JPC.B.75.2021.9789391303228	170-181	2022	978-93-91-303-22-8
2.	Dr. Manohar Kumar Das	Savitribai Phule’s Views on Education	Kanishka Publishers, Distributors. New Delhi	13-35	2021	978-93-91450-11-3
3.	Chiranjit Setua	“NEP 2020 and Inclusive Education” in the edited book ‘INCLUSIVE EDUCATION: ENCOMPASSING REHABILITATION	Prof. (Dr.) Jayanta Mete & Suman Kalyan Roy		January, 2022	ISBN: 978-91-987582-2-1
4.	Chiranjit	“Level of Techno-	Dr. Nabin Thakur &		December,	ISBN:

	Setua	Pedagogical Skills of Pre-service Trainee Teachers: A Survey” in the edited book 'BRICK TO CLICK: EMBRACING CHANGE IN EDUCATION'	Dr. Sunil KUmar Baskey		2021	978-91-987582-4-5
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4.6 Students' Educational Activities

The details about the Students Educational Activities including the Industrial visit, Internships, training, Workshops are mentioned attached below.

School of Natural Sciences

Physics

Sl.	Name of Student / Registration No.	Type of Participation	Place	Duration
1	Anjali Kumari	MSc Project	IISER Kolkata	Jan - June 2021
2	Rahul Mahato	MSc Project	IISER Kolkata	Jan - June 2021
3	Radhika Mishra	MSc Project	IISER Kolkata	Jan - June 2021
4	SreeBhattacharjee	MSc Project	IISER Kolkata	Jan - June 2021
5	ShafeekAzhar	MSc Project	IISER Kolkata	Jan - June 2021
6	Nikhil Kuma	MSc Project	IISER Kolkata	Jan - June 2021
7	Shreya Roy	MSc Project	DMSRDE DRDO	Jan - June 2021
8	Subhash Shankar Pandey	MSc Project	IISER Kolkata	Jan - June 2021
9	Priyanka Kumari	MSc Project	IISER Kolkata	Jan - June 2021
10	Ankul Kumar	MSc Project	IISER Kolkata	Jan - June 2021
11	Sushant Sharma	MSc Project	IISER Kolkata	Jan - June 2021
12	Adarsh Kumar	MSc Project	IISER Kolkata	Jan - June 2021

Chemistry

Sl.	Name of Student / Registration No.	Type of Participation	Place	Duration
1.	Abhijit Gautam/20170402001	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/4.12. 2021
2.	Amisha Rout/20170402003	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
3.	Bibhupada Jagatprana Rout/20170402005	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
4.	Biman Kaushik/20170402007	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
5.	Biswajit Mohakud/20170402008	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
6.	Deepesh Kumar Jha/20170402011	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
7.	Dibyajit Samal/20170402012	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
8.	Geetanjali Giri/20170402014	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
9.	Jagabandhu Khara/20170402015	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
10.	Jyoti Ranjan Kabi/20170402016	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
11.	Krishna Bhatra/20170402017	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
12.	Mrinalini Singh/20170402018	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
13.	Nihar Sahu/20170402019	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
14.	Pallabipriyadarsani Hati/20170402022	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
15.	Prangya Rashmi Sahu/20170402023	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
16.	Rahasbehari Muduli/	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021

	20170402024			
17.	Ruma Mahato/20170402025	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
18.	Sailendra Mohanty/ 20170402026	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
19.	Sanjay Kumar Sahu/ 20170402027	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
20.	Sarojit Mal/20170402029	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
21.	Shreya Chatterjee/ 20170402030	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
22.	Shreyasi Chakraborty/ 20170402031	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
23.	Shubham Kumar Sinha/ 20170402032	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
24.	Smruti Prajna Sahoo/ 20170402034	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
25.	Sneha Lata/20170402035	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
26.	Snehasis Parida/20170402036	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
27.	Sonu Kumar Ranjan/ 20170402037	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
28.	Subhalaxmi Dhar/ 20170402038	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
29.	Subrat Kumar Samal/ 20170402039	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
30.	Adhwaid Krishna Kumar/ 20170402041	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
31.	Kriti Ghosh/20170402042	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
32.	Neema Kumari/20170402043	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021
33.	Vivek Raj Hans/20170402045	Industry visit	T.T.P.S, Lalpania, Bokaro	01Day/ 04.12.2021

Life Sciences

Sl.	Name of Student / Registration No.	Type of Participation	Place	Duration
1.	Sanjana Chatterjee (20180402030)	M.Sc Project (Internship)	Jadavpur University	6 Months
2.	Mohammed Hisham (20180402013)	M.Sc Project (Internship)	Ashok University, Sonipat	6 Months
3.	Charmi (20180402004)	M.Sc Project (Internship)	IIT Kharagpur	6 Months

School of Engineering and Technology

Nanoscience & Technology

Sl.	Name of Student/Registration No.	Type of Participation	Place	Duration
1	Kumari Shalini	M.Tech. Project	IIT, Patna	01 Year
2	Mukesh Kumar	M.Tech. Project	IIT, Patna	01 Year
3	Mohit Kumar Singh	M.Tech. Project	CSIR-NML, Jamshedpur	01 Year
4	Neha Kumari	M.Tech. Project	CSIR-NML, Jamshedpur	01 Year

Humanities & Social Sciences

International Relations

Sl.	Name of Student / Registration No.	Type of Participation	Place	Duration
1	Dipankar Dey	10 Days National e-Workshop on "Basic to Advanced: Hands on Training of SPSS in Research Data Analysis"	A.K. Dasgupta Centre for Planning and Development, Visva-Bharati, West Bengal	23 rd Nov., 2021 to 2nd Dec., 2021
2.	KaushikiParihar	Online Certificate Course titled "Contemporary Peace Processes, Thinkers and Theories"	National Institute of Advanced Studies, Bangalore	February 2021 to December 2021

School of Education

Education

Sl.	Name of Student / Registration No.	Type of Participation	Place	Duration
1.	ATAUR RAHAMAN	Participated in Online Two Days National Workshop on "Development of Research Tools and Data Analysis using Statistical Package", organized by Department of Adult and Continuing Education, University of Madras, held on 21st and 22nd February 2022.	Department of Adult and Continuing Education, University of Madras	21st and 22nd February 2022
2.	ATAUR RAHAMAN	Participated in the Two Days Online Workshop on "Academic Research Writing" under "Scientific Social Responsibility (SSR) Program, organized by the Department of Environmental Sciences, Central University of Jharkhand, held on 4th and 5th February 2022	Department of Environmental Sciences, Central University of Jharkhand	4th and 5th February 2022
3.	ATAUR RAHAMAN	Participated in Seven Days National Workshop on "Human Rights", organized by the Department of Political Science under the aegis of IQAC Govt. V.Y.T. PG Autonomous College Durg (C.G.), held on 25 to 31 May 2021.	Department of Political Science under the aegis of IQAC Govt. V.Y.T. PG Autonomous College Durg (C.G.)	25 to 31 May 2021
4.	ATAUR RAHAMAN	Participated in the Two Days Online Workshop on "Covid-19 & It's Impact in Society", organized by the Department of Social Work, Bharathidasan University, held from 20-21 May 2021.	Department of Social Work, Bharathidasan University	20-21 May 2021
5.	ATAUR RAHAMAN	Participated in Ten Days Online Workshop on "Research Methodology Course for	Uttarakhand Open University collaboration with M.B.G.P.G.	22 April to 1 May 2021

		Scholars and Students", organized by Uttarakhand Open University collaboration with M.B.G.P.G. College, Haldwani, Approved by ICSSR, New Delhi, (Aunder MHRD, Govt of India, New Delhi), from 22 April to 1 May 2021.	College, Haldwani, Approved by ICSSR, New Delhi	
6.	BABITA YADAV	Research Scholar (Student)	Research Ethics and Plagiarism, SWAYAM(Programme at School of Education, IGNOU)	6 Months (Completed)
7.	BABITA YADAV	Student (Academic Writing)	SWAYAM Course (Academic Writing) ,HNB Garhwal University	6 Months (Pursuing)

STUDENT CO-CURRICULAR ACTIVITIES

Humanities & Social Sciences

International Relations

Sl.	Name of Student	Price / Award	Event Detail	Organizer	Duration	Level
1.	Dipankar Dey	Certificate of Appreciation and Awarded Third Prize	Quiz Competition	13th Annual Foundation Day- 2022 organised by Central University of Jharkhand	5 th March 2022	University Level
2.	Kaushiki Parihar	Consolation Prize and Certificate of Participation	Essay Writing Competition on topic "Role of Sardar Patel during Non-Cooperation Movement"	Sardar Vallabhbhai Patel Smarak Trust	September 2022	National
3.	Kaushiki Parihar	Certificate of Participation	Research Paper Writing Competition on the topic "Subhash-Swaraj-Sarkar"	BhartiyeShikshaMandal	October 2022	National
4.	Khyati Pal		Poetry published in the anthology book "ECSTACY"	The write order publications	July 2021	
5.	Khyati Pal		Story published in the anthology book "DELUSIONS"	The write order publications	August 2021	
6.	Khyati Pal	Selected in		The NETWORK	March	

		third and final round of Dr. Anamika Scholar Award		CAPITAL	2021	
7.	Khyati Pal		Poetry published in the journal "Pashyanti"	Network Capital	March 2021	

School of Education

Education

Sl.	Name of Student	Price / Award	Event Detail	Organizer	Duration	Level
1.	ATAUR RAHAMAN	Awarded First Prize in PowerPoint Presentation Competition Award 2022, on 13th Annual Foundation Day-2022, by Professor Kshiti Bhusan Das, Vice-Chancellor & Chairman, Foundation Day Celebration Committee, Central University of Jharkhand, Ranchi, India, event on 5th March 2022	Foundation Day Celebration Committee, Central University of Jharkhand, Ranchi, India	Central University of Jharkhand	5th March 2022	
2.	Debabrata Mandal	A + Grade	Virtual course on mooc 'improving assessment through bloom's taxonomy and rubrics'	Open Education for Better World (OE4BW) Project of (UNESCO)	24/05/2021 - 21/06/2021	A + Grade

CHAPTER - 5

Implementation of NEP - 2020

5.1 Introduction

The Union Cabinet approved the National Education Policy, 2020 on 29th July, 2020. The National Education Policy, 2020 is the first Education Policy of 21st century and it aims to address the many growing developmental imperatives of our country. ‘Holistic and Multidisciplinary Education’ is the central recommendation of the National Education Policy-2020. Another recommendation of NEP-2020 is the introduction of multiple entry-exit in Indian higher education institutions through a flexible and innovative curricular structure with a view to allow learners to get certification at yearly interval and possibly create the scope for joining job market.

5.2 Initiative taken by the University

In order to implement the National Education Policy – 2020, the University took following initiatives and steps-

- The University adopted the NEP – 2020 and constituted a Task Force under the chairmanship of Prof. R.K. Dey, Director, IQAC.
- The NEP – 2020 was discussed in great details in the 20th Academic Council meeting held on 7th October, 2021 and passed resolution to prepare Ordinance/ Rules to provide a framework to implement the NEP -2020.
- A special lecture was organized on 04.10.2021 on NEP -2020 in which Shri Atul Bhai Kothari, Secretary Shiksha, Sanskriti Utthan Nyas, Delhi highlighted emphasis given to teaching-learning through mother in higher and technical education.
- A special lecture was delivered in the University by Shri Amit Khare, IAS (Retd.), Advisor to the Hon’ble Prime Minister of India on “The Interface between Policy option and institutional measures for delivering the intents of NEP -2020” on 27.11.2021.
- The University also decided to offer integrated Bachelors-Masters degree programme with multiple entry and exit option in line with NEP -2020 from the academic year 2022-23.

CHAPTER - 6

Infrastructure and Learning Resources

6.1 Infrastructure

The Central University of Jharkhand has a robust infrastructure. At present, the University has two campuses. One is located at Brambe, a 25 KM drive from Ranchi city, in the state of Jharkhand India. It is located in 45 acres beautiful and vibrant green campus, with classrooms and hostels blending well with the environment. The hostels are equipped with WiFi, water purifiers, and modern amenities. There are separate hostels for girls, boys, and male as well as female research scholars.

The permanent campus of the University is being developed at Cheri-Manatu about 10 km from the main city. The state government of Jharkhand allotted 510 acres of land for the campus. The construction work has started with a plan to create a campus worth visiting and staying in. The campus is planned to be matchless in its own right by offering an eco-friendly environment for academic pursuit among green architecture and designs, which would beckon scholars to its fold.

The Academic buildings, Administrative Building, Library (reading rooms), 9 departments are presently carrying out its academic activities from the School Style building. Entire Administration comprising VC Secretariat, Registrar office, Establishment, Finance, Examination are functioning from the permanent campus. The works on other buildings such as Academic buildings, library, etc. are going on full swing. It is expected that by the end of next reporting year, these buildings will be completed.

The University has two types of guest houses. One has a single room each called (Annexure) and the other has two rooms attached (double suite) each located at Brambe Campus in a pleasant environment.

The dispensary of the University is functioning since 2011. Presently University is in the phase of shifting to a permanent campus at Cheri Manatu. So, for the convenience of the employees, University is running a dispensary at both campuses for the benefit of the students, employees, and their families. Dispensary at Brambe is located in Administrative building of Brambe campus on the ground floor. The dispensary at Cheri-Manatu campus is located on the ground floor of the Admin building. The University Dispensary, managed by Medical personnel including Female Medical Officer, consultant MO supported by Paramedical staff like one pharmacist, one sister, one dresser. The dispensary offers OPD services along with first aid management from Monday to Friday from 9.00 am to 5.00 pm. It has a pharmacy store where medicines are available free of cost. A routine investigation like random and fasting sugar level, Hb, Hb1Ac by the rapid kit method is available. In case of emergency, ambulance service is also provided to transfer patients to RIMS medical college or Mander Referral hospital. Expenses related to medical emergencies and hospitalization shall be borne by the parents/guardians of the student concerned. The dispensary has been conducting many health camps like Deworming, blood donation, routine medical check-up, vaccination camp for COVID 19, dental camp, etc in the campus for the employees of the campus and also in nearby villages for the welfare of the society.

Amid the pandemic, the university has strengthened its digital infrastructure for the smooth functioning of the campus activities in online mode. The university has purchased the licensed version of Google workspace and enriched its open access as well as remote access

online library. Now, the students of the University have access to 7399 e-journals. The departments of the University have started using the SAMARTH portal for admissions in UG/PG programmes.

6.2 ICT infrastructure for Administrative Functions

The Technical Cell is the prime IT services hub providing various computing and network services for website of the University www.cuj.ac.in is designed and maintained by the Technical Cell. It provides various network services on a 24x7 basis through a secured network gateway. The Central University of Jharkhand (CUJ) is connected to National Knowledge Network (NKN) through an optical fiber link with a bandwidth of 1 GBPS. A well-established Datacenter is placed at the CUJ campus that includes 7 servers for Network and System administration. The entire CUJ campus is networked through optical fiber and powerful layer 3 / layer 2 (managed & unmanaged) Cisco switches and Routers housed at the CUJ Data center. The network is secured through a Hardware firewall. The University provides 24 hours Network and Authenticated Internet access to all its employees and students placed at different departments of campus, Hostels, Staff Quarters & Visitors to enjoy the flexibility to access the web and exchange resourceful information from anywhere within the campus.

CUJ has established a computer laboratory for students. Each department of the University is equipped with a sufficient number of computers, printers, and projectors. The prime activities of the Technical Cell of the University to facilitate administration and e-governance are given below:

- Design and maintenance of website and applications;
- Design and maintenance of Back office (HR & Finance);
- Administration of Server room and Data Centre Operation;
- Training and Capacity building;
- User Support;
- Administration of Local Area Network;
- Internet Bandwidth Management;
- Webcasting/Web- Conferencing/Online teaching support;
- Formulation of Security Policy, Secure Network Gateway Setup & ACLs (Access-Control List) Enforcement; and
- On-demand Network Services.

6.3 Construction and Maintenance of Building and Real-Estate

The building committee of the University looks after the construction and maintenance of University buildings. The committee is responsible for the construction and maintenance of the Academic block, VC Office, Guest House, auditorium, Hostels, etc. The Estate department looks after water and electricity supply. It is also responsible for the maintenance of street lights and AC plant in the university. The construction of buildings at Cheri-Manatu (permanent campus) is going on at the end of the reporting period.

6.4 Financial Resources and Expenditure

The finances of the University are managed under the guidance of the Finance Committee by the Finance and Accounts Section. The Division is responsible for preparation of budget estimates, review of receipts and expenditure account, preparation of inputs for Finance Committee (FC), monitoring of financial targets of development plans. The Finance &

Accounts Division also renders financial advice/ concurrence. The Division is also responsible for the preparation of Annual Accounts of the University, managing of Provident Fund, and conduction of Internal Audit of Regional Centres/ Learner Support Centres, Divisions and Schools, etc.

The source of revenue of the University are mainly two viz. Grants from UGC and and Internal Resources. The details of Receipts and Expenditure in the last five years, including the year 2021-22 are provided in Table 5.1 and Table 5.2 respectively. The total receipt of the University during the Financial Year 2021-22 were Rs.4914.08 lakh. This includes grants of Rs. 4033.45 lakh form UGC which was 82.49% of total revenue of the University. The expenditure of the University in the reported period was 4771.97 Lakh.

Table 6.1 Receipts and Grant of the University in last five years (in lakh)

Nature of Receipts	Year (Rs. in Lakh)				
	2017-18	2018-19	2019-20	2020-21	2021-22
Total Receipts	8415.21	6880.61	10988.21	4751.30	4914.08
Grants Received from UGC	4068.65	5955.96	4543.18	4340.82	4033.45
% of Total Receipts	48.35	86.56	41.35	91.36	82.08
Academic Receipts	569.89	592.49	565.49	118.95	527.62
% of Total Receipts	6.77	8.61	5.15	2.50	10.74
Bank Interest	133.38	249.23	227.78	118.52	133.59
% of Total Receipts	1.59	3.26	2.07	2.49	2.72
Other Income	3643.28	82.92	5651.76	173.01	219.42
% of Total Receipts	43.29	1.21	51.43	3.64	4.47

Table 6.2 Expenditure of the University in last five years (in lakh)

Nature of Expenditure	Year (Rs. in Lakh)				
	2017-18	2018-19	2019-20	2020-21	2021-22
Total Expenditure	5564.29	3743.48	8562.38	4290.94	4771.97
Establishment Expenses	1373.80	2093.76	2288.08	3062.73	3676.08
% of Total Expenditure	24.69	55.93	26.72	71.38	77.03
Academic Expenses	5.36	496.89	1.43	290.20	229.23
% of Total Expenditure	0.10	13.27	0.02	6.76	4.80
Administrative Expenses	357.86	300.75	365.70	191.49	218.29
% of Total Expenditure	6.43	8.03	4.27	4.46	4.57
Repair & Maintenance Expenses	0.00	162.11	140.13	153.60	154.17
% of Total Expenditure	0.00	4.33	1.64	3.58	3.23
Fixed Assets Expenses	186.44	685.00	239.16	233.64	207.45
% of Total Expenditure	3.35	18.30	2.79	5.44	4.35
Other Expenses	3640.83	4.96	5527.88	359.29	286.75
% of Total Expenditure	65.43	0.13	64.56	8.37	6.01

6.5 Learning Resources and Infrastructure for Academic Purpose for Teachers and Learners

The faculties of the University develop e-resources and upload it on the website that can be accessed by the readers. The University has open and remote access libraries where readers can access 7399 e-journals. The INFLIBNET Centre has provided E-journal through e-Shodhsindhu. The list of the journals is given below -

Sl. No.	Resource Name	No. of Journals
1	JSTOR	3165
2	Springer Link	1725
3	Taylor & Francis	1078
4	Oxford University Press	262
5	American Institute of Physics	19
6	American Psychological Society	17
7	Economics and Political weekly	01
Total		6267

CHAPTER - 7

Learning Support & Progression

7.1 Introduction

The student centric approach to provide better quality education and access to all the students is the motto of the University. The University provides various support system for the students for their education, training and placement.

7.2 Support for Students with Disabilities

The University has constituted an Equal Opportunity Cell to look into the matter of PwDs. The administrative building in the permanent campus of Central University of Jharkhand is equipped with ramps at the entrance and lift facility on all floors. The other buildings are also in the process of getting the facilities.

7.3 Grievances Redressal Mechanism

The University has the grievance redressal mechanism. For this, different Grievance Cell are constituted for teaching and non-teaching employees. Apart from this, there are cells like Equal Opportunity Cell, OBC Cell, SC/ST Cell and Internal Complaints Committee to look into the matters concerning their issues.

7.4 Student Progression

Convocation

The First Convocation happened on 28th February, 2020. Hon'ble Shri Ram Nath Kovind, President of India was the Chief Guest in the function and delivered the Convocation address. In 2021, Convocation could not happen due to outbreak of second wave of Covid-19 and lockdown. The University has proposed to organize 2nd Convocation in the coming month of June-July, 2022.

Campus Placement

The University has a Training and Placement Cell which coordinates activities with the department placement committee to look into the matter of campus placements. Most placed students are from Business Administration. Also students of Mass Communication, Lanaguages, Environmental Science.

DEPARTMENT WISE DETAILS OF PLACEMENT DATA

Department	No. of Placement	Highest Package	Package Range
Life Science	2	6 Lacs	6 Lacs
Computer Science & Technology	4	3.6 Lacs	2.9–3.6 Lacs
English Studies	2	8 Lacs	8 Lacs
Environmental Science	4	-	-
Geoinformatics	18	42.9 Lacs	2.4–42.9 Lacs
Mass Communication	16	10 Lacs	1.7–10 Lacs
Business Administration	40	8.4 Lacs	1.44–8.4 Lacs
Energy Engineering	1	-	-
Performing Arts	1	-	-
Geography	2	4 Lacs	4 Lacs

School of Mass Communication and Media Technology**Mass Communication**

Sl.	Name of Student	Name of Organization	Position Offered	Package
1.	Dr. Rupa Kumari	Usha Martine University	Assistant Professor	400000
2.	Mr. Amjad Hussain	Usha Martine University	Guest Faculty	300000
3.	Ms. Shreya Sinni	JSLPS	Young Professional	264000
4.	Mr. Ankit Kumar Sinha	JSLPS	Young Professional	264000
5.	Shiwani Gupta	Ranchi Express	Sub-Editor	216000
6.	Reeti Priya	Lagatar 24	Copy Editor (Trainee)	144000
7.	Shefali Chaturvedi	Lagatar 24	Copy Editor (Trainee)	144000
8.	Swati Anand	Lagatar 24	Copy Editor (Trainee)	144000
9.	Ms Shreya Gupta	The News Post	Content Creator	120000
10.	Ms. Ritika Vaidya Gautam	Samachar Plus	Trainee Journalist	120000
11.	Ms Ankita Kumari	MIT ADT University, Pune	Assistant Professor	300000
12.	Nidhi Nirala	Piramal Foundation	Aspirations District Collaborative	174000
13.	Supriya Kumari	Piramal Foundation	Block Transformation Manager	174000
14.	Adity Dutta	Contentlane	Content Writer	180000
15.	Nitu Kumari	AKA Tarsadia University	Assistant Professor	300000
16.	Ms. Nity	Odisha Public Service Commission	Assistant Professor	1000000

School of Management Science**Business Administration**

Sl.	Name of Student	Name of Course	Position Offered	Package
1.	Kunal Bharti	MBA	Reliance Retail (Reliance Industries Limited)	2,75,000 p.a.
2.	Neha Surbhi	MBA	Axis Bank Limited	3,62,832 p.a.
3.	Kumar Malay	MBA	BYJUs	5,00,000 p.a.
4.	Sneha Lakra	MBA	Axis Bank Limited	3,62,832 p.a.
5.	Sparsh Kumar	MBA	Reliance Retail (Reliance Industries Limited)	2,75,000 p.a.
6.	Vidhu Shekhar Nandan	MBA	Nysaa Retail Pvt Ltd (1 India family mart)	1,44,000 p.a.
7.	Vinay Kumar Shukla	MBA	Reliance Retail (Reliance Industries Limited)	2,75,000 p.a.
8.	Aryan Anand	IMBA	BYJUs	5,00,000 p.a.
9.	Alok Kumar Sinha	IMBA	Axis Bank Limited	3,62,832 p.a.
10.	Kumar Saurav	IMBA	Reliance Retail (Reliance Industries Limited)	2,75,000 p.a.
11.	Kumar Manglam	IMBA	Tru Trust Lubricants Pvt Limited	1,44,000 p.a.
12.	Amber Kumar	MBA	Tata Consultancy Services Limited	6,00,000 p.a.

13.	Sonal kumari	MBA	BYJUs	6,00,000 p.a.
14.	Roushan Kumar	MBA	Collabera Services Private Limited	2,53,200 p.a.
15.	Nilay Tiwari	MBA	Smergers Services Online Private Limited	3,60,000 p.a.
16.	Mona Kumari	MBA	Synopsys India Pvt. Ltd.	4,20,000 p.a.
17.	Kumar Saurabh	MBA	Fusion MicroFinance Limited	3,00,000 p.a.
18.	Anshu Priya	MBA	PERSOLKELLY India Pvt. Ltd.	4,43,000 p.a.
19.	Avinash Kumar	MBA	Kotak Mahindra Bank Limited	3,01,000 p.a.
20.	Deepak kumar	MBA	Tata Consultancy Services Limited	5,79,430 p.a.
21.	Divya Sinha	MBA	Lido Quality Tutorials Pvt Limited	5,60,000 p.a.
22.	K. pooja Vishwakarma	MBA	DL SSR Infotech	1,80,000 p.a.
23.	Monu Lal Rajak	MBA	Lido Quality Tutorials Pvt Limited	4,00,000 p.a.
24.	Palak Raj	MBA	Tata Consultancy Services Limited	5,79,430 p.a.
25.	Rajesh Kumar Behera	MBA	Shriram Transport Finance Company Ltd.	2,44,000 p.a.
26.	Rakhi Kumari	MBA	Piramal Foundation	3,00,000 p.a.
27.	Rakhi Kumari Akela	MBA	Kotak Mahindra Bank Limited	2,90,000 p.a.
28.	Rashmi kumari	MBA	PERSOLKELLY India Pvt. Ltd	4,42,940 p.a.
29.	Sarvesh Kumar	MBA	EY (Ernst & Young)	4,50,000 p.a.
30.	Suraj Kumar Gupta	MBA	PFRNDZ Infoconnect Private Limited	3,60,000 p.a.
31.	Varsha Kumari	MBA	Power Grid Corporation of India Limited	1,80,000 p.a.
32.	Rakesh Kumar Rabidas	IMBA	Indian Institute of Management, Indore	3,25,000 p.a.
33.	Christy Shaji	IMBA	Tata Consultancy Services Limited	5,79,430 p.a.
34.	Chandan Kumar	IMBA	Trimax IT & Infrastructures Services Private Limited	2,16,000 p.a.
35.	Rajshree	IMBA	Incassable Technologies Pvt Ltd(Swiflearn)	8,40,000 p.a.
36.	Sumit Kumar	IMBA	Incassable Technologies Pvt Ltd(Swiflearn)	7,20,000 p.a.
37.	Ritish Kumar	IMBA	Indian Institute of Management, Amritsar	3,00,000 p.a.
38.	Nikky Chandra	IMBA	Humac solutions Pvt. Ltd	2,20,000 p.a.
39.	Vishwajeet Kunal	IMBA	Pramoda Management Pvt. Ltd.	2,16,000 p.a.
40.	Madan Mohan Sharan	IMBA	Indian Institute of Management, Indore	3,00,000 p.a.

School of Natural Sciences

Life Sciences

Sl.	Name of Student	Name of Organization	Position Offcered	Package
1.	Nidhi Shukla	Byjus	Faculty Position	6 L P.A.
2.	Dipti Dungdung	Byjus	Faculty Position	6 L P.A.

Computer Science & Technology

Sl.	Name of Student	Name of Organization	Position Offcered	Package
1.	Prakash Gautam	Infosys	System Engineer	3.6
2.	Archana Kumari	Infosys	System Engineer	3.6
3.	Tanu Priya	Mind Tree	Junior Engineer	2.97
4.	Zavya Khurshid	TCS	Assistant Engineer	3.4

School of Languages**English Studies**

Sl.	Name of Student	Name of Organization	Position Offered	Package
1.	Akriti Kumari	Trukker Technologies PVT Ltd.	Process Trainer	4.5 Lakh
2.	Preeti Rashmi	Vandey Consultancy Pvt. Ltd.	Assistant Professor	8 Lakhs

School of Engineering and Technology**Energy Engineering**

Sl.	Name of Student	Name of Organization	Position Offered	Package
1.	Dr Atul Sagade, the first PhD scholar of the Deptt got an offer to join as faculty in Department of Mechanical Engineering, University of Tarapaca, Chile.			

School for the Study of Culture**Performing Arts**

Sl.	Name of Student	Name of Organization	Position Offered	Package
1.	Himanshu Gautam	Jawahar Navodaya Vidyalaya Lumami, Zunheboto	Music Teacher	Regular Job

School of Natural Resource Management**Geoinformatics**

Sl.	Name of Student	Name of Organization	Position Offered	Package
1.	Rasika Sanjay Jadhav	Quantum Asia Pvt Ltd.	Image Processing Expert	3.0 Lakhs
2.	Abhijit Sarkar	Quantum Asia Pvt Ltd.	Image Processing Expert	3.0 Lakhs
3.	Anushree Samanta	Quantum Asia Pvt Ltd.	Image Processing Expert	3.0 Lakhs
4.	Imran SK	Quantum Asia Pvt Ltd	Image Processing Expert	3.0 Lakhs
5.	Pampattiwar Shiva Teja	EKI Energy Services Limited	Executive Operations	4.0 Lakhs
6.	Shivangi Tiwari	EKI Energy Services Limited	Executive Operations	4.0 Lakhs
7.	Anshu Kumari	Cognizant Technology Solutions India Private Limited ("Cognizant")	Programmer Analyst Trainee	INR 401,988/-
8.	Sheetal Kumar	INDIAN INSTITUTE OF TECHNOLOGY ROORKEE	Project Associate oo, adhoc basis	INR 24,415/-p.m
9.	Khushboo Dungdung	Institute of forest Productivity	JPF	INR 20,000 P.M
10.	Trinath Mahato	Center for Environment and Energy Development	Research Associate, CEED India Development	INR 40,000 P.M
11.	Sandeep Kumar	IIT, Bombay	Junior Research Fellow	INR 31000 + HRA P.M
12.	Saurav Kumar	IIT, Delhi	Junior Research Fellow	INF 99000 Fixed
13.	Alisha Prasad	CUJ, Ranchi	Project Assocate	INR 25000 + HRA
14.	Sheetal	Vigina Tech, USA		
15.	Preet Lal	Michigan State University	Ph.D. Programme	\$ 53,668 Annual

16.	Subham Bhattacharji	IIT, Mumbai		
17.	Akash Anand			
18.	Arunik Baruah	IUSS Scuola Universitaria Superiore Pavia	Ph.D. Studies	15,34,332 EURO per year

Environmental Sciences

Sl.	Name of Student	Name of Organization	Position Offered	Package
1.	Shraddha Sharma	S & P Global Market Intelligence, Hyderabad		
2.	Anshu Gupta	Gems Projects Pvt. Ltd		
3.	Shreya Singh	BYJU'S Edutech Company		
4.	Abhijeet Ganguly	Phillips		

Geography

Sl.	Name of Student	Name of Organization	Position Offered	Package
1.	Sagar Upadhyay	EKI Energy Services Ltd	Executive Operations	400000 p.a.
2.	Prince Kumar	EKI Energy Services Ltd	Executive Operations	400000 p.a.

Library Services

The University provides Open Access Library with Remote Access facility. All the faculties are provided a login for remote access of the library. Apart from this, University has an access to 7399 e-Journals and 576 e-Books. Among the e-Journals around 1632 Journals from 10 Subject collection of Science Direct are available. Rest of the Journals (around 6267) are from JSTOR, Springer Link, Taylor & Francis, Oxford University Press, Americal Institute of Physics, America Physical Society, Economics & Political Weekly. The University Library possess a good collection of Reference / Text Books in all disciplines. It has access to 02 Print Journals and 04 newspapers for the students, researchers and faculties.

CHAPTER - 8

Governance, Leadership & Management

This chapter gives a brief account of Governance, administration and financial outlays of the University. In addition to these aspects, it also covers faculty development and empowerment strategies, and Internal Quality Assurance System.

8.1 Governance and Administration

The administration and governance of the University is looked after by the Administration Division. To carry out its various functions, the Administration is divided into sections on the basis of the nature of duties and responsibilities. The organization of meetings of Executive Council and other committees are dealt by the administration. It also deals with framing, amendment, addition and deletion in the Statutes, Ordinances, Rules, Regulations, etc. This section also maintains liaison with MoE and UGC for providing requisite information related to Central University of Jharkhand. The Administration gives inputs to other Sections/Cells/Centres/Departments/Schools by providing key papers/minutes/decisions etc. to facilitate their work particularly in policy matters.

Establishment

The service matter of Non-Teaching Employees (Administrative and Technical) of the University are looked after by the Establishment Section. Table 8.1 reflect the strength and in-position of the Administrative and Technical Staff.

Table 8.1: Administration and Technical Staff Strength Sanctioned, in position and vacant

Category	Administrative Staff				Technical Staff				Total Staff			
	Sanctioned	In position		Vacant	Sanctioned	In position		Vacant	Sanctioned			Vacant
		SC/ST	General/OBC			SC/ST	General/OBC			SC/ST	General/OBC	
Group A	9	0	8	1	0	0	0	0	9	0	8	1
Group B	14	0	9	5	7	0	6	1	21	0	15	6
Group C	35	4	25	6	38	4	25	9	73	8	50	15
Total	58	4	42	12	45	4	31	10	103	8	73	22

Recruitment

The Recruitment Cell looks after advertisement, screening and other activities pertaining to the recruitment of Teaching and Non-teaching posts. The activities involve publication of advertisement, receipt of applications, scrutiny of applications through a constituted Screening Committee, conduct of Written Test/Interviews, selection of candidates on the basis of the recommendations of the Selection Committee(s).

Welfare of SC/ST

The University has a specialized Cell to look after the welfare of SC and ST employees. This Cell monitors the implementation of the reservation policy of the Government of India in the University. The Cell also facilitates welfare activities of students belonging to SC/ST. Statistical data pertaining to SC/ST employees and learners is collated and furnished on demand to the MoE, UGC and other outside agencies by the SC/ST Cell of the University.

Implementation of Official Language Policy

The Rajbhasha Cell/Hindi Cell looks after the implementation of the Official Language Policy of the Government of India; advises and assign tasks necessary steps to provide use of Hindi in day-to-day work of the University. The Cell translates administrative documents. The Cell conducts workshops and orientation programmes for capacity building of the employees to train them for better and effective use of Hindi in official work. The Cell celebrates Hindi Diwas (in the month of September) and Hindi Pakhwara every year by organizing debates, competitions, typing test, essay writing, dialogue writing etc. to improve awareness and use of Hindi in official work.

Right to Information

The University has established a RTI Cell for providing timely replies to the queries raised under the Right to Information (RTI) Act, 2005. The University designated Central Public Information Officer (CPIO) and Appellate Authority at Headquarter for strict compliance of RTI Act and for providing timely replies. The quarterly Report on RTI related issues, as per directions of Chief Information Commission (CIC), are regularly uploaded on its website.

Central Purchase

The Purchase Cell manages the task of purchase of items for the University. It is also responsible for insurance of assets and properties of the University as well as the annual maintenance contracts of all the equipment/machines procured by this cell. The cell manages the task of tendering process including its evaluation, arranging for financial concurrence and placing the agenda before the Central Purchase Committee (CPC) as well as Central Academic Purchase Committee (CAPC).

Legal Matters

The Legal Cell takes care of all legal matters related to the University, including the cases before the various courts located in the jurisdiction of the University as well as all over the country and monitoring these cases through this cell. The cell also deals with legal vetting of various documents referred to it by the University.

Vigilance

A Vigilance Cell was established in the University to bring into practice the guidelines laid down by the Central Vigilance Commission (CVC). The Chief Vigilance Officer (CVO) acts as a special assistant/ advisor to the Vice-Chancellor in all matters pertaining to vigilance. Vigilance Awareness Week was observed as per the guidance of the Ministry and Government of India. The week commenced with the Vigilance pledge administered both in

English and Hindi by Registrar and Chief Vigilance Officer respectively to all employees of Central University of Jharkhand. The employees of the University took the pledge to work with honesty and eradicate all corrupt practices.

General Administration

The Section deals with matters related to house allotment, space allocation to School/ Departments/ Centres/ Cells/ Sections, receipts/payment of license fee, electricity bills, payment relating to property tax, employees welfare fund activities, maintenance of University vehicles and arranging vehicles for officers and for official visits and meeting etc. It also conducts meetings for allotment of quarters and makes logistic arrangements for other meeting of the University, conferences, convocation, etc.

Service Matters of Teachers/Academics

The matter goes through the Dean Academic Affairs. Also there is a Grievance Redressal Cell for the teaching employees which looks after the service matters of the teachers/ academics.

8.2 Strategy for Development and Deployment

There is a 'Training and Placement Cell' where activities related to the training of the employees of the university is also looked into. The office of the Registrar in consultation with the Vice Chancellor looks after the deployment of the employees.

8.3 Facility Development/Empowerment Strategies

Incubation Centre is passed by the state government in collaboration with the CUJ. Different Cells are active for the empowerment of the employees, viz. Grievance Redressal Committee for Student's Grievances, Internal Grievance Committee for Teaching, Internal Grievance Committee for Non-teaching, Internal Complaint Committee, Standing Committee for the Welfare of SC/ST, OBC Cell, Cell related to stopping ragging on campus and Equal Opportunity Cell.

8.4 Internal Quality Assurance Cell

The Internal Quality Assurance Cell (IQAC) was established in the University to ensure quality in all operations and services and for continuous improvement in the overall functioning of the University. As per the mandate, the IQAC played a special role in preparing the University for assessment and accreditation by the National Assessment and Accreditation Council (NAAC). During the financial year 2021-22 the following were the activities of IQAC:

- (i) Preparation and Submission of Institutional Information for Quality Assessment (IIQA).
- (ii) Preparation and Submission of Self Study Report (SSR)
- (iii) Preparation and Submission of UGC Annual Report of IQAC
- (iv) IQAC Lecture Series for quality assurance was organized by the IQAC from 30th January, 2022 to 13th February, 2022 in which eminent scholars of diverse filed were invited to deliver the lecture

CHAPTER - 9

Institutional Values & Best Practices

9.1 Social Responsibilities

Implementation of Government Programmes

Central University of Jharkhand organizes various events / awareness programmes to sensitize the general public about different aspects of public welfare. The students of the University at the grass-roots level spread all over the country lead great promotional activities. The University has undertaken extension and outreach activities under various Govt. of India schemes in the reported period, with prime focus on Swachh Bharat Abhiyan, Unnat Bharat Abhiyan, One Student One Tree, Plastic free environment, sanitation and Health awareness, NCC, NSS, etc.

Unnat Bharat Abhiyan

The Central University of Jharkhand joined Unnat Bharat Abhiyan (UBA) mission to attain the objective directives of Ministry of Education, Govt. of India by adopting villages. Varieties of activities and initiative have been carried out in the adopted villages.

The University carried out various programmes under the UBA included awareness programmes, meetings with elderly people to persuade younger generation to gain education, digital literacy, computer literacy programmes, agriculture awareness campaign on health related issues, free health campus, cleanliness drive, meetings with women to orient them for maintaining health and hygiene in day to day affairs. These activities were taken up with the support of external agencies like District Collectors, Block Development Officers, Gram Sabha, Gram Panchayat, other civil administration bodies, NGOs and educational institutions, etc.

Swachh Bharat Mission

The University has taken up numerous activities as part of the Swachh Bharat Mission. These activities included sensitization to employees, students and local people through awareness meetings on Swachhata, Swachhata Pledge, Swachhata Rally, cleaning of the office and surroundings, plantation activity, sanitation drives, toilet cleaning, cleaning of drains, garbage collection and disposal, hand washing campaign, health and hygiene talks, etc. Several awareness activities have been undertaken under these initiatives including Nukkad Natak, awareness rallies, Marathon and several thematic competitions on Cleanliness.

9.2 Best Practices

a) Online Learning

The University teaching is enhanced via the online teaching modes usage and that was enhanced and well utilized during the pandemic crisis. The lectures, seminars, viva and tests are conducted through the medium of Google Meet and Zoom.

b) Online question paper delivery system

The pandemic crisis shifted the University educational process and practice from offline mode to online. The examinations were too conducted via the online medium by developing of a web portal for the same and also the question papers were disseminated through the Gmail for the student's convenience.

9.3 Green Campus

The University looks after all kinds of horticultural work like development and maintenance of greenery including landscaping of the campus of sprawling, undulating difficult rocky terrain. The temporary campus of the University is located at Brambe, 25 km from the Ranchi city, in the state of Jharkhand, India. The temporary campus acquires about 45 acres of vibrant green campus, with the classroom and hostels blending well with the environment. The infrastructure of the campus is surrounded by the tall Sal trees and the classrooms are located in mango orchard. Campus beautification committee of the University develops lawns and gardens, undertakes plantation of trees, and saplings, prepares herbaceous and shrubbery boarders and grows a variety of medicinal plants and seasonal flowering plants. Saplings are generated using different plant propagation techniques in the nursery. It also grows chemical free seasonal vegetables throughout the year. The Cell has developed vermin compost within the University campus. The Brambe campus of the University has well grown trees which help in improving pollution free environment.

The permanent campus of the University is at Cheri-Manatu, about 10 km off main city, allotted by the State Government of Jharkhand in about 510 acre of area. The University is partially shifted to the permanent campus including several departments and the administration. The construction work is in continuing mode that plans to create a campus worth visiting and staying. The campus is planned to be matchless in its own right by offering an eco-friendly environment for the academics pursuit green architecture and designs.

9.4 Institutional Distinctiveness

a) Disabled friendly delivery of learning

The infrastructure of the University includes platform along with the slopes making it favourable for disabled. Also the hostel includes minimum stairs that varies between 2-3 steps and are single floored buildings. This pattern of pathways could be traced in entire campus.

b) Efforts for reaching the Unreached

UNNAYAN

The UNNAYAN is a educational and social responsibility wing of the Central University of Jharkhand to teach downtrodden students of the locality. The University students teach the students of UNNAYAN and it is open to all and free coaching is provided to the students of primary to 10th standard from nearby villages. With time the UNNAYAN also included cultural activities and distributes books and study materials/belongings to encourage the students.

NSS Activities

- 1. 6th April 2021. Mrs. Darshana Poddar**, (She is the Additional Advocate General of State of Jharkhand. She is a practicing lawyer at the Jharkhand High Court since 2000. She has also qualified as a solicitor of the Supreme Court of England & Wales.): She spoke at length about the various existent laws formulated for the safeguard of women.
- 2. 21st August 2021** Invited Speaker, **Ms. Renu Mishra (CEDAW)**, Coordinator for Association for Advocacy and Legal Initiatives (AALI) Formal Equality vs **Substantive Equality, Activity:** “Is this formal equality or substantive.”
- 3. 28th August 2021**, Invited Speaker, **Ms. Apoorva Srivastava**, Advocate, Association for Advocacy and Legal Initiatives (AALI), Short historical reference to India becoming a Republic, Open Discussion on **“Introduction to Constitution of India”**, Reading the Preamble (students volunteer – English and Hindi), **Fundamental Rights Article 14,15,19,21.**
- 4. 4th August 2021**, Invited Speaker, **Ms. Prartikhya Pridarshini, (Senior Program Officer)** “Multiple Identities and Multiple Oppressions Patriarchy’s intersection with Caste, Tribe and Religion”.
- 5. 4th August 2021**, Invited Speaker, **Ms. Babli Singh**, (senior Programme Officer in Association for Advocacy and Legal Initiatives (AALI). “Witch” Hunting in Jharkhand” Open Discussion.
- 6. 11th September 2021**, Invited Speaker, **Ms. Anchal Gupta**, External Consultant at AALI, Listing of Special Laws for Women and Girls –a historical reference, what is Sexual Harassment? And Salient features of SH@WP, Open Discussion.
- 7. 18th September 2021**, Invited Speaker, **Ms. Babli & Reshma**, Senior Programme Officer in Association for Advocacy and Legal Initiatives (AALI), “What is trafficking & safe mobility”, Law related to trafficking.
- 8. 1st to 3rd October 2021:** The NSS Volunteers participated in a three-day workshop, Command Control Communication Centre’ organised by Urban Development and Housing Department. The students were informed about the traffic rules and also about the efforts being taken by authorities to check the rising instances of crime in the city.
- 9. 8th March 2022:** Celebration on International Women’s Day on 8 th March 2022 (11.30 am to 12.30 pm) Cheri-Manatu Campus, Central University of Jharkhand, Ranchi. A special talk was arranged on the Occasion of International Women’s Day on 8 th March 2022 from 11.30 am to 12.30 pm on 8th March 2022, on 01 st Floor, School Meeting, Cheri-Manatu Campus, Central University of Jharkhand, Ranchi. The theme of the special talk was “Gender Equality Today for a Sustainable Tomorrow”.

10. 22nd March 2022: The National Service Scheme wing of the Central University of Jharkhand on Friday organized a Blood donation camp in collaboration with RIMS and Zinnia NGO. Many NSS volunteers, CUJ students, and staff took part in this initiative.

9.5 IQAC Lecture & Training Programme:

The IQAC lecture series for quality assurance was organized by the IQAC Cell of the University on the “IQAC Lectures and Training Programme”. The programme was organized from 30th January, 2022 to 13th February, 2022.

In this programme, following eminent speakers delivered Lectures and express their view on the matter:

- a. Prof. P.K. Mishra, Central University of Punjab,
- b. Dr. R.C. Rout, Vice President, R & D, Hindalco,
- c. Prof. Prakash C. Sarangi, Former VC, Ravenshaw University,
- d. Dr. Neelakamal Mohapatra, President, R & D/ Innovation (Yansefu Inks and Coating Pvt. Ltd.,
- e. Dr. Amiya K. Rath, Advisor, NAAC,
- f. Prof. D.N. Rao, Vice President, Centurion University of Technology and Management,
- g. Prof. Sanjay K. Nayak, Hon’ble Vice Chancellor, Ravenshaw University,
- h. Prof. S. Panda, Director, NISER, Bhubaneswar,
- i. Prof. Nagendra Ambedkar Sloe, Professor & Head, Dept. of Economics, CU- Rajasthan.

Special Lecture on the event of ‘World Tribal Festival’

‘World Tribal Festival’ was organized by the University in collaboration with ICPR, New Delhi from August 9-15, 2021 where many eminent speakers such as Hon’ble Karia Munda, Former Cabinet Ministry, Govt. of India, Prof. Sachhidanand Mishra, Member Secretary, ICPR, New Delhi and other social workers/activists were invited to deliver lecture on the event.

Surya Namaskar Programme

On the occasion of Makar Sakranti as a part of ‘Azadi ka Amrit Mahotsav’ ‘Surya Namaskar Programme’ was organized by the University on 14th January, 2022 where maximum number of faculty members, administrative staff, research scholars and students of the University participated.

Janajatiya Gourav Divas

University has organized ‘Janajatiya Gourav Divas’ on the theme “Bhagawan Birsa Munda, Janajatiya Ke Pratik” from November 16-21, 2021 where a number of online lectures were delivered by number of eminent speakers such as Prof. S.N. Munda, Former Vice Chancellor of DSPMU, Ranchi, Shri Mukundlal Nayak, Padamshree, Mr. Vishal Kant, Bureau Chief of the Jharkhand Hindustan Times, Dr. Damayanti Beshra, Padamshree, etc.