INFLIßNET NEWSLETTER

INFLIBNET

Editorial Board

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https://indcat.inflibnet.ac.in/

SOUL
https://soul.inflibnet.ac.in/

VIDWAN
https://vidwan.inflibnet.ac.in/

e-ShodhSindhu
https://ess.inflibnet.ac.in/

N-LIST (E-resources for College)
https://nlist.inflibnet.ac.in/

InfiStats: Usage Statistics Portal for e-Resource
https://infistat.inflibnet.ac.in/

Indian Research Information Network System
https://irins.org/irins/

e-PG Pathshala
https://epgp.inflibnet.ac.in/

Vidya-Mitra: Integrated e-content Portal
https://vidyamitra.inflibnet.ac.in/

INFLIBNET's Institutional Repository
https://ir.inflibnet.ac.in/

Shodhganga
https://shodhganga.inflibnet.ac.in/

ICT Skill Development Programmes
https://hrd.inflibnet.ac.in/

INFED
https://parichay.inflibnet.ac.in/

INFLIBNET Learning Management Service
https://www.inflibnet.ac.in/ilms/

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निदेशक की कलम से
From Director's Desk

(प्रिय पाठको)

मुझे आपके सामने वर्ष 2022 के लिए इनफिलबनेट न्यूज़लेटर की चौथी तिमाही का अंक को प्रस्तुत करते हुए खुशी हो रही है। इनफिलबनेट केंद्र ने बनारस हिंदू विश्वविद्यालय (बीएचयू), वाराणसी, उत्तर प्रदेश के सहयोग से 17 से 19 नवंबर 2022 तक बीएचयू में "अगली पीढ़ी के शैक्षणिक परिदृश्य के लिए पुस्तकालयों में डिजिटल परिवर्तन की कल्पना" विषय पर 13वें अंतर्राष्ट्रीय CALIBER का आयोजन किया। सम्मेलन का औपचारिक उद्घाटन बीएचयू के माननीय कुलपति प्रो सुधीर के जैन ने अन्य गणमान्य व्यक्तियों और आमंत्रित अतिथियों की उपस्थिति में किया। इस अवसर पर आईआईटी बीएचयू के निदेशक प्रोफेसर पीके जैन मुख्य अतिथि थे। तीन दिनों के दौरान, कुल 445 प्रतिभागियों ने सम्मेलन के लिए पंजीकरण कराया था।

शोध जीवन चक्र के दौरान शैक्षणिक समुदाय की मदद और समर्थन करने के लिए केंद्र की अनूठी पहल शोध–चक्र को देश भर के विश्वविद्यालयों से जबरदस्त प्रतिक्रिया मिल रही है, और रिपोर्ट की गई अवधि तक, देश में कुल 74 विश्वविद्यालयों ने इन्फिलबनेट केंद्र के साथ शोध–चक्र का उपयोग करने के लिए समझौता ज्ञापन पर हस्ताक्षर कर चुके हैं जिस में रिपोर्ट अवधि के दौरान 30 विश्वविद्यालयों सामिल हैं।

मुझे आपको यह बताते हुए खुशी हो रही है कि बिहार सरकार के शिक्षा विभाग के तहत बिहार राज्य उच्च शिक्षा परिषद और उनके विश्वविद्यालयों ने 12 दिसंबर 2022 को बिहार के सभी 16 सार्वजनिक विश्वविद्यालयों को इनफिलबनेट सेवाओं की सुविधा प्रदान करने और उनके सभी पुस्तकालयों को ऑनलाइन जोड़ने के लिए, इनफिलबनेट केंद्र के साथ एक त्रिपक्षीय समझौता ज्ञापन पर हस्ताक्षर किए हैं। बिहार के शिक्षा मंत्री श्री चंद्र शेखर सिंह, शिक्षा विभाग के अपर मुख्य सचिव एसएच दीपक कुमार सिंह और सचिव असंगबा

Dear Readers

I'm glad to present before you the fourth quarter issue of the INFLIBNET Newsletter for the year 2022. The INFLIBNET Centre organized the 13th International CALIBER in collaboration with Banaras Hindu University (BHU), Varanasi, Uttar Pradesh from 17th to 19th November 2022 at BHU on the theme "Envisioning Digital Transformation in Libraries for NextGen Academic Landscape". The conference was formally inaugurated by the Hon'ble Vice Chancellor of BHU, Prof Sudhir K Jain, in the presence of other dignitaries and invited guests. Prof P K Jain, Director, IIT BHU was the Chief Guest for the occasion. During the three days, a total of 445 participants were registered for the conference.

Shodh-Chakra, the unique initiative of the Centre to help and support the academic community during the research life cycle, is receiving an overwhelming response from universities across the country, and till the reported period, a total of 74 universities in the country have signed MoUs with the INFLIBNET Centre to use Shodh-Chakra including 30 universities during the period under report.

I am glad to inform you that the Bihar State Higher Education Council under the Department of Education - Government of Bihar and their Universities have signed a tri-party MoU with the INFLIBNET Centre on 12th December 2022, for facilitating INFLIBNET services to all the 16 public universities of Bihar and to connect all their libraries online. Bihar Education Minister, Sh Chandra Shekhar Singh, Education Department's additional

चुबा आओ, राज्यपाल के प्रधान सचिव श्री रॉबर्ट एल चोंगथू इनफिलबनेट केंद्र के निदेशक प्रो जे पी सिंह जुरेल और बिहार राज्य उच्च शिक्षा परिषद (बीएसएचईसी) के उपाध्यक्ष कामेश्वर झा के अलावा संबंधित विश्वविद्यालयों के कुलपति और प्रतिनिधि इस MoU हस्ताक्षर समारोह के गवाह थे।

इनफिलबनेट केंद्र ने रिपोर्ट की गई अवधि तक संस्थानों के लिए कुल 661 IRINS उदाहरण बनाए हैं, जिनमें 57 IRINS उदाहरण शामिल हैं जो रिपोर्ट की गई अवधि के दौरान बनाए गए थे। 31 दिसंबर 2022 तक, कुल 771 संस्थानों (696 विश्वविद्यालयों+75 सीएफटीआई) ने इनफिलबनेट केंद्र के साथ शोधगंगा पर समझौता ज्ञापन पर हस्ताक्षर किए हैं, जहां रिपोर्ट की गई अवधि के दौरान 52 समझौता (31 विश्वविद्यालयों+21 सीएफटीआई) ज्ञापन जोड़े गए थे। और, शोधगंगा भंडार में जमा किए गए शोध प्रबंधों की कुल संख्या रिपोर्ट की गई अवधि के अंत तक बढ़कर 4,10,691 हो गई है, जिसमें रिपोर्ट की गई अवधि के दौरान अपलोड किए गए 24,427 शोध–प्रबंध शामिल हैं। इसमें कुल 627 विश्वविद्यालय योगदान दे रहे हैं।

इनफिलबनेट केंद्र देश भर के विभिन्न संस्थानों के प्रतिभागियों के बीच प्रशिक्षण प्रदान करने के लिए नियमित रूप से ऑफलाइन/ऑनलाइन विशिष्ट प्रशिक्षण कार्यक्रम और कार्यशालाएं आयोजित करता है। रिपोर्ट की गई तिमाही के दौरान, केंद्र ने 2 से 4 नवंबर 2022 तक 'शोधगंगा और साहित्यिक चोरी के मुद्दों' पर एक उन्नत प्रशिक्षण कार्यक्रम और 12 से 16 दिसंबर 2022 तक SOUL सॉफ्टवेयर उपयोगकर्ताओं के लिए 'SOUL 3.0: स्थापना और संचालन' पर एक प्रशिक्षण कार्यक्रम आयोजित किया। इस अवधि के दौरान, केंद्र ने विश्वविद्यालयों के लिए शोध–चक्र पर कुल 06 (1–सामान्य और 5–संस्थागत) ऑनलाइन प्रशिक्षण कार्यक्रम आयोजित किए। इसके अलावा, रिपोर्ट अवधि के दौरान केंद्र ने बिहार राज्य के 16 विश्वविद्यालयों के लिए सामान्य तौर पर अपनी विभिन्न सेवाओं पर कुल 11 प्रशिक्षण कार्यक्रम आयोजित किए।

केंद्र ने 4 अक्टूबर 2022 को अपने परिसर में अपने कर्मचारियों और उनके परिवारों के लिए गरबा आयोजित करके बड़े उत्साह के साथ नवरात्रि उत्सव मनाया। और केंद्र ने 21 अक्टूबर 2022 को केंद्र ने दिवाली के अवसर पर एक मिलन समारोह और पारंपरिक पोशाक दिवस का आयोजन किया।

मुझे यकीन है कि पाठकों को इनफिलबनेट न्यूज़लेटर के इस चौथा अंक को पढ़ने में अच्छा लगेगा।

आप सभी को शुभकामनाएं! सुरक्षित रहें! धन्यवाद।

Chief Secretary, SH Dipak Kumar Singh and Secretary, Asangba Chuba Ao, Governor's Principal Secretary, Sh Robert L Chongthu, INFLIBNET Centre's Director, Prof J P Singh Joorel and Bihar State Higher Education Council (BSHEC)'s Vice-Chairman, Kameshwar Jha besides the Vice-Chancellors and representatives of the Universities concerned were witnesses to the MoU signing ceremony.

The INFLIBNET Centre has created a total number of 661 IRINS instances for institutions till the reported period including 57 IRINS instances that were created during the reported period. As on 31st December 2022, a total of 771 (696 Universities + 75 CFTIs/INIs) have signed MoU on Shodhganga with the INFLIBNET Centre where 52 MoUs (31 Univ + 21 CFTs/INIs) were added during the reported period. And the total number of theses deposited into the Shodhganga repository has grown up to 4,10,691 by the end of the reported period including 24,427 Theses that were uploaded during the reported period. A total of 627 Universities are contributing to it.

The INFLIBNET Centre regularly conducts Offline/Online Specialized Training Programmes & Workshops to impart training among participants from different institutions across the country. During the reported quarter, the Centre conducted one advanced training programme on 'Shodhganga and Plagiarism Issues' from 2nd to 4th November 2022 and one training programme on 'SOUL 3.0: Installation and Operations' for SOUL software users from 12th to 16th December 2022. During the period, the Centre organized a total of 06 (1-General and 5-Institutional) online training programmes on Shodh-Chakra for universities. Further, the Centre conducted a total of 11 training programmes on its various services in general for 16 Universities of Bihar State during the reported period.

The INFLIBNET Centre celebrated the Navratri festival with great enthusiasm with a Garba Night organized for its employees and their families on 4th October 2022 at its premises. And the Centre organized a Get-together and Ethnic Wear Day on the Occasion of Diwali on 21st October 2022 at the Centre.

I am sure that the readers would enjoy reading this fourth issue of the INFLIBNET Newsletter.

Best wishes to you all! Stay Safe! Thank you.

(J P Singh Joorel)

INFLIBNET Online Training Programmes/Workshops

The INFLIBNET Centre regularly conducts Offline/Online Specialized Training Programmes & Workshops to impart training among participants from different institutions across the country. During the reported quarter, one advanced training programme on 'Shodhganga and Plagiarism Issues' and one training programme on 'SOUL 3.0: Installation and Operations for SOUL' were organized at the INFLIBNET Centre, Gandhinagar.

Three-day Advanced Training Programme on Shodhganga and Plagiarism Issues, INFLIBNET Centre, Gandhinagar, 2nd - 4th November 2022

Participants of the Advanced Training Programme on Shodhganga and Plagiarism Issues at INFLIBNET Centre, Gandhinagar

Three Days Advanced Training Programme on Shodhganga and Plagiarism Issues was organized from 2nd to 4th November 2022 at the INFLIBNET Centre. Mr Manoj Kumar K, Scientist-E (CS), and In-charge Scientist of the project, inaugurated the programme in the august presence of University Coordinators of ShodhShuddhi & Shodhganga, Professors, Dean, and Library Professionals from various Universities and Institutes from India. In his inaugural address, he spoke about the evolution of the Academic Integrity Policy at the national level and its approach towards making the digitization of Indian PhD theses compulsory. He also highlighted the landmark UGC Regulation 2009 regarding the submission of the electronic version of theses and dissertations to Shodhganga, as well as the Notification issued in 2018 for the Promotion of Academic Integrity and Prevention of Plagiarism in HEIs.

Mr Manoj Kumar K, Scientist-E (CS), coordinated the programme along with Dr Surbhi, Scientist-C

(LS), and Mr Rajan Kumar, Scientist-B(LS), as co-coordinators. Dr Surbhi gave an overview of the programme.

Prof J P Singh Joorel, Director, INFLIBNET Centre, addressed the participants during the Valedictory Session and distributed the certificates to the participants. In his valedictory address, he congratulated the participants for their active participation and informed them about the latest Notification issued by UGC to all the INIs/CFTIs and Universities for uploading the full-text Theses in Shodhganga which are linked with NIRF ranking. A total of 27 participants from 13 States of India attended the programme. The certificate of participation was distributed to all participants at the end of the programme. Details of the lectures delivered by the Faculty of the INFLIBNET Centre and resource persons during the Training programme are as follows:

Topics	Name of Resource Person
INFLIBNET Activities and Introduction to PDS	Mr Manoj Kumar K, Scientist-E (CS)
Introduction to Research Ethics/Academic Honesty & Plagiarism Issues	Mr Manoj Kumar K, Scientist-E (CS)
Introduction to Shodh-Chakra: A Gateway to Researchers for Resources	Dr Abhishek Kumar, Scientist-E (CS)
Introduction to Shodhganga/ShodhShuddhi	Dr Surbhi, Scientist-C (LS)
Introduction to Shodhgangotri for hosting Research in Progress/Synopses MRPs/PDFs/Emeritus Fellowship	Mr Rajan Kumar, Scientist-B (LS)
Introduction to DSpace and Technical Know-how in Building IR	Mr Raja V, Scientist-C (LS)
Introduction to Metadata and Dublin Core	Mrs Vaishali Shah, Scientist-C (LS)
Introduction to Altmetrics	Mr Pallab Pradhan, Scientist-C (LS)
Roles and Privileges of University Coordinators in Shodhganga and Thesis submission	Dr Surbhi, Scientist-C (LS)
Demo on OURIGINAL	Mr Prakash Sharda (OURIGINAL)
Structure of Metadata in Shodhganga IRINS a web-based Research Information	Mr Rajan Kumar, Scientist-B (LS)
Management (RIM): An overview of (ORCID)	Dr Kannan P, Scientist-E (LS)
Hands-on for Plagiarism Detection Software and Shodhganga	Shodhganga/ShodhShuddhi Team

158th Training Programme on SOUL 3.0: Installation and Operations, INFLIBNET Centre, Gandhinagar, 12th - 16th December 2022

Participants of 158th Training Programme on SOUL 3.0: Installation and Operations at INFLIBNET Centre, Gandhinagar

158th training programme on SOUL 3.0: Installation and Operations were organized at the INFLIBNET Centre, Gandhinagar from 12th to 16th December 2022. Mr Manoj Kumar K, Scientist-E (CS) inaugurated the training programme. Mr Yatrik Patel, Scientist-E (CS), Dr H G Hosamani, Scientist-E (LS), Ms Hema Cholin, Scientist-B (LS) and Mr Vijay Shrimali, Scientific and Technical Officer (CS) were the coordinators of the training programme. A total of 24 participants attended the training programme. Details of lectures delivered by staff members of the INFLIBNET Centre during the training programme are as follows:

Topic	Resource Person
Administration Module	Mr Vijay Shrimali, STO-I (CS)
Catalogue Module	Ms Roshni Yadhav, STO-I (LS)
Circulation Module	Mrs Hema Cholin, Scientist-B (LS)
Acquisition Module	Dr H G Hosamani, Scientist-E(LS)
Serial Control Module	Ms Arti Sawale, STO-I (LS)
SOUL 3.0 Web OPAC & Backup	Mr Swapnil Patel, Scientist-C (CS)
SOUL 3.0 Installation	Mr Divyakant Vaghela, Scientist-C (CS)

13th International CALIBER 2022: A Report

The 13th International CALIBER was organized by the INFLIBNET Centre, Gandhinagar in collaboration with Banaras Hindu University (BHU), Varanasi, Uttar Pradesh from 17th to 19th November 2022 at BHU on the theme "Envisioning Digital Transformation in Libraries for NextGen Academic Landscape". The conference started with Mangalacharan than Kulgeet of BHU at Swatantrata Bhawan, BHU on 17th November 2022. Dr D K Singh, Librarian, BHU & Organising Secretary of the CALIBER-2022 formally introduced all the dignitaries and welcomed them to the 13th CALIBER Conference at BHU.

The conference was formally inaugurated by the Hon'ble Vice Chancellor of BHU, Prof Sudhir K Jain, in the presence of other dignitaries on the dais and off the dais.

Prof P K Jain, Director, IIT BHU was the Chief Guest of the Programme. He talked about the future of libraries. He emphasised the challenges of providing equal library resources to all the researchers and faculties in the digital environment under budget constraints. He talked about the benefits of the one nation one subscription model of e-resources. He also discussed on up-skilling of library professionals, the use of machine learning, and artificial intelligence in libraries, NEP-2020, etc.

Prof Sudhir K Jain delivered his presidential talk covering everything from traditional libraries to modern libraries. He talked about users' friendly libraries in the changing scenario of society. He emphasized that library staff should be proactive and interact with faculties and students beyond the library boundaries. He shared his experiences with libraries. Further, he said that if I was not an engineer, I would love to become a librarian.

Prof J P Singh Joorel, Director, INFLIBNET Centre formally gave an overview of the conference theme "Envisioning Digital Transformation in Libraries for NextGen Academic Landscape" and sub-themes and professional journey of CALIBER. He briefed about the relevance of the conference theme in the context of NEP-2020. He also talked about the transformation of libraries from print to digital platforms, the role of library professionals in the changing digital environment, and the role of INFLIBNET in providing online learning resources & services. Further, he announced NDLTD-2023 on ETD to be held at INFLIBNET Centre, Gandhinagar.

The conference souvenir and conference proceedings were released.

Releasing of the CALIBER Proceeding and Souvenir of the 13th International CALIBER 2022 at BHU, Varanasi

Dr Abhishek Kumar, Scientist-E (CS), Convenor of the conference proposed the formal vote of thanks.

Mr Prashant Pandey, Director of Library Services, Flinders University, Australia delivered the keynote address. He started his talk with the sentence that the library is about ideas and ideas can never die. He enlightened about future libraries, branding of libraries, digital engagement, the role of libraries in achieving SDG, library space, etc.

During the three-day conference, a total of 445 participants registered for the conference. There were 8 technical sessions, wherein 12 invited talks were delivered, 43 papers were presented in 8 technical sessions and 24 authors presented poster papers in 3 poster sessions. A total of 5 commercial product presentations were made by their respective representatives during the three days.

The conference ended after Panel Discussion and Valedictory Session on 19th November 2022.

Dignitaries of the session gave their suggestions and recommendations for the Convention. Major recommendations made in the 13th International CALIBER are listed below:

❖ Libraries will be the key enabler of the academic ecosystem for the new teaching-learning-research (TLR) environment. Thus, libraries need to be strengthened with the state of art technologies and support,

❖ The library platform to act as a one-stop platform used for DL, LMS, CMS, and ILMS will be offering similar services in the future (the platform like Shodh-Chakra in case of research is in place as a model, e-PG Pathshala content integrated into iLMS). Make-in-India platforms need to be promoted,

❖ The cluster of different types of libraries needs to be reorganized for equity access. Such beginning can be made for equity access through the One Nation One Subscription

(ONOS) to One Nation One Library (ONOL) model,

❖ The services offered by libraries physically should be offered along with digitally shared format (i.e., Mobile based services),

❖ Transfer of the ancient Indian ethos and values in multiple languages. Libraries need to play a vital role in re-establishing Indian Knowledge System,

❖ Libraries will not just be sharing resources but will be the catalyst in creating resources (through information commons),

❖ Uniform /standardized services for interaction will be a challenge. So, there should be a focus on collaborative services, like 'ask a librarian service' that can be jointly offered by a group of libraries in different domains,

❖ In support of Open Science to meet global standards, National Research Data Management

❖ Policy of India (NRDMPI) to be prepared. And, a national research data management (NRDM) tool be developed and made available to all universities, institutions and industry to procure, store, curate and share research data by the respective libraries free of cost,

❖ There is a need to support existing society/institutional closed journals converting into open access and also to support the start-up of new journals by academics and research. This is also in order to achieve Atmanirbhar Bharat objective of GoI. An appropriate policy for incentivizing the Institutions for developing quality OA journals as well as authors for publishing in indigenous quality OA journals could accelerate Gold OA journals in India,

❖ Acquisition of technical and soft skills is central to maintaining current trending jobs and finding new ones (Restructuring of syllabus and CPDP).

Current Status of INFLIBNET Projects

Shodh-Chakra: MoU Signed and Training Programmes

Shodh-Chakra is an initiative of the INFLIBNET Centre under the guidance of UGC to help the academic community during their research life cycle. Shodh-Chakra provides a unique space for the researcher, guide/supervisor, and university to manage the research lifecycle of a research scholar. The portal is integrated with millions of resources (including full-text theses) along with the helping tools for the researcher which are required during the research work. A total number of 74 Universities have already signed MoU with the INFLIBNET Centre to use Shodh-Chakra till the reported period including 30 Universities that have signed MoU during the reported period. The list of 30 Universities that have signed MoU during the reported period is provided below:

Sl. No.	Name of Institute	Address	MoU Signed Date
1	The Charutar Vidya Mandal (CVM)	Anand, Gujarat	04-10-2022
2	Indraprastha Institute of Information Technology (IIITD) Delhi	New Delhi, Delhi	04-10-2022
3	Manav Rachna International Institute of Research & Studies	Faridabad, Haryana	10-10-2022
4	Shri Rawatpura Sarkar University	Raipur, Chhatisgarh	14-10-2022
5	Sant Gahira Guru Vishwavidyalaya	Ambikapur, Chhattisgarh	14-10-2022
6	Institute of Information Technology Design and Manufacturing, Kurnool	Kurnool, Andhra Pradesh	01-11-2022
7	Kalasalingam Academy of Research and Education	Srivilliputhur, Tamil Nadu	11-11-2022
8	Birla Institute of Technology and Science (BITS Pilani)	Pilani, Rajasthan	21-11-2022
9	Mody University of Science and Technology	Sikar, Rajasthan	22-11-2022
10	GLS University	Ahmedabad, Gujarat	23-11-2022
11	JIS University	Kolkata, West Bengal	30-11-2022
12	Modern College of Arts, Science and Commerce	Pune, Maharashtra.	06-12-2022
13	Aryabhatta Knowledge University	Patna, Bihar	12-12-2022
14	Babasaheb Bhimrao Ambedkar Bihar University	Muzaffarpur, Bihar	12-12-2022
15	Bhupendra Narayan Mandal University	Madhepura, Bihar	12-12-2022
16	Jai Prakash University	Chapra, Bihar	12-12-2022
17	Lalit Narayan Mithila University	Darbhanga, Bihar	12-12-2022
18	Magadh University, Bodh Gaya	Gaya, Bihar	12-12-2022
19	Maulana Mazharul Haque Arabic and Persian University	Patna, Bihar	12-12-2022
20	Munger University	Munger, Bihar	12-12-2022
21	Nalanda Open University	Patna, Bihar	12-12-2022
22	Patliputra University	Patna, Bihar	12-12-2022
23	Patna University	Patna, Bihar	12-12-2022
24	Purnea University	Purnia, Bihar	12-12-2022
25	Tilka Manjhi Bhagalpur University	Bhagalpur, Bihar	12-12-2022
26	Veer Kunwar Singh University	Ara, Bihar	12-12-2022
27	Kameshwar Singh Darbhanga Sanskrit University	Darbhanga, Bihar	12-12-2022
28	A N Sinha Institute of Social Studies	Patna, Bihar	12-12-2022
29	CHRIST (Deemed to be University)	Bangalore, Karnataka	12-12-2022
30	Goa University	Taleigo, Goa	21-12-2022

Further, the INFLIBNET Centre conducted below 06 online training programmes on Shodh-Chakra for universities.

Sl. No.	Name of Institute/University	Type of Training	Date of Training	Number of Participants
1	Usha Martin University, Ranchi, Jharkhand	Institutional	06-10-2022	56
2	GNA University, Sri Hargobindgarh, Punjab	Institutional	10-10-2022	76
3	Raffles University, Neemrana, Rajasthan	Institutional	11-10-2022	2
4	General training program (Open to all)	General	21-10-2022	26
5	Sant Gahira Guru University, Surguja, Chhattisgarh	Institutional	14-12-2022	30
6	The Charutar Vidya Mandal (CVM) University, Anand, Gujarat	Institutional	17-12-2022	8

Bihar State signed MoU with the INFLIBNET Centre

The INFLIBNET Centre signed a tri-party MoU with Bihar State Higher Education Council under the Department of Education- Government of Bihar and their Universities on 12th December 2022. The MoU is for facilitating INFLIBNET services to all the public universities of Bihar and to connect all libraries of all 16 traditional universities of Bihar online.

Bihar Education Minister, Sh Chandra Shekhar Singh, Education Department's additional Chief Secretary, Sh Dipak Kumar Singh and Secretary, Asangba Chuba Ao, Governor's Principal Secretary, Sh Robert L Chongthu, INFLIBNET Centre's Director, Prof J P Singh Joorel and Bihar State Higher Education Council (BSHEC)'s Vice-Chairman, Kameshwar Jha besides the Vice-Chancellors and representatives of the Universities concerned were witness to the MoU.

List of 16 Universities of Bihar State which are likely to be benefitted from this MoU:

Sl. No.	Name of the Universities	City
1	Aryabhatta Knowledge University	Patna
2	Babasaheb Bhimrao Ambedkar Bihar University	Muzaffarpur
3	Bhupendra Narayan Mandal University	Madhepura
4	Jai Prakash University	Chapra
5	Lalit Narayan Mithila University	Darbhanga
6	Magadh University, Bodh Gaya	Gaya
7	Maulana Mazharul Haque Arabic and Persian University	Patna
8	Munger University	Munger
9	Nalanda Open University	Patna
10	Patliputra University	Patna

Sl. No.	Name of the Universities	City
11	Patna University	Patna
12	Purnea University	Purnia
13	Tilka Manjhi Bhagalpur University	Bhagalpur
14	Veer Kunwar Singh University	Ara
15	Kameshwar Singh Darbhanga Sanskrit University	Darbhanga
16	A N Sinha Institute of Social Studies	Patna

Further, the INFLIBNET Centre conducted the following training programmes on its various services for 16 Universities of Bihar State during the reported period.

| Sl. No.	Name of University	Type of Training	Date of Training	Number of Participants
1	16 Universities of Bihar (Basic training program)	General	14th December 2022	24
2	16 Universities of Bihar (Training program short session)	General	15th December 2022	27
3	16 Universities of Bihar (Knowledge transfer session on Shodh-Chakra)	General	16th December 2022	29
4	16 Universities of Bihar (Knowledge transfer session)	General	17th December 2022	27
5	16 Universities of Bihar (Knowledge transfer session on IRINS)	General	19th December 2022	29
6	16 Universities of Bihar (Knowledge transfer session on Shodhganga)	General	20th December 2022	29
7	16 Universities of Bihar (Knowledge transfer session on ShodhShuddhi)	General	20th December 2022	29
8	16 Universities of Bihar (Knowledge transfer session on INFED)	General	21st December 2022	29
9	16 Universities of Bihar (Knowledge transfer session on IndCat)	General	22nd December 2022	29
10	16 Universities of Bihar (Knowledge transfer session on SOUL)	General	23rd December 2022	29
11	16 Universities of Bihar (Knowledge transfer session on ILMS)	General	26th December 2022	29

Development and Implementation of Progress Module in IHRMS

A new module named 'Progress' has been developed and implemented in the IHRMS portal during the reported period. The regular staff of the Centre can submit all their content related to HRD Training programmes, Personal Accomplishments and details about Visitors for record-keeping online and reporting. Further, contents related to Appointment Details, The Council, The Governing Board, Finance Committee and Building Committee can be updated and only assigned and visible to the Administrative Officers of the Centre.
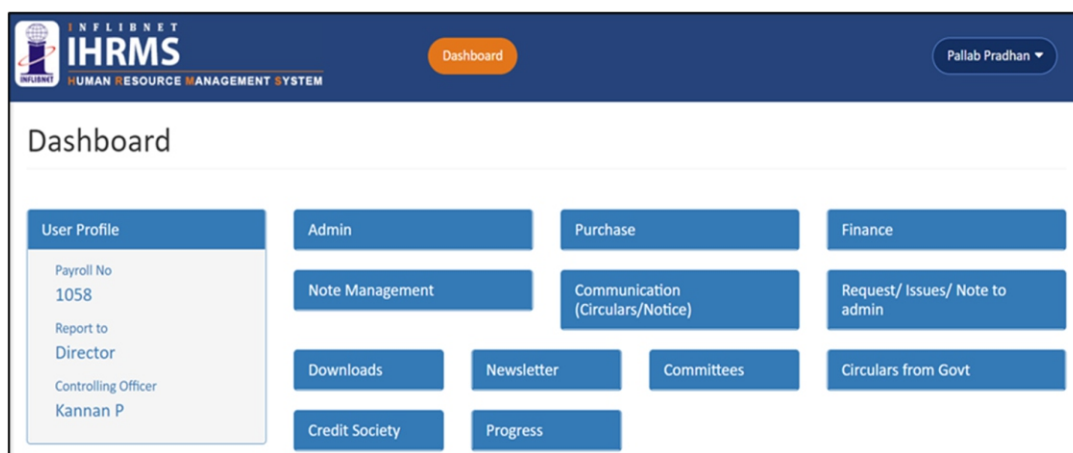
Staff have only four options: Dashboard, HRD Training Programmes, Personal Accomplishments and Visitors in their personal IHRMS account.

1.   Dashboard: It shows the statistics on the Total number of Training Programmes conducted by the concerned staff and the Total number of Participants who attended the same.
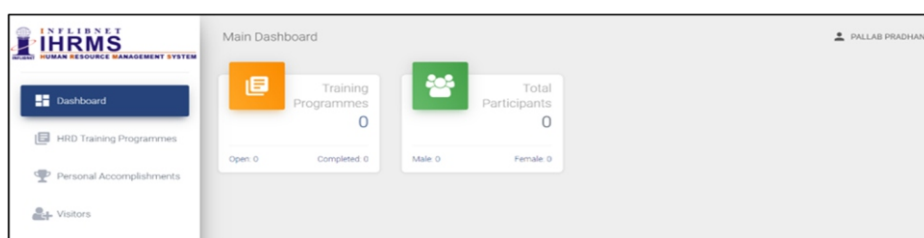
2.   HRD Training Programmes: This provides two tabs, i.e., Open & Completed list of programmes along with ADD TRAINING PROGRAMME and ADD INVITED SPEAKER options for the staff as shown in the screenshot.
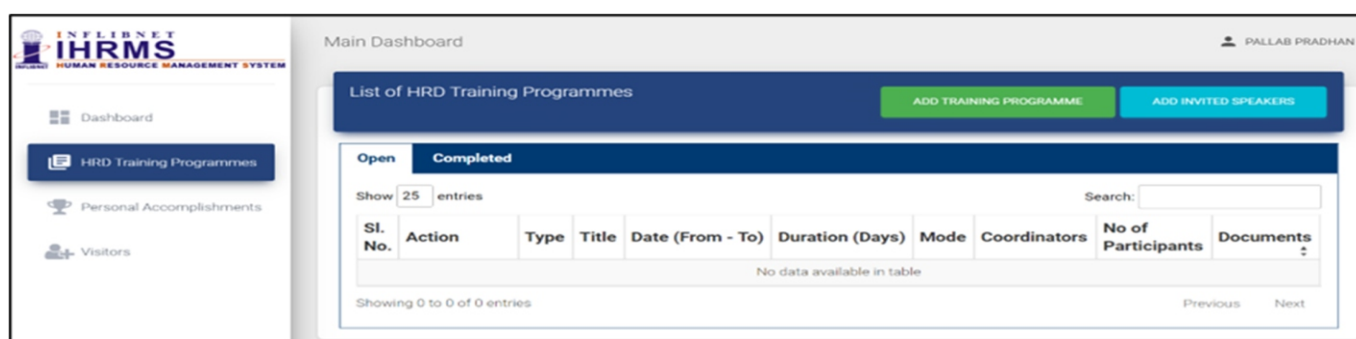
3.   Personal Accomplishments: This step is for entering the list of personal accomplishments/achievements, i.e., invited lecture/talk, conf./seminar attended etc. Personal achievements are categorized into 06 types as shown in the screenshot. This module is linked with the already in-used/existing NOTE MANAGEMENT module in IHRMS.

4. Visitors: This step provides the option to update the list of visitors' details, i.e., Expert Visitors and Institutional Visitors in the portal. Expert visitors are those invited for lectures, to visit the Centre for any official purposes, etc. Institutional visitors are the institutions that send their faculties and students for the Centre visit as a part of study excursions, etc. Both types have specific options to submit the details as required in the form as shown.

The remaining options like Appointment Details, The Council, The Governing Board, Finance Committee and Building Committee are visible only to the Administrative Officers.
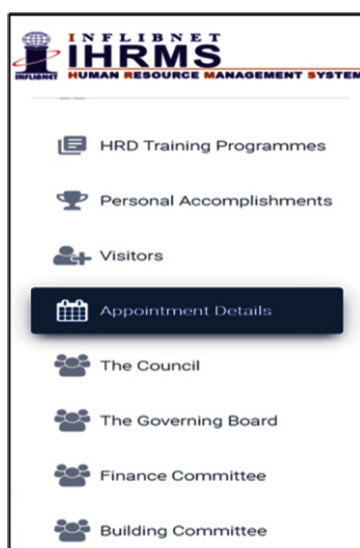
Indian Research Information Network System (IRINS)

IRINS is a web-based Research Information Management (RIM) service provided to higher education institutions in India by the INFLIBNET Centre. IRINS facilitates the academic, R&D organizations and faculty members, and scientists to collect, curate and showcase scholarly communication activities and provides an opportunity to create a scholarly network. The INFLIBNET Centre has created a total number of 661 IRINS instances for institutions till the reported period including 57 IRINS instances that were created during the period under report. IRINS has connected a total of 1,054,05 faculty members through this project. The project retrieved a total of 17,131,56 publications metadata from various sources and received a total of 179,368,29 citations & received a total of 56,09,694 Altmetrics mentions till the reported period.

Shodhganga: a reservoir of Indian Theses

Indeed, a milestone was achieved in Shodhganga on 8th December 2022. The number of uploaded theses in Shodhganga reached 4,00,000 on 8th December 2022 and is still growing.
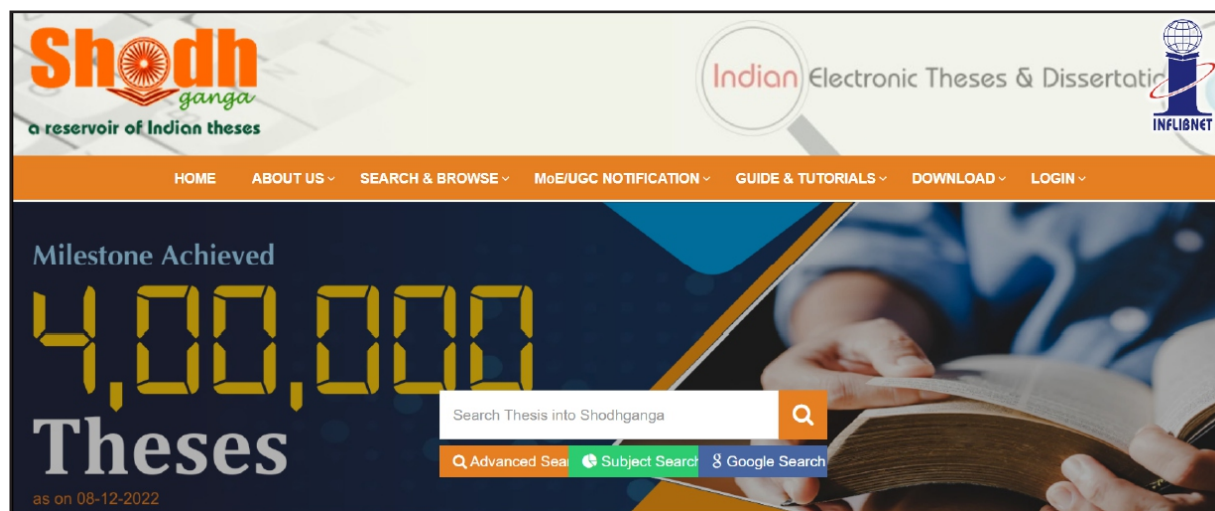
The end of the year 2022 is marked as a remarkable period for Shodhganga for its growth by carve-in PhD Theses from most renewed National Institutions Like IITs/IIMs/NITs etc. In December 2022, the highest number of theses (i.e., 12,450) was uploaded by all Institutions, in which, a sizable number of contributions started from INIs by signing MoUs. The Ministry of Education has issued an important directive in the month of November 2022 for the CFTIs/INIs such as IISc, IITs, IIMs NITs, IISERs, etc., to proactively participate in Shodhganga and by linking the number of PhDs awarded from these institutes in the year 2021-2022 with NIRF Ranking.

Accordingly, 52 additional INIs/ CFTIs and Universities have signed MoU with the INFLIBNET Centre for the Quarter (October-December) 2022 resulting in a sharp increase in the number of full-text theses in Shodhganga. Following the directives of the Ministry of Education, UGC and AICTE have issued similar circulars to the Institutions that are coming under their ambit to liaison with the INFLIBNET Centre by following standards and procedures laid down by the Centre. As such, the repository has grown progressively during the period under the report. As on 8th December 2022, a total of 4 Lakh Theses have been submitted to the repository from 627 Universities and a total of 24,427 Theses were uploaded during the period of the report (i.e., October-December 2022). A total of 4,10,691 Theses are uploaded by 627 Contributing (as on 31.12.2022) Universities which include IITs, IIMs, NITs, IISERs etc. and 771 (696 Universities + 75 CFTIs/INIs) Higher Education Institutions (HEIs) joined Shodhganga by signing MoU, whereas 52 MoUs (31 Univ + 21 CFTs/INIs) were added during the period.
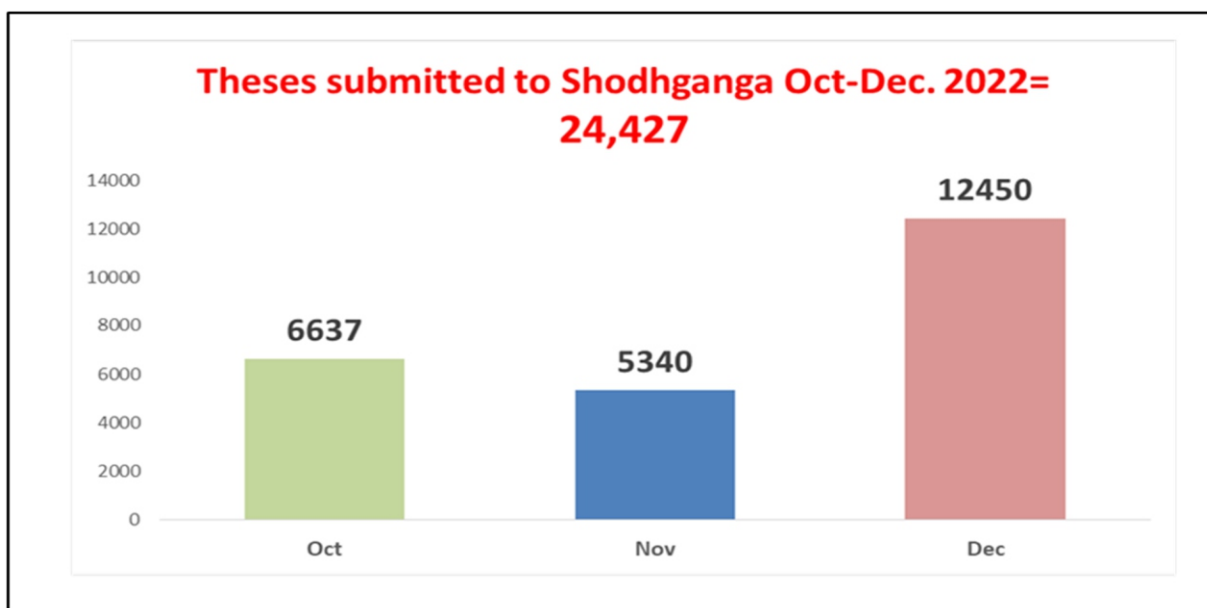
Figure 1: Theses uploaded to Shodhganga during October–December 2022 = 24,427

The total theses uploaded (Figure-1) in Quarter-4 (October-December 2022) are 24,427 which is higher than last quarter (Q3 i.e., 17,993 Theses in July-September 2022) uploaded whereas in Shodhgangotri total of 9774 Synopses/MRPs/PDFs/Fellowships has been submitted to the repository by 115 Institutes.

ShodhShuddhi and Plagiarism Detection Software (PDS)

The Ministry of Education through its initiative ShodhShuddhi provides access to Plagiarism Detection Software (PDS) to all universities including Central, State, Deemed, and Private Universities, as well as Centrally funded Technical Institutions (CFTIs) in India through Central funding to enhance academic integrity in academic institutions and to curb plagiarism, w.e.f. 01st September 2019. This program was launched by the Hon'ble Minister of Education during the CABE meeting in Vigyan Bhavan, New Delhi and it is being executed by the INFLIBNET Centre, Gandhinagar. As on 31st December 2022, a total of 27,46,001 documents have been submitted for checking Plagiarism by 1,36,420 users from 883 Universities/institutions. The rest of the Universities/institutions are either using other software or research programmes have not yet been initiated there.

PDS (OURIGINAL) Usage Statistics

Submission into PDS has gradually increased in December 2022 and the highest submissions of 109019 documents during the reported period. This indicates that the research submissions in December are more than any other month in universities like the month of June. Figure-2 shows the average number of submissions in the last 3 months (October – November - December 2022 = 2,40,528), and the average was 80176. Figure-5 shows the number of users added to ShodhShuddhi from October - December 2022.
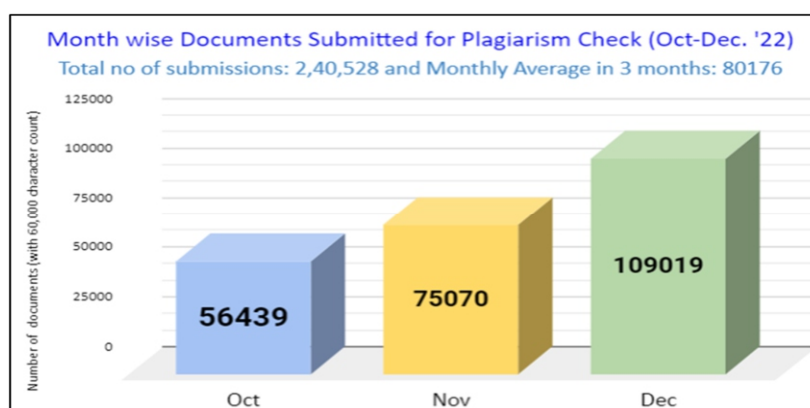
Figure 2: No. of Submissions in PDS month-wise (October- December 2022)

The graph (Figure-5) shows the total number of users created/added in ShodhShuddhi to date is 136356 users whereas the number of users added monthly (October–November-December 2022 = 2713) are as follows (October = 624, November = 1008, and December = 1081). PDS has a provision for 3 Lakhs users from all Universities.
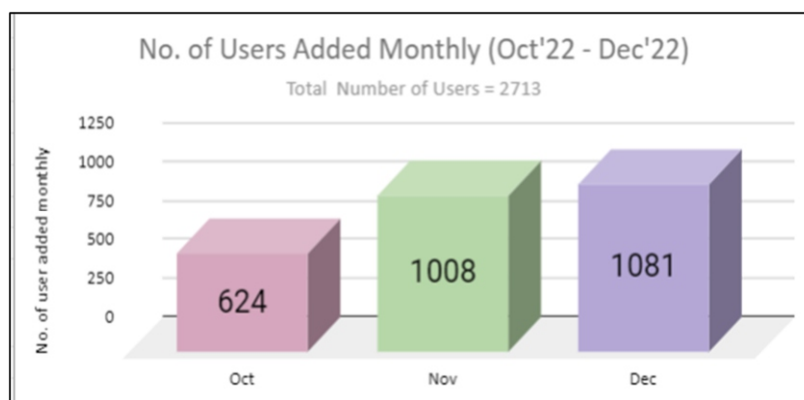

Figure-3: No. of New Users added during October–December 2022

Tendering for New PDS Software

The Centre has initiated the tendering process for new PDS software well in advance by formulating the technical specifications and mandatory requirements as the current period of subscription is ending on 31st May 2023. The Centre has its plan to float the open tender/Global Tender advertisement at the beginning of February 2023 after getting approval and suggestions from the eSS sub-committee. An internal committee was constituted for drafting the detailed tender documents.

Other Notable Events and Activities

Navratri Celebration

The INFLIBNET Centre celebrated the Navratri festival with great enthusiasm. The Garba Night was organized for its employees and their families on 4th October 2022. The function started with the Durga Puja and everyone from the campus, staff members, and their families participated. The employees and their families turned out in their best traditional attire for the Garba dance. Prof J P Singh Joorel, Director, INFLIBNET Centre distributed the prizes for the best dance performers, best-dressed persons, and children. The function concluded with a ceremonial dinner.

Navratri Celebration @ INFLIBNET Centre, Gandhinagar

Get-together and Ethnic Wear Day on the Occasion of Diwali

The INFLIBNET Centre celebrated a Get-together and Ethnic Wear Day on the Occasion of Diwali on 21st October 2022 at the Centre. All staff members came to the office in their best Indian ethnic wear which sparked the celebration.

Diwali Celebration @ INFLIBNET Centre, Gandhinagar

Diwali Celebration @ INFLIBNET Centre, Gandhinagar

Staff News

Mr Manoj Kumar K, Scientist-E (CS)

Mr Manoj Kumar K, Scientist-E (CS) had an interaction with the members of the "International Mediations Organisation" and "Legal Research Foundation" in the Board Room, INFLIBNET Centre on 13th October 2022 regarding research activities of the INFLIBNET Centre and its services.

Dr Abhishek Kumar, Scientist-E (CS)

Dr Abhishek Kumar was invited to deliver invited talks/lectures as mentioned below:

➢ Delivered a one-day session on "INFLIBNET Services" at Shri Rawatpura Sarkar University,

Raipur for the private universities of Chhattisgarh on 14th October 2022.

➢ Delivered online lectures on "Making e-Classroom Interactive'' during the Induction Training Program 'Gurudiksha' for Sainik School Society organized by IITE, Gandhinagar on 1st October & 3rd December 2022.

➢ Delivered a lecture on "Techniques for Effective Online Teaching using e-Learning" during Faculty Development Program and Short-Term Courses for Teachers Training organized by IITE, Gandhinagar on 16th December 2022.

➢ • Delivered a session on "e-Learning:

Content Creation & Hosting on Moodle" at Sankalchand Patel University, Visnagar on 24ᵗʰ December 2022.

Mr Divyakant Vaghela, Scientist-C (CS)

Mr Divyakant Vaghela delivered a session on SOUL Software to Nodal Officers of the State Universities of Bihar State on 23ʳᵈ December 2022.

Mrs Vaishali Shah, Scientist-C (LS)

Mrs Vaishali Shah delivered a session on IndCat knowledge transfer session for the BiharCat during 1ˢᵗ phase of online interface meeting-cum-training for Nodal Officers (for Universities of Bihar State) on 22ⁿᵈ December 2022.

Mr Pallab Pradhan, Scientist-C (LS)

Mr Pallab Pradhan was invited to deliver invited talks/lectures mentioned below:

➢ Delivered two lectures on the topics on the topics "Research Integrity, Ethics and Anti-Plagiarism Rules" on 11ᵗʰ November 2022 and "Identifying Predatory and Cloned Journals" on 12ᵗʰ November 2022 in Phase II: Course Work for PhD Scholars held from 9th - 13th November 2022 organized by Gujarat National Law University (GNLU), Gandhinagar.

➢ Delivered two online lectures on the topics: Citation Databases and Research Metrics, Publication Ethics: Managing References & Avoiding Predatory Publishing" on 08ᵗʰ November 2022 in the Online 4ᵗʰ Faculty Induction Programme held from 01st to 28th November 2022 conducted by Sambalpur University, Jyoti Vihar, Burla.

➢ Delivered two online lectures on the topic "Science of Science-Sci2 Tool" on 21st December 2022 to the MLIS students & PhD Scholars at the Central University of Haryana, Mahendergarh.

New Appointments

Mr Yash Jatin Khakhar joined the INFLIBNET Centre as an Assistant on 04ᵗʰ October 2022. He completed a Bachelor of Commerce in the year 2016 from Saurashtra University. Before joining his current position, he worked in Gujarat Vidyapith, Ahmedabad as Lower Division Clerk (LDC) from 29ᵗʰ August 2019 to 3ʳᵈ October 2022.

User's Speak

Shodhganga

Grateful to whole SG Team, led by Mr Manoj. My team will get back after doing the needful Amazing speed and accuracy by the SG team. Hope my team will also be equally fast and accurate. Director, INFLIBNET just called me as well about this wonderful job. Grateful to him as well.

Thanks and regards,

Nabi Hasan, PhD, PDF, FNEB, FSLA
Librarian & Head, Central Library
Indian Institute of Technology Delhi - 110016

Dear Sir/Madam.

My name is Francisco E. Montero, professor at the University of Valencia, Spain. I have found in your online library the thesis of Sivasankara Pillai. This document is going to be really useful for our study, and we are very grateful. However, I'm missing the figures or plates referred in the thesis, and I wonder if we could get them somehow.

Thank you so much in advance, I look forward for your answer.

Your sincerely.

Francisco

Hello Sir/ Ma'am

This mail is a request regarding the thesis available on the ShodhGanga site. It is a great initiative providing us with the most latest ongoing research across the country. Accessing valuable research findings helps us enhance our research qualities as well and inspires us to bring something better.

Thanks for your valuable time.

Regards

Research Scholar (English)

Central University of South Bihar

THE TIMES OF INDIA

Bihar universities to get e-library services

PATNA: In a significant development, as many as 15 universities of the state have signed an MoU with the UGC's Information and Library Network (INFLIBNET) Centre through the state education department recently, facilitating an easy access to the e-library services for the scholars and faculty members.

Education minister Chandrashekhar, education department's additional chief secretary Dipak Kumar Singh and secretary Asangba Chuba Ao, governor's principal secretary Robert L Chongthu, INFLIBNET Centre's director J P Singh Joorel and Bihar State Higher Education Council (BSHEC)'s vice-chairman Kameshwar Jha besides the vice-chancellors or the representatives of the universities concerned were witness to the MoU.

Universities which are likely to be benefitted from this MoU include BRA Bihar University, Muzaffarpur, B N Mandal University, Madhepura, Jai Prakash University, Chhapra, KSD Sanskrit University and L N Mithila University, Darbhanga, Magadh University, Bodh Gaya, Aryabhattta Knowledge University, Patliputra University, Maulana Mazrul Haque Arabic and Persian University, Nalanda Open University and Patna University, Patna, Tilka Manjhi Bhagalpur University, Bhagalpur, Veer Kunwar Singh University, Ara, Munger University, Munger and Purnia University, Purnia.

Giving details of the MoU, BSHEC's vice-chairman said that recent developments in information technology have changed the concept of the library from the storehouse of printed books and journals to a new environment called "e-library".

Now, under the umbrella of INFLIBNET, the following services would be provided for the use of the state's scholars, ensuring academic development of the state:

E-Shodh Sindhu: The INFLIBNET Centre provides access to more than 10000 peer-reviewed journals and two lakh e-books to the higher education community through E-Shodh Sindhu project. The project supports the faculty members and research scholars to access electronic resources 24x7 through 'off-campus access' method.

Library Automation: INFLIBNET provides library automation software called "Software for University Library (SOUL)" to automate the library activities such as library budget, resource selection, purchase, classification, cataloguing, Online Public Access Catalogue, book issue and return, etc. More than 3000 libraries have so far been automated through the SOUL software in India.

Shodh Ganga: The Shodh Ganga is a project to archive all the PhD theses produced by the Indian scholars and create new opportunities to showcase the research output of the scholars to the entire scholarly community of the world. It supports the academic organisations to identify the existing research contributions and avoid duplication of research work among the research community. The project has archived nearly four lakh PhD theses from 588 universities.

Shodh Shuddhi: To promote academic integrity, the INFLIBNET provides Plagiarism Detection Software (PDS) to all higher education institutions through the project Shodh Shuddhi. It supports the faculty members and scholars in identifying the similarities or duplications in the research output. More than 1000 universities have been using this software to check similarity content in the PhD thesis, research articles, etc.
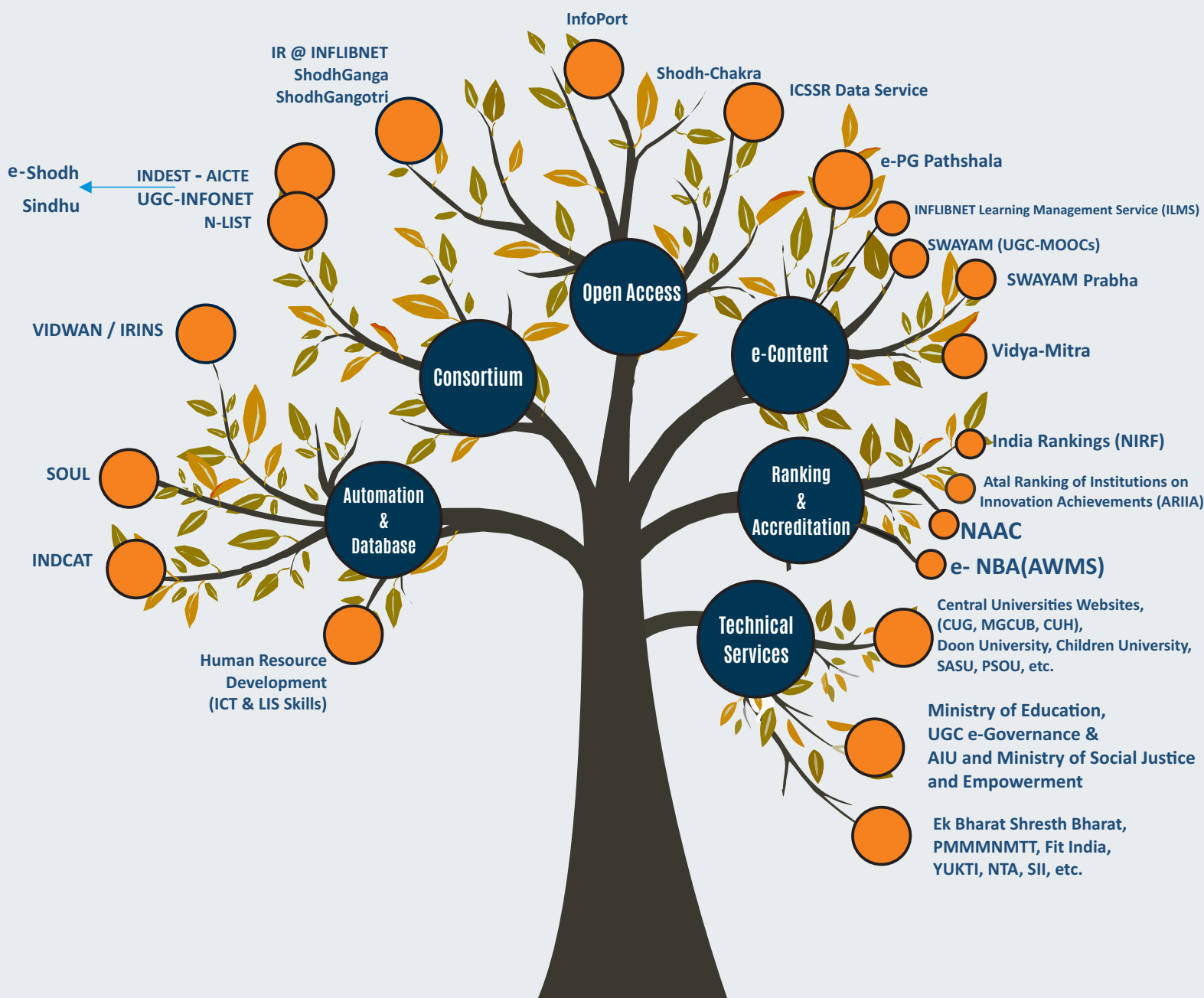
Indian Research Information Network System (IRINS): It is the research information management system to collect all the research-related activities such as publications, patents, honours and awards, citation metrics and social media metrics of the faculty members and showcases them to the peer group. It supports the organization to generate various reports on the research contributions and assists the organization in decision-making on funding, internal and external assessment, etc. More than 640 organi_____ are participating and 1.5 lakh faculty members are interconnected through this project.

Shodh Chakra: Shodh Chakra supports the academic organisatio_____ the scholars registered for the research programme. It is an intera_____ communications that happen between the research guide (faculty_____ administration.

INFLIBNET in Regional News

IndiCat: IndiCat is the union catalogue of the books and serials holding of the participating institutions.

InfoPort

IR @ INFLIBNET
ShodhGanga
ShodhGangotri

Shodh-Chakra

ICSSR Data Service

e-Shodh
Sindhu

INDEST – AICTE
UGC-INFONET
N-LIST

e-PG Pathshala

INFLIBNET Learning Management Service (ILMS)

SWAYAM (UGC-MOOCs)

SWAYAM Prabha

VIDWAN / IRINS

Vidya-Mitra

Open Access

Consortium

e-Content

India Rankings (NIRF)

Ranking
&
Accreditation

Atal Ranking of Institutions on
Innovation Achievements (ARIIA)

SOUL

NAAC

Automation
&
Database

e- NBA(AWMS)

INDCAT

Technical
Services

Central Universities Websites,
(CUG, MGCUB, CUH),
Doon University, Children University,
SASU, PSOU, etc.

Human Resource
Development
(ICT & LIS Skills)

Ministry of Education,
UGC e-Governance &
AIU and Ministry of Social Justice
and Empowerment

Ek Bharat Shresth Bharat,
PMMMNMTT, Fit India,
YUKTI, NTA, SII, etc.

Information and Library Network Centre
(An Autonomous Inter-University Centre of UGC)

INFLIBNET

Infocity, Gandhinagar - 382007, Gujarat, India
Email: director@inflibnet.ac.in

https://www.inflibnet.ac.in/