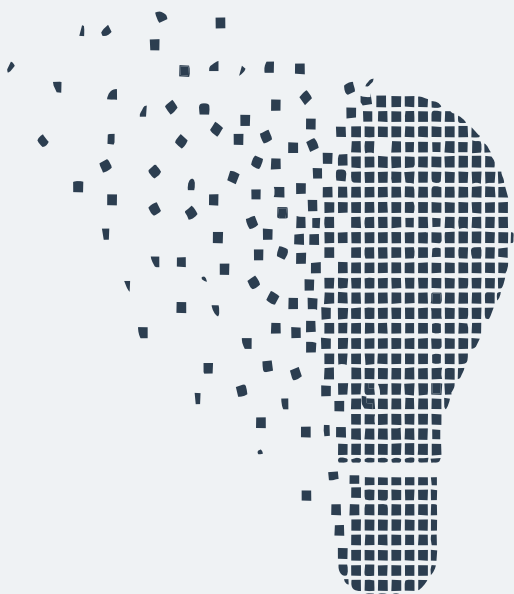




INFLIBNET NEWSLETTER

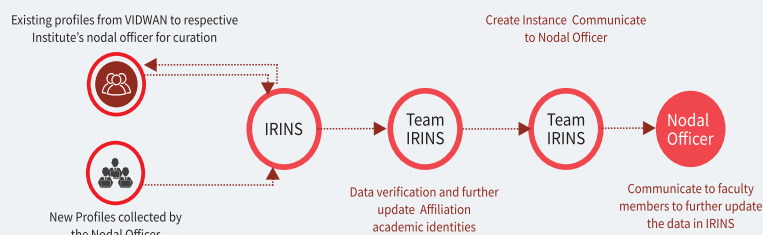
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IRINS

INDIAN RESEARCH INFORMATION NETWORK SYSTEM



Article

Indian Academic Institutions and Indian Research Information Network System (IRINS): A Journey

Siva Shankar Kimidi and Kannan P

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VIDWAN
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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
<http://irins.org/irins/>

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

Vidya-Mitra: Integrated e-content Portal
<http://vidyamidra.inflibnet.ac.in/>

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निदेशक की कलम से

From Director's Desk



(प्रिय पाठको)

सर्वप्रथम, मैं आप सभी को एक बहुत ही खुशहाल, स्वस्थ और समृद्ध नया साल 2020 की शुभकामनाएं देता हूँ। मैं आशा और प्रार्थना करता हूँ कि आप अपने व्यक्तिगत जीवन के साथ-साथ व्यावसायिक जीवन में भी बड़ी सफलता हासिल करें। ईश्वर का आशीर्वाद आप सब पर बना रहे।

वर्ष 2020 के लिए इन्फ्लिबनेट न्यूज़लैटर के पहले त्रैमासिक अंक को आप के सम्मुख सहर्ष प्रस्तुत कर रहे हैं। इस रिपोर्ट अवधि के दौरान, सेंटर अपनी कुछ प्रमुख सेवाओं और परियोजनाओं, जैसे राष्ट्रीय संस्थागत रैंकिंग फ्रेमवर्क (एन. आई. आर. एफ.) के अंतर्गत भारत रैंकिंग 2020, अटल नवोन्मेष संस्थान उपलब्धि रैंकिंग (ए. आर. आई. आई. ए.) 2020, इ-शोधसिन्धु, शोधशुद्धि (पी.डी.एस.), और भारतीय अनुसंधान सूचना नेटवर्क प्रणाली (आई. आर. आई. एन . एस) पर में पूर्णतया व्यस्त था। यहाँ समस्त एन.आई.आर. एफ. टीम का विशेष उल्लेख किया जाता है जोकि इंडिया रैंकिंग 2020 से संबंधित कार्यों को पूरा करने के लिए समयबद्ध अनुसूची में अथक परिश्रम करने में व्यस्त थी।

इस रिपोर्ट की अवधि के दौरान, इन्फ्लिबनेट सेंटर में सोल 2.0 पर 153वां प्रशिक्षण कार्यक्रम 20-25 जनवरी 2020 के बीच आयोजित किया गया। सेंटर ने 25 फेब्रुअरी 2020 को मुंबई, महाराष्ट्र और 2 मार्च 2020 को भोपाल, मध्य प्रदेश में सोल उपयोगकर्ता बैठक -2020 का आयोजन किया। इसके अलावा, 18 जनवरी, 2020 को भारतीय प्रबंधन संस्थान लखनऊ के सहयोग शोधशुद्धि के तहत साहित्यिक चोरी का पता लगाने वाले सॉफ्टवेयर (पीडीएस) पर एक उपयोगकर्ता जागरूकता कार्यक्रम का आयोजन किया गया। सेंटर ने 4 एक दिवसीय क्षेत्रीय कार्यशालाएं भारतीय अनुसंधान सूचना नेटवर्क प्रणाली (आई. आर. आई. एन . एस) पर वाराणसी, हैदराबाद, कराईकुडी और गांधीनगर में आयोजित किये। इन्फ्लिबनेट सेंटर द्वारा कार्यस्थल पर महिला के यौन उत्पीड़न पर व्याख्यान 5 मार्च, 2020 को आयोजित किया गया था। सेंटर ने अपने सभी स्टाफ सदस्यों और उनके परिवार के साथ 26 जनवरी 2020 को 71वां गणतंत्र दिवस मनाया। 10 मार्च 2020 को, रंगों का त्योहार होली सेंटर के सभी स्टाफ सदस्यों और उनके परिवार के साथ मनाया गया।

न्यूज़लैटर के इस अंक में "भारतीय शैक्षणिक संस्थान और भारतीय अनुसंधान सूचना नेटवर्क प्रणाली (आई.आर.आई. एन . एस): एक यात्रा" के नामक एक महत्त्वपूर्ण लेख शामिल है, जिसके लेखक शिव शंकर किमिदी, वैज्ञानिक बी (एलएस), इन्फ्लिबनेट सेंटर और सह-लेखक कन्नन पी, डेप्युटी लाइब्रेरियन, केंद्रीय पंजाब विश्वविद्यालय, बठिंडा है। मुझे यकीन है कि पाठक इस लेख के माध्यम से संवादपत्र पढ़ने का आनंद लेंगे।

इसके अलावा, दुनिया भर में चल रहे कोविड 19 महामारी की वजह से 25 मार्च से 14 अप्रैल 2020 तक हमारे देश में संपूर्ण लॉकडाउन के मद्देनजर, मैं व्यक्तिगत रूप से आप सभी से घर पर रहने और इस अवधि के दौरान सुरक्षित रहने की अपील करता हूँ। मैं चाहता हूँ कि आप सभी दृढ़ रहें, सकारात्मक रहें, और इस समय सभी सरकारी प्रतिबंधों और स्वास्थ्य दिशानिर्देशों का सख्ती से पालन करें। इन्फ्लिबनेट सेंटर शैक्षणिक समुदाय को अपनी उत्कृष्ट सेवाएं और सहायता प्रदान करने के लिए तत्पर रहेगी।

Dear Readers

First of all, I wish you all a very happy, healthy and prosperous New Year 2020. I hope and pray that you may lead a great success in your personal as well as professional life respectively. May God bless you all.

It's my pleasure to present before you the first quarter issue of the INFLIBNET Newsletter for the year 2020. During this report period, the Centre was fully occupied with some of its major services and projects, i.e. India Rankings 2020 under National Institutional Ranking Framework (NIRF), ARIIA 2020, e-ShodhSindhu, ShodhSuddhi (PDS), and IRINS. To keep a special mention here, the whole NIRF team was very busy working tirelessly in a time-bound schedule to finish the works related to India Rankings 2020.

During this report period, the Centre conducted its 153rd Training Programme on SOUL 2.0 at the Centre during 20th - 25th January 2020. The Centre conducted two SOUL User Meets (One-day) 2020 at Mumbai, Maharashtra on 25th February and Bhopal, Madhya Pradesh on 2nd March 2020 respectively. Apart from this, the Centre organized a user awareness programme on Plagiarism Detection Software (PDS) under ShodhSuddhi in collaboration with Indian Institute of Management Lucknow, Lucknow on 18th January 2020. The Centre also conducted 04 One-day Regional Workshops on IRINS: Adoption & Promotion in Varanasi, Hyderabad, Karaikudi, and Gandhinagar respectively. The first lecture on "Women at Work: An Overview of Legislative and Judicial Trends Vis-a-Vis Sexual Harassment" was organized on 5th March 2020 by INFLIBNET Centre in its Lecture Series on Sexual Harassment of Woman at Workplace (Prevention, Prohibition and Redressal) Act 2013. The Centre celebrated the 71st Republic Day on 26th January 2020 with all its staff members and their family. On 10th March 2020, the festival of colours, Holi was celebrated at the Centre with all its staff members and their family.

This issue of the Newsletter includes a feature article entitled "Indian Academic Institutions and Indian Research Information Network System (IRINS): A Journey" co-authored by Siva Shankar Kimidi, Scientist B (LS), INFLIBNET Centre and Kannan P, Deputy Librarian, Central University of Punjab, Bathinda. I am sure the readers would enjoy going through this article and the whole issue of this Newsletter.

Further, in view of the ongoing "COVID-19" pandemic across the globe and the total lockdown in our country from 25th March till 14th April 2020 due to the same, I personally appeal you all to stay at home and stay safe during this period. I wish you all to be strong, stay positive, and strictly follow all the government restrictions and health guidelines at this time. The team at INFLIBNET will remain focused on providing its excellent services & support to our academic community.

(J P Singh Joorel)

Training Programme on SOUL 2.0 and SOUL User Meets

Training Programme on SOUL 2.0, INFLIBNET Centre, Gandhinagar, 20th to 25th January 2020

The INFLIBNET Centre regularly conducts SOUL 2.0 Training Programme to impart training on installation and operation of SOUL software for its users. During this quarter, the 153rd training programme was organized at the INFLIBNET Centre, Gandhinagar from 20th to 25th January 2020. The programme was coordinated by Dr H G Hosamani, Scientist D (LS), INFLIBNET Centre. 16 participants, including library science and computer science professionals across the country, attended the programme.



Participants of the 153rd Training Programme on SOUL 2.0 with the Director and Technical Staff of the INFLIBNET Centre

One-day SOUL User Meet-2020, University of Mumbai, Mumbai, 25th February 2020

The INFLIBNET Centre jointly organized One-day SOUL User Meet-2020 at Institute of Distance and Open Learning (IDOL), University of Mumbai, Mumbai on 25th February 2020 with the following objectives:

- To know the active usage of different modules of SOUL software and suggestions;
- To get feedback and suggestions from all users, related to operational modules of SOUL software;
- To increase the efficiency of SOUL software and its services at the regional level;
- To discuss the new SOUL 3.0, advanced features and implementation; and
- To strengthen operational and support services in the new version of SOUL.

75 participants have participated from various parts of Maharashtra. Dr Kavita Laghate, Director, IDOL, University of Mumbai welcomed the resource persons and participants. She expressed good concerns about SOUL User Meet and said that this would surely encourage the librarians to strengthen the library automation and its services. Miss Nalini Raja, former SOUL Coordinator, Maharashtra & Goa coordinated the meeting.

The first session was handled by Dr H.G. Hosamani, Scientist D (LS), INFLIBNET Centre. He mentioned about the support extended by university/college librarians for SOUL 2.0 software, and also summarized the survey report conducted by INFLIBNET on the effective use of various modules in the SOUL 2.0 and new suggestions incorporated in the SOUL 3.0 software. He also mentioned about training programmes and support services at a regional level. More than 3,700 SOUL 2.0 installations across the country. Maharashtra is the second-highest users of SOUL software.

In the second session, Mr Divyakant Vaghela Scientist-C (CS), INFLIBNET Centre demonstrated regarding the new version of SOUL 3.0 software step by step. He informed the various changes of SOUL 2.0 software, different modules and reports, upgrade that has been made in the new version, SOUL 3.0 software. Then open house session was conducted for SOUL users to know issues related to the SOUL 2.0. Their suggestions were recorded for improvement in SOUL 3.0. Finally, Dr Kavita Laghate distributed the certificate to participants, and Miss Nalini Raja extended a vote of thanks to Prof J P Singh Joorel, Director, INFLIBNET Centre for such initiative. At last, she thanked both the scientists of INFLIBNET, the staff of IDOL, University of Mumbai, and all the participants. The meet successfully endup with suggesstions and feedback followed by thanks and appreciations.



Participants of the One-day SOUL User Meet-2020 at Institute of Distance and Open Learning (IDOL), University of Mumbai, Mumbai

One-day SOUL User Meet-2020, Makhanlal Chaturvedi University of Journalism and Communication, Bhopal, 2nd March 2020

The INFLIBNET Centre organized One-day SOUL User Meet-2020 in collaboration with Govt. College Narela Bhopal and Makhanlal Chaturvedi University of Journalism and Communication Bhopal on 2nd March 2020 at Makhanlal Chaturvedi University of Journalism and Communication Bhopal with following objectives:

- To know the active usage of different modules of SOUL software and suggestions;
- To get feedback and suggestions from all users, related to operational modules of SOUL software;
- To increase the efficiency of SOUL software and its services at the regional level;
- To discuss the new SOUL 3.0, advanced features and implementation; and
- To strengthen the operational and support services in the new version of SOUL software.

127 participants participated from various parts of Madhya Pradesh. The programme was inaugurated by Dr Deepak Tiwari Vice-Chancellor, Makhanlal Chaturvedi University of Journalism and Communication Bhopal. The programme was presided over by Dr Veena Mishra, In-charge Principal, Govt. College Narela Bhopal. In her speech, she mentioned about achievements on the automation process using SOUL 2.0 Software. The Chief Guest Dr Deepak Tiwari, Vice-Chancellor has expressed his views about the present library system and also the usefulness of SOUL 3.0 Software for library automation. He has also said that the university library is constantly working to improve the quality of library services using the services offered by INFLIBNET Centre.

Mr Yatrik Patel, Scientist-E (CS), INFLIBNET Centre mentioned that SOUL 2.0 software is being used in the libraries of most colleges and universities in the country. He highlighted the INFLIBNET initiatives about New SOUL3.0 software and services. The organizing Secretary Dr Rakesh Khare, Librarian Govt. College Narela Bhopal expressed that the SOUL User Meet would surely encourage the librarians to strengthen the library automation and its services. He also said Higher Education of Madhya Pradesh has played an important role in providing SOUL software to its all Govt colleges for library automation.

The first session was handled by Dr H.G. Hosamani, Scientist-D (LS), INFLIBNET Centre. He summarized the survey report conducted by INFLIBNET on the effective use of various modules in the SOUL 2.0 and new suggestions incorporated in the SOUL 3.0 software. He also mentioned about training programmes and support services at the regional level. He informed the participants that the SOUL 2.0 has approximately 3700+ installations across the country, and is the most installed software in the country for library automation. Further, he informed that the State Governments like Gujarat, Madhya Pradesh, Haryana, and Andhra Pradesh have fully automated their libraries using SOUL Software. During the second session, Mr

Yatrik Patel, Scientist E (CS), INFLIBNET Centre demonstrated the new version of SOUL 3.0 software step by step and briefed about the various improvements in different modules and reports in the upgraded version, SOUL 3.0 Software. Then open house session was conducted for SOUL users to know issues related to the SOUL 2.0. Their suggestions were recorded for improvement in SOUL 3.0.

At the closing ceremony, the Chief Guest, Prof Anurag Seetha, Makhanlal Chaturvedi University of Journalism and Communication Bhopal. Madhya Pradesh Mahavidhyalayan Pustakalay Adhikari Sangh felicitated Mr Yatrik Patel, Scientist-E (CS), INFLIBNET Centre in recognition of his outstanding contribution in developing SOUL Software which is used in college and university libraries in Madhya Pradesh and Dr H.G. Hosamani, Scientist D (LS), INFLIBNET Centre in recognition of his outstanding contribution in implementing and guiding the use of SOUL 2.0 software which is used in college and university libraries in Madhya Pradesh and for their contribution in this field. The Chief Guest, Prof Anurag Seetha then gave participation certificate to the participants. In the end, Dr Rakesh Khare gave the vote of thanks to INFLIBNET for making this meet happen. He also thanked Mr Deepak Tiwari, Vice-Chancellor, Makhanlal Chaturvedi University of Journalism and Communication Bhopal for extending infrastructure to hold the meet and also accepting the invitation as Chief Guest. He appreciated and thanked Mr Anurag Seetha, Dr Aarti Sarang, Mr Somesh Kumar & Sughar Singh (the Makhanlal Chaturvedi University of Journalism and Communication Bhopal) for their great support in conducting the meet. He also thanked Prof J P Singh Joorel, Director, INFLIBNET centre for such initiative. At last, he thanked both the scientists of INFLIBNET Centre, the staff of Colleges and Universities, and also all the participants. The meet was successfully ended with thanks & appreciation all around.



Participants of the One-day SOUL User Meet-2020 at Makhanlal Chaturvedi University of Journalism and Communication, Bhopal

User Awareness Programme on Plagiarism Detection Software

User Awareness Programme on Plagiarism Detection Software (PDS), Indian Institute of Management Lucknow, Lucknow, 18th January 2020



Participants of User Awareness Programme on Plagiarism Detection Software (PDS) at Indian Institute of Management Lucknow

Indian Institute of Management Lucknow (IIML) organized a user awareness programme in collaboration with Information and Library Network Centre (INFLIBNET), Gandhinagar on access and use of plagiarism detection software subscribed under ShodhSuddhi programme on 18th January 2020. During the inaugural session, Mr M K Singh, Librarian, IIML welcomed the participants and dignitaries, Prof. Sanjay Kumar Singh, Dean (Faculty) addressed the gathering and highlighted the importance of checking plagiarism before publishing scholarly publications and appreciated the efforts of INFLIBNET in enabling the academic institutions of the country to have plagiarism detection software.

Mr Ashok Kumar Rai, Scientist E (CS), INFLIBNET Centre also addressed the gathering and briefed the participants about the activities of INFLIBNET Centre, and gave a detailed presentation about e-ShodhSindhu. Mr Prakash Sarada and Mr Gautam Raval, representatives of the plagiarism software gave detailed step by step procedure to use the software under the two technical sessions entitled technical session and admin session. About 80 participants, including faculty members and research scholars of IIML, Librarian, research scholars and faculty members of Lucknow based institution attended the workshop. Mr Sanjay Degloorkar, Assistant Librarian proposed the vote of thanks at the end of the programme.

Region-Wise - National Workshops on Indian Research Information Network System (IRINS)

One-day National Workshop on Indian Research Information Network System (IRINS): Adoption and Promotion, Banaras Hindu University, Varanasi, Uttar Pradesh, 10th January 2020



Participants of the National Workshop on Indian Research Information Network System (IRINS): Adoption & Promotion at Banaras Hindu University, Varanasi

One-day National Workshop on Indian Research Information Network System (IRINS): Adoption and Promotion was organized by Sayaji Rao Gaekwad Library (Central Library), Banaras Hindu University, Varanasi in collaboration with the Information and Library Network (INFLIBNET) Centre, Gandhinagar and Institute of Science, BHU on 10th January 2020 at Seminar Complex, Institute of Science, BHU. Dr Dewendra Kumar Singh, Librarian, Central Library, BHU welcomed the Chief Guest, Scientists of INFLIBNET Centre and the participants, and also gave a brief introduction about the workshop. Prof A K Tripathi, Director, Institute of Science delivered the keynote address. Mr Abhishek Kumar, Scientist D (CS), INFLIBNET Centre, Gandhinagar delivered a lecture about 'Research Information Management (RIM), IRINS data workflow, its key features and functionalities and ORCID ID as an academic identity to the systematic update of publications. During his

informative lecture, he was accompanied by Mr Hitesh Solanki, Scientist C (CS), INFLIBNET Centre. They focused on the importance of IRINS to showcase the scholarly communication activities and how it provides an opportunity to create a scholarly network of every higher educational institution and faculty members. They created a separate webpage of IRINS for BHU fraternity at bhu.irins.org. The session was quite interesting and fruitful because participants were actively involved and interacted, and their queries were answered by the resource persons. Dr Vivekanand Jain proposed the vote of thanks at the end of the programme. More than 300 participants from various Institutes and Faculties of the Banaras Hindu University and other reputed colleges of Varanasi and Kangana, Himachal Pradesh and Bihar attended the programme.

One-day National Workshop on Indian Research Information Network System (IRINS): Adoption & Promotion, University of Hyderabad, Hyderabad, Telangana, 24th January 2020



Participants of National Workshop on Indian Research Information Network System (IRINS): Adoption & Promotion at Hyderabad Central University, Hyderabad

One-day National Workshop on Indian Research Information Network System (IRINS): Adoption & Promotion was organized by the Indira Gandhi Memorial Library, University of Hyderabad (UoH) in collaboration with the Information and Library Network Centre (INFLIBNET), Gandhinagar on 24th January 2020. Dr N Varatharajan, University Librarian welcomed the guests and participants. Prof P Prakash Babu, Dean, Medical Sciences, UoH inaugurated the workshop. Dr B Ravi, Librarian welcomed the Chief Guest, the Scientists from INFLIBNET Centre and the participants, and briefly introduced about the workshop. Mr Hitesh Solanki, Scientist C (LS), INFLIBNET Centre delivered a lecture about “Research Information Management (RIM) and the importance of IRINS”. Mr K Siva Shankar, Scientist B (LS), INFLIBNET Centre delivered a lecture on “Faculty Profile and its Academic Identity” focusing on the creation of academic identity. The sessions were fruitful as the participation was interactive, all the queries posed by the participants were answered by the resource persons. Dr Siva Sankar

Prasad, Deputy Librarian proposed the vote of thanks at the end of the programme. The certificates of participation were distributed during the concluding session. More than 80 participants from various academic institutions in and around the state of Telangana attended the programme.

One-day National Workshop on Indian Research Information Network System (IRINS): Adoption & Promotion, Alagappa University, Karaikudi, Tamil Nadu, 08th February 2020



Participants of One-day National Workshop on Indian Research Information Network System (IRINS): Adoption & Promotion at Alagappa University, Karaikudi

One-day National Workshop on Indian Research Information Network System (IRINS): Adoption & Promotion was organized by the Department of Library and Information Science, Alagappa University, Karaikudi in collaboration with the Information and Library Network Centre (INFLIBNET), Gandhinagar on 08th February 2020. Dr S Thanuskodi, Professor & Head, Department of Library and Information Science welcomed the Chief Guest Prof N Rajendran, Vice-Chancellor, Alagappa University, Mr H S Siddamalliah, Librarian, Rajiv Gandhi University of Health Sciences and Mr Sanjeev Kumar Singh, Rashtriya Uchcharat Shiksha Abhiyan Coordinator of Alagappa University, Mr Kannan P, Deputy Librarian, Central University of Punjab, Mr Hitesh Kumar Solanki, Scientist C (CS), INFLIBNET Centre and the participants of the workshop. Hon'ble Vice-Chancellor, Prof N Rajendran, in his presidential address, addressed the gathering about the importance of research and the role of librarians. He emphasized that “the root of good teaching is nourished by the soil of good research”. He conveyed a message to all the research community in the University to work with integrity, passion and social relevance so that the results found can be used as inputs for policymaking purposes. Mr H S Siddamalaih, Librarian, Rajiv Gandhi University of Health Sciences in his inaugural speech, said the library could play a vital role in providing and assisting language correction to data analysis. Mr Sanjeev Kumar Singh, Rashtriya

Uchchar Shiksha Abhiyan Coordinator of Alagappa University said the library on the campus was home to a wide range of books and journals, thanks to financial assistance from schemes such as RUSA. 100 participants who actively participated from various academic institutions in and around the state of Tamil Nadu. Mr Kannan P, Deputy Librarian, Central University of Punjab delivered a lecture about “RIM & IRINS” followed by a lecture by Mr Hitesh Solanki, Scientist C (LS), INFLIBNET Centre, Gandhinagar about “Role of Academic Identity in Scholarly Communication System-ORCID”.

Technical sessions were held and case studies were shown in the post-lunch sessions. Mr Kannan P and Mr Hitesh Solanki made the participants to clearly understand the different levels of workflow mechanism by giving a live demo of “Implementation of IRINS and its workflow administration”. The workshop also witnessed IRINS Implementation: Experience and challenges shared by the Nodal Officers of IRINS from ‘National Institute of Technology, Trichy’, ‘Central University of Tamil Nadu’ and ‘Annamalai University’. The participants actively participated in the open discussion by giving their feedback and suggestions for the betterment of the IRINS. The certificates of participation were distributed at the concluding session.

One-day National Workshop on Indian Research Information Network System (IRINS): Adoption & Promotion, INFLIBNET Centre, Gandhinagar, Gujarat, 27th February 2020



Participants of National Workshop on Indian Research Information Network System (IRINS): Adoption & Promotion at Hyderabad Central University, Hyderabad

One-day National Workshop on Indian Research Information Network System (IRINS): Adoption and Promotion was organized at INFLIBNET Centre, Gandhinagar on 27th February 2020. Mr Abhishek Kumar, Scientist D (CS), Mr Hitesh Solanki, Scientist C (CS), Mr K Siva Shankar, Scientist B (LS) and Mr Kannan P, Deputy

Librarian, Central University of Punjab, Bathinda coordinated the programme. Prof J P Singh Joorel, Director, INFLIBNET Centre, Gandhinagar inaugurated the programme. 23 participants across the country participated in the workshop. Mr K Siva Shankar, Scientist B (LS) delivered a welcome address by introducing all the dignitaries graced the occasion followed by the lighting of the lamp ceremony. Mr Abhishek Kumar, Scientist D (CS) briefed about the workshop and the importance of IRINS. Prof J P Singh Joorel, Director, in his inaugural speech, discussed the information explosion and its impact through the research output from the researchers across the country. He wished the participants should be the brand ambassadors for the IRINS in their respective institutions and need to be taken forward by the respective stakeholders for the wider visibility of the research output by implementing IRINS. Mr Hitesh Solanki, Scientist C (CS) extended a formal vote of thanks at the end of the inaugural session.

The technical sessions were started by a lecture delivered by Mr Kannan P, Deputy Librarian, the Central University of Punjab, about “Introduction to Indian Research Information Network System (IRINS)”. In the post-lunch sessions, participants were made to understand the importance of academic identity and specifically about ‘ORCID’ through the lecture titled “Role of Academic Identity in Scholarly Communication System - ORCID” delivered by Mr Hitesh Solanki, Scientist C (CS). Mr Abhishek Kumar, Scientist D (CS) and Mr K Siva Shankar, Scientist B (LS) gave a formal presentation focusing on “Implementation of IRINS and its workflow, the administration”, and later the participants were made to understand the different levels of workflow mechanism by giving a live demo. The participants actively participated in the “Open discussion regarding IRINS and its features” giving their feedback and suggestions for the betterment of the IRINS.

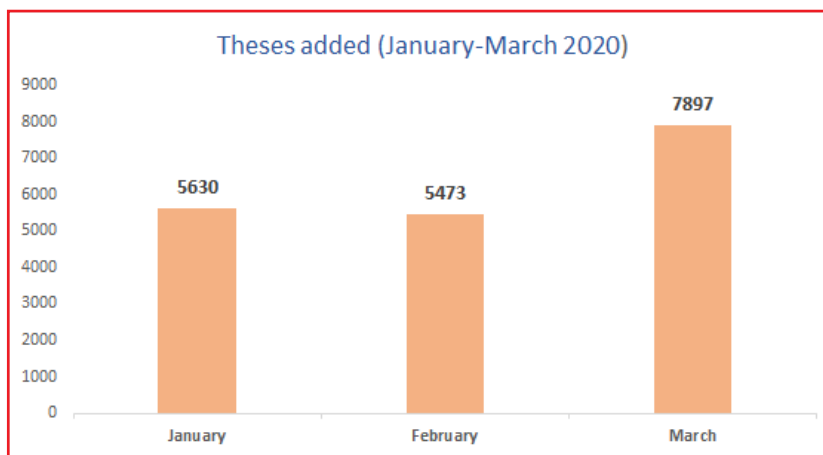
Mr Iliyas Mansuri, Project Officer (LS), Ms Mamta, Senior Project Associate (CS) and Ms Trupti Barot, Senior Project Associate (LS), Mr Viren Rathavi Viren, Office Assistant, and Mr Nitesh, Project Assistant (LS) were the organizing team members during the National Workshop. The certificates of participation were distributed at the end of the Workshop.

Current Status of INFLIBNET Projects

Shodhganga

The Shodhganga repository has grown into a formidable size of 2, 69, 000+ digital copy of theses on free access for anyone in the world by promoting the philosophy of Open Access. Shodhganga is standing as an apex repository in the nation with full-text theses from more than 435 Universities throughout India set-up by the INFLIBNET Centre, an IUC of UGC, Ministry of HRD, Govt. of India. Universities are encouraged to sign an MoU with INFLIBNET Centre for joining Shodhganga as a result of which 511 universities came forward to sign

the MoU and contributing to the repository. During this quarter, 14 Universities signed MoU and 19,000 theses were uploaded from 13 contributing universities. While in Shodhgangotri 7081+ Synopses including (MRPs/PDFs/ Emeritus Fellowship) are submitted from 76 Universities.



New Features Added to the Dashboard:

Restricted Dashboard and Subject Portal is released in January 2020 with searching and browsing facilities including various search options like University type wise, Subject wise, Language-wise, Department wise, and Year wise etc. A sample screenshot is given below:

Chemistry (22869)	Engineering (14727)	Physics (14008)	Education (13613)
Commerce (12212)	Botany (9885)	Zoology (9159)	Economic (9140)
English (8759)	Management (8627)	Hindi (8540)	Mathematics (7263)
History (6597)	Computer science (4798)	Sanskrit (4747)	Biotechnology (4629)
Sociology (4315)	Political science (4176)	Psychology (4035)	Geography (3846)
Biology (3671)	Business (3060)	Tamil (2872)	Humanities (2548)
Social Science (2333)	Microbiology (2303)	Philosophy (2271)	Law (2235)
Statistics (2218)	Library (1931)	Pharmacy (1785)	Arts (1768)
Environmental Science (1746)	Life Science (1678)	Geology (1613)	Bengali (1609)
Marathi (1515)	Agriculture (1356)	Medical (1334)	Anthropology (1160)
Public Administration (1153)	Home Science (963)	Gujarati (863)	Marine (715)
Malayalam (389)	Health Science (333)	Anatomy (110)	

Similarly, Language theses are also listed separately:

Similarly, Language theses are also listed separately:

Regional Language Theses	
8540	• Hindi (हिंदी)
2872	• Tamil (தமிழ்)
863	• Gujarati (ગુજરાતી)
1609	• Bengali (বাংলা)
1515	• Marathi (मराठी)
389	• Malayalam (മലയാളം)
716	• Urdu (اردو)
4747	• Sanskrit (संस्कृत)
659	• Punjabi (ਪੰਜਾਬੀ)
8	• Konkani
849	• Kannada (ಕನ್ನಡ)
741	• Telugu (తెలుగు)
719	• Oriya (ଓଡ଼ିଆ)
327	• Assamese
28	• Manipuri

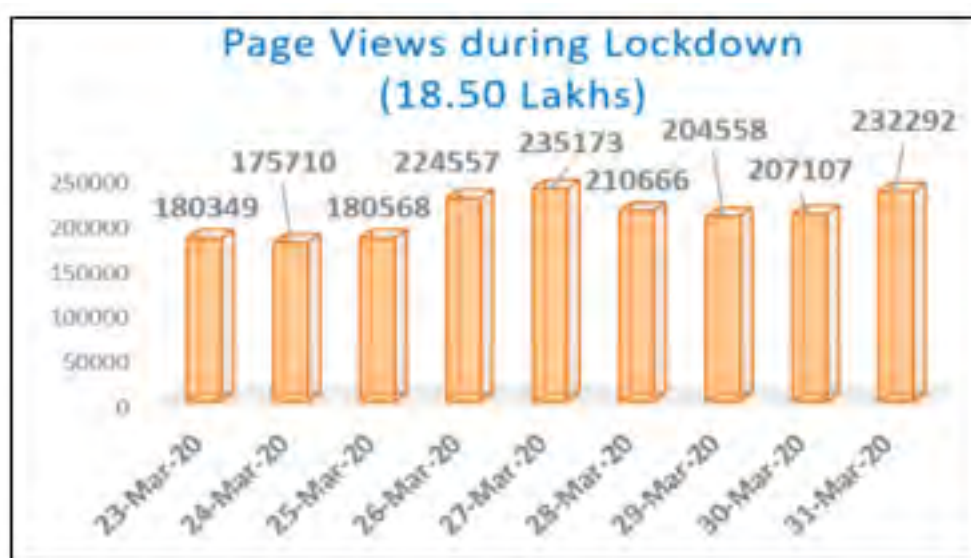
Chemistry has the largest number of theses with 22870 theses, followed by Engineering with 14700 theses, Physics with 14000 theses. 20 top subjects theses appeared in Shodhganga is given below:



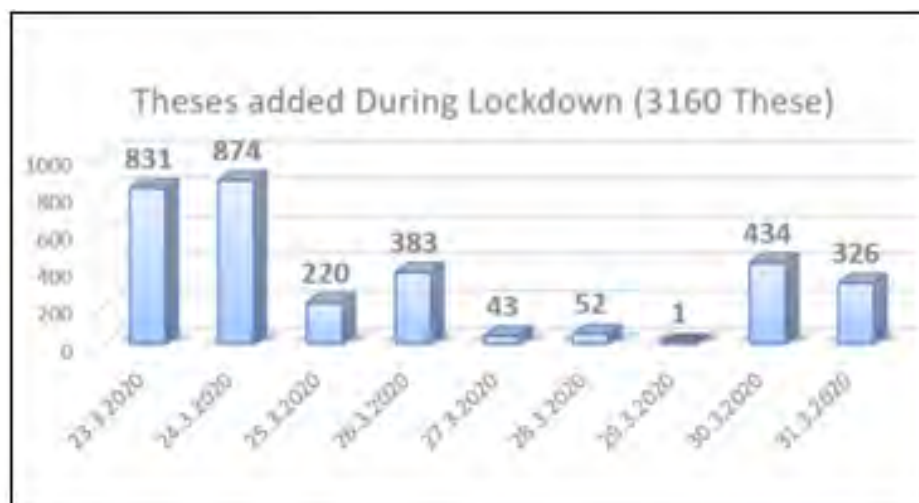
Overwhelming Access during Lockdown Period:

Due to COVID-19 pandemic, the whole country has been on complete locked down for 21 days from 23rd March 2020 onwards. It is noted that during this locked down period, a large number of people are accessing

Shodhganga theses without any break. The page views details are given below:



3160+ theses were added during the locked down period (23rd to 31st March).



Plagiarism Detection Software (PDS) under ShodhSuddhi: An Initiative of MHRD, Govt of India

The MHRD through its initiative ShodhSuddhi 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. September 01, 2019. This program is being executed by INFLIBNET Centre Gandhinagar. The Plagiarism Detection Software (PDS – Urkund) has been selected based on Global Tender Process. The access to this online software system is based on username and Password. The software has been

implemented in all identified 1024 Universities/Institutions by creating a user ID and Password for University Coordinators (UC) with admin rights. The University/Institutions Coordinators are responsible for creating login credentials for their faculty, Research Scholars of their respective University/Institutions. The current status of PDS implementation as on 31st March 2020 is given below:

PDS (URKUND-status as on 31-03-2020)

University Type	No. of Universities	No. of Documents submitted	No. of Users (Receivers)
Central Open University	1	1658	583
Central University	49	36079	7128
Deemed University-Government	36	2443	893
Deemed University-Government Aided	10	4777	599
Deemed University-Private	80	29783	9839
Institute of National Importance (CFTI)	138	12584	11645
Institute under State Legislature Act	5	104	100
IUCs of UGC	9	1447	203
State Open University	14	945	388
State Private Open University	1	0	0
State Private University	322	36429	14760
State Public University	367	208016	32066
Total	1032	334265	78204

New Projects @ INFLIBNET Centre

Portal Development Work of Children University

The INFLIBNET Centre was assigned a project for the web-based portal development work of Children University, Gandhinagar, Gujarat.

Kendriya Vidyalaya Sangathan Module for HRM Office, MHRD

The INFLIBNET Centre was given a project on developing Kendriya Vidyalaya Sangathan Module for HRM Office, Ministry of Human Resource Development (MHRD), New Delhi.

Automation of Equivalence System for Association of Indian Universities, New Delhi

The INFLIBNET Centre was given a project on developing a web-based application for Automation of Equivalence System for Association of Indian Universities, New Delhi.

National Fellowship for Persons with Disabilities (2018-2020)

The UGC has given the responsibility to INFLIBNET Centre for development and maintenance of e-Scholarship-Fellowship Award Registration Tracking System (eSART). National Fellowship for Persons with Disabilities application started to invite the applications for the year 2018-2020.

FIT India: MHRD vertical for Academic

The INFLIBNET Centre was given a project on developing a web-based application for FIT India: MHRD vertical for Academic under the MHRD major Initiatives project, New Delhi.

Other Notable Activities and Events

71st Republic Day Celebration

The INFLIBNET Centre celebrated 71st Republic Day on 26th January 2020 at INFLIBNET Centre, Gandhinagar. The National Flag was hoisted by Mr Yatrik Patel, Scientist E (CS), INFLIBNET Centre. Further, he addressed the staff members and their families about the activities of the Centre on this occasion.



Some glimpses of 71st Republic Day Celebration at INFLIBNET Centre

Lecture on Sexual Harassment of Woman at Workplace (Prevention, Prohibition and Redressal) Act 2013, INFLIBNET Centre, Gandhinagar, 5th March 2020

Lecture on “Women at work: An overview of Legislative and Judicial Trends Vis-a-Vis Sexual Harassment” was delivered by Prof Arvind Jasrotia, Professor, Department of Law, University of Jammu, J&K on 5th March 2020 in the event of Lecture Series organized at INFLIBNET Centre, Gandhinagar to address the issues related to women harassment at workplace. Prof Jasrotia addressed the gathering and through his presentation highlighted the issues and aspects related to women harassment at work and highlighted about the laws, acts, implications, penalties, punishments which are related to sexual harassment of woman at workplace. Prof J P Singh Joorel, Director INFLIBNET Centre, and staff members of the INFLIBNET Centre were present in the programme. Dr Kruti Trivedi, Presiding Officer, Scientist C (LS) coordinated the programme with Sh. Manoj Kumar K, Scientist-E (CS) and other Committee members of the Committee. About 150 participants attended the programme.



Lecture on Sexual Harassment of Woman at Workplace at INFLIBNET Centre

Holi Celebration

The festival of colours, Holi was celebrated at the Centre on 10th March 2020. Hon'ble Director, INFLIBNET Centre along with his family joined the staff and their family members and celebrated the occasion.



Director, INFLIBNET Centre, along with Staff and their Family Members celebrating “Holi” at INFLIBNET Centre

ARTICLE

Indian Academic Institutions and Indian Research Information Network System (IRINS): A Journey

Siva Shankar Kimidi, Scientist B (LS), INFLIBNET Centre, Gandhinagar, Gujarat and
Kannan P, Deputy Librarian, Central University of Punjab, Bathinda, Punjab

A Research Information Management (RIM) system plays an important role in showcasing the research output of the academic and research institutions to the world. The Indian academic and research institutions are creating and generating huge research information in different formats which are getting published in various channels. The research information from individual researchers to an institute can be made visible through an effective and efficient RIM system only. The intuition behind the national RIM system is to provide an increasingly relevant role of Librarians and the role of academic identities to build an interoperable research information management systems across the country. The article describes the growth and the penetration of the RIM concept across the country and its outreach by an indigenously built platform, the Indian Research Information Network (IRINS).

Keywords: Research Information Management, RIM, IRINS, CRIS and India

Introduction

A Research Information Management (RIM) system is a database or other information system to store and manage information about research conducted at an institution level through their funded projects, research publications, data sets, patents etc. Through a structured RIM system, the research knowledge can be promoted and shared among the research information community for better research growth & showcasing. Worldwide the CRIS systems are getting widely implemented, as they are becoming the key elements for the academic and research institutions reporting to the Government's Research Assessment Framework (REF). The research information management systems are built in such a way that they are interoperable with other Current Research Information Systems (CRIS) across the globe. The ranking framework systems and assessment cum accreditation systems are forcing the academic institutions to provide data for analyzing the key parameters which are directly linked with the institutional research assessment, benchmarking, and rankings. Various drivers for RIM adoption are to manage the annual academic activity reporting, support the subject domain expertise discovery, support the institutional reputation and strategic decision making. The major role of RIM is to improve the information service needed for scholarly communities across academic institutions and research organizations. To a certain extent, there is no such RIM policy stringently implemented at the national level. Research is an enterprise that can be done effectively only in a collaborative mode with other researchers. This can be achieved only when research output and research interest of scientists and faculty is duly curated and made discoverable through a "research hub" to the entire research community within as well as outside the institute. Indian Research Information Network System (IRINS) plays a vital role as a research hub connecting various research landscapes in different subject domains at a different level in institutes. Information and Library Network Centre (INFLIBNET) Centre in collaboration with Central University of Punjab (CUPB) has developed a research information management platform named as IRINS which serves as a tool to project the performance of individuals, departments, schools and an institute on various bibliometric parameters. IRINS portal facilitates academic and R&D organizations to collect, curate, and showcase the scholarly communication activities of their faculty, scientists and scholars, and provides an opportunity to create a scholarly network among them. The IRINS is being offered as a free software-as-service to the academic and R&D organizations across the country.

Quest for Research Information Management

All the academic institutions and research organizations are striving for their prominence by showcasing their research presence in various key parameters across all the national and international benchmarking and ranking frameworks. Not only the academic institutes but the key stakeholders, i.e. researchers and academicians at all levels need to regularly update about their on-going research in their respective subject expertise, it may be a white paper or a pre-experiment discussion in a research laboratory or their publications which they produce. Further specific questions will also arise within the network of the academic and research institutions like (Which is the top institute? What is their number of publications? The total number of citations? H-index of an individual author? and what are the institute's research departments? etc.)

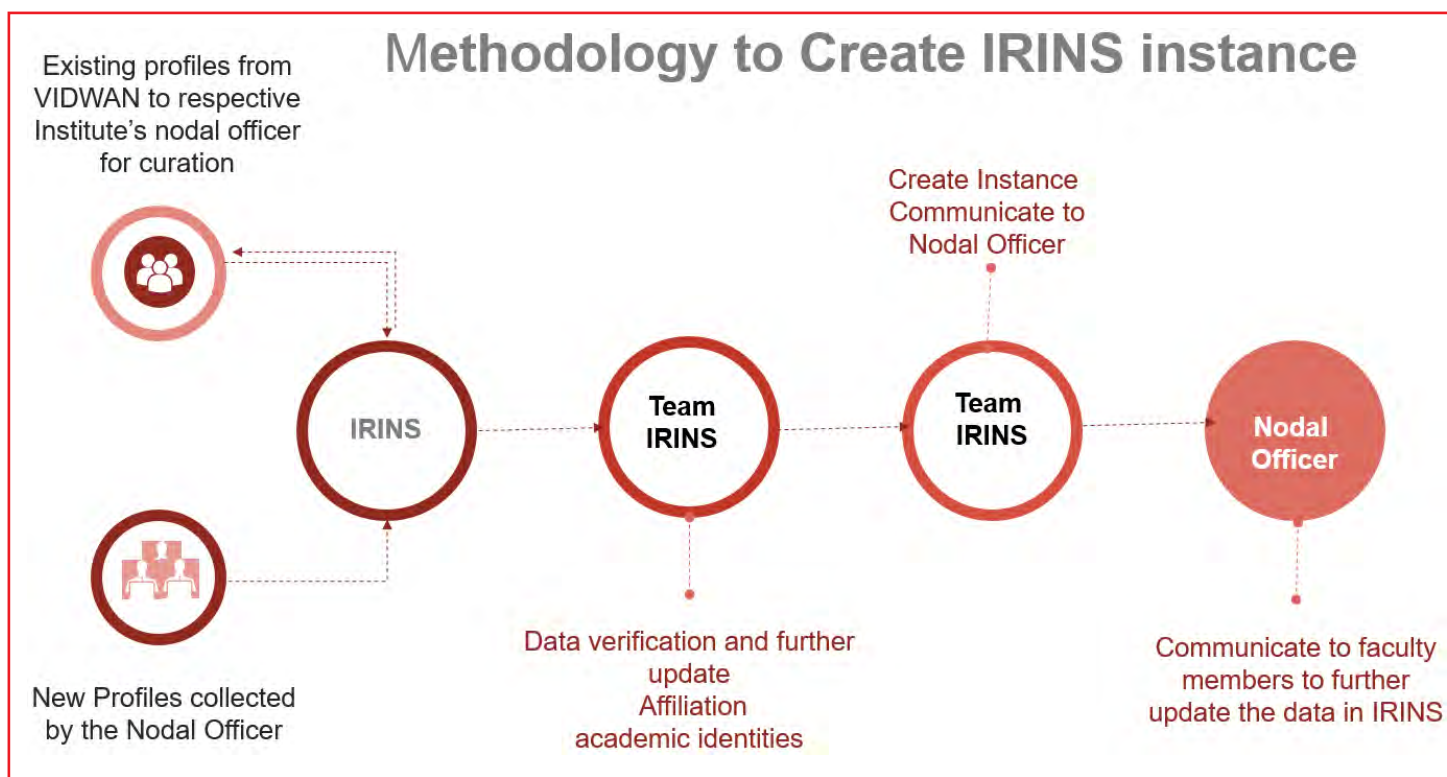
A well-structured research information management (RIM) can keep abreast the researchers all the time about the latest subject topics, institute collaborations, and different trends in their respective discipline as well as the close by areas. Such research information is needed for better research discovery and measurement of research activities. The stakeholders are the scholars, faculty members, scientists, research administrators, funding agencies and policymakers. Currently, the data is spread across the various information capturing systems such as institutional repositories, personal websites, and in a few commercial databases such as SCOPUS, Web of Science, Dimensions and open citation databases such as Google Scholar, Microsoft Academic Search, and ORCID etc. Apart from the traditional metrics, the research information management system such as IRINS also showcases the research related data with publication venue and social media metrics.

The stakeholder's primary benefit by setting up IRINS is to showcase their research contribution to the scholarly communities, reduce the repetitive data entry in different platforms, enable research related metadata to be more discoverable, etc.



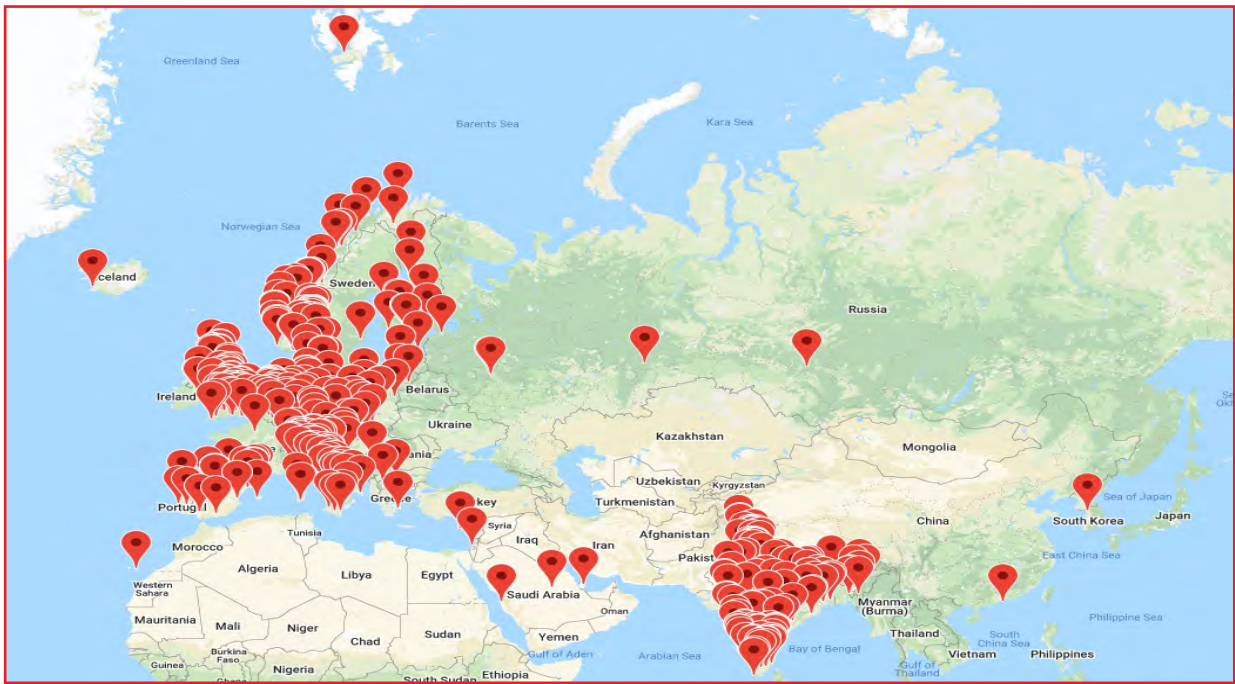
IRINS also provides greater exposure of their research contributions to the international community and helps to collaborate with the interdisciplinary research activities. The importance of IRINS and its presence in every institution strengthen the departments through its vital activities such as by depicting the department growth from the overall institute research publications. It enables to compare the research output within departments of the same institute, such as the strength of individual departments from their research output, the granted projects and faculty strength, etc. IRINS can also be a handy tool for the research administrators to get an overall insight about the research interests of faculty members, their research focus on the departments, schools across the institute. It enables the administrator to build performance assessment reports, research impact analysis and also minimizes the time to collect research-related information, often from the individual department and faculty which they are supposed to be used during the ranking frameworks, reporting activities and other policy-making decisions. IRINS helps the funding agencies and policymakers too by providing research-related information to the national projects and ranking systems such as National Digital Library, National Institutional Ranking Framework, National Assessment and Accreditation Council and the statutory body such as University Grants Commission (UGC) under Ministry of Human Resource Development (MHRD). This helps to identify experts for project proposal reviews and various committees.

Methodology to Create IRINS instance



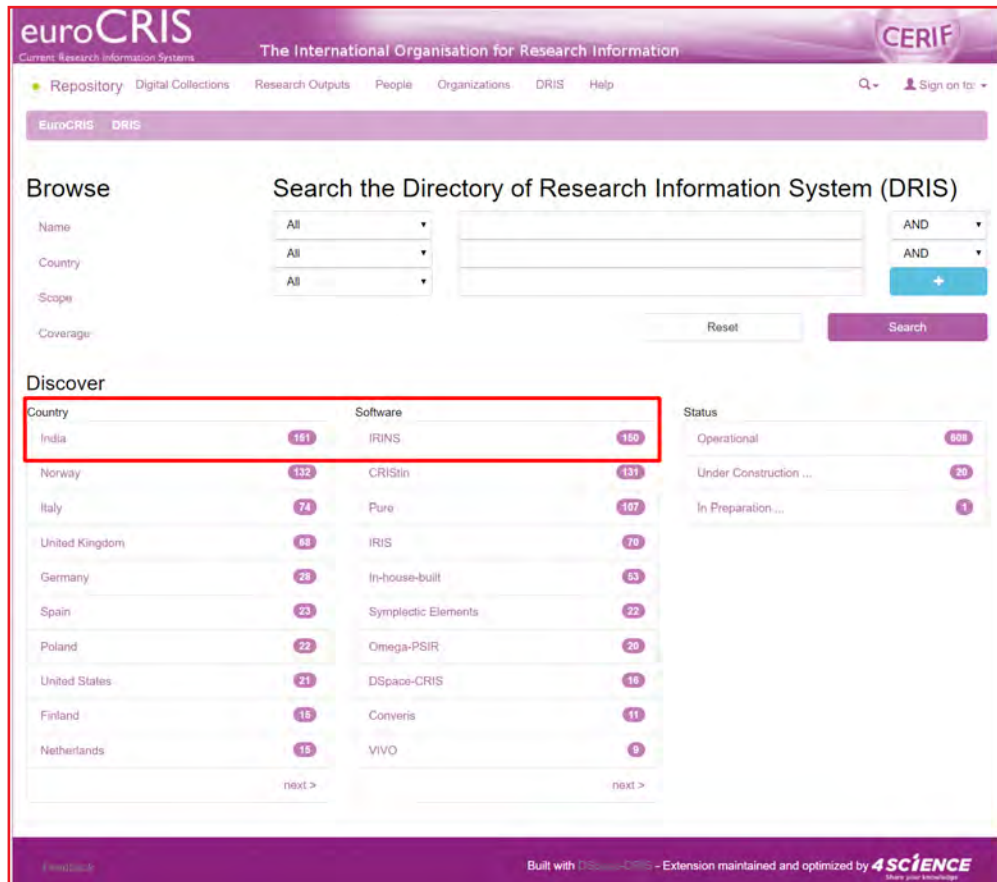
Outreach

Indian Research Information Network System (IRINS) is not just a webpage displaying the figures and metrics. It gives a deep insight & picture of the institution's competency in respect of the core faculty and the research strength through its research collaboration across the globe. In its early stage, IRINS kick-started the project by deploying prototype interfaces for few centrally funded higher educational institutions. The Ministry of Human Resource Development (MHRD), Govt. of India approved this project to be implemented in all the Centrally funded institutions under the Ministry. In the later stages, the project swang with a great pace by penetrating in various verticals of educational and research organizations in India. The RIM concept in India through a system like IRINS is crossing its boundaries through its active association and presentations in various international platforms such as the FORCE11 Scholarly Communication Institute (FSCI) at the University of California, Los Angeles; at the euroCRIS Strategic Membership Meeting at University of Münster, Germany and a one-to-one discussion with euroCRIS Secretary during FORCE11 2019 at the University of Edinburgh, Edinburgh. The IRINS is associated as a member with euroCRIS, a not-for-profit association to promote CRIS systems across the globe and more visibility to the IRINS instances through the Directory of Research Information System. By implementing the IRINS in Indian higher educational institutions, research and development organization made itself, its presence in CRIS systems across the globe. IRINS has completely spread across India with its active institutional IRINS instances, and the same has been depicted in below Figure-1. From the Figure-2, we can see that India was ranked in the first position by implementing 151 active institutional IRINS instances by competing with European countries.



Source: <https://dspacecris.eurocris.org/>

Figure-1: euroCRIS - DRIS map



Source: <https://dspacecris.eurocris.org/>

Figure-2: India ranking in euroCRIS

Current Status

Initially, the project started with prototype instances set up for Pondicherry University (<http://pondiuni.irins.org/>) and a few other top tier academic, research & development and CSIR institutes. Currently, IRINS hold 156 active instances across the country which can be viewed from the below Figure-3. Every educational institution is keen to set up their own IRINS instance to showcase the scholarly research contribution to the external world through the IRINS platform. Gradually the mouth marketing about IRINS has been changed to the grand campaign with the help of MHRD's intervention to conduct various awareness programmes across the Country. Interest to implement IRINS has been increased from various stakeholders, including Centrally Funded Institutes (CFI), State University (SU), Technological Institutes (TI), Private Universities (PU), Colleges, CSIR Labs, ICMR, ICAR institutes and few R&D institutions. The research output of the top ten institutions in respect of total publications, the citation counts are captured from SCOPUS, Crossref and the type of open-access publications published can be seen in Table 1.



Source: <https://dSPACECRIS.eurocris.org/>

Figure-3: euroCRIS - IRINS geolocation map

Sl.No	Institute	Publications	SCOPUS Citations	Crossref Citations	GOLD OA	GREEN OA	Bronze OA
1	Indian Institute of Technology, Delhi	30601	522626	406922	1223	1694	715
2	Indian Institute of Science Bangalore	28165	575070	369892	1392	2896	1009
3	Indian Institute of Technology, Madras	25015	404887	328281	1530	1890	632
4	Indian Institute of Technology, Kanpur	19427	338054	267407	761	1925	428
5	Indian Institute of Technology, Bombay	18010	268985	222289	859	1773	355
6	Indian Institute of Technology, Kharagpur	14629	275509	234740	557	575	229
7	Panjab University, Chandigarh	13094	411181	311886	3456	1227	480
8	Banaras Hindu University	12513	245561	208690	1514	1103	789
9	Indian Institute of Technology, Roorkee	11991	175785	165863	542	320	244
10	Aligarh Muslim University	8857	141279	100627	1076	719	309

Table 1: Top 10 IRINS Instances

Among the total IRINS instances deployed, the centrally funded institutes (108) holds the highest number of faculty (10,515+) who has more than 2,90,000+ publications with 43,69,025 SCOPUS citations and 34,26,292+ Crossref citations followed by the state universities, technological institutes, etc. The Indian Research Information Network System (IRINS) webpage and the complete glimpse of an individual IRINS instance can be viewed from Figure-4, which gives a clear picture about the current total number of faculty affiliated with the institute, scholarly resources, impact, the department list, top authors and their publications with the individual department h-index.

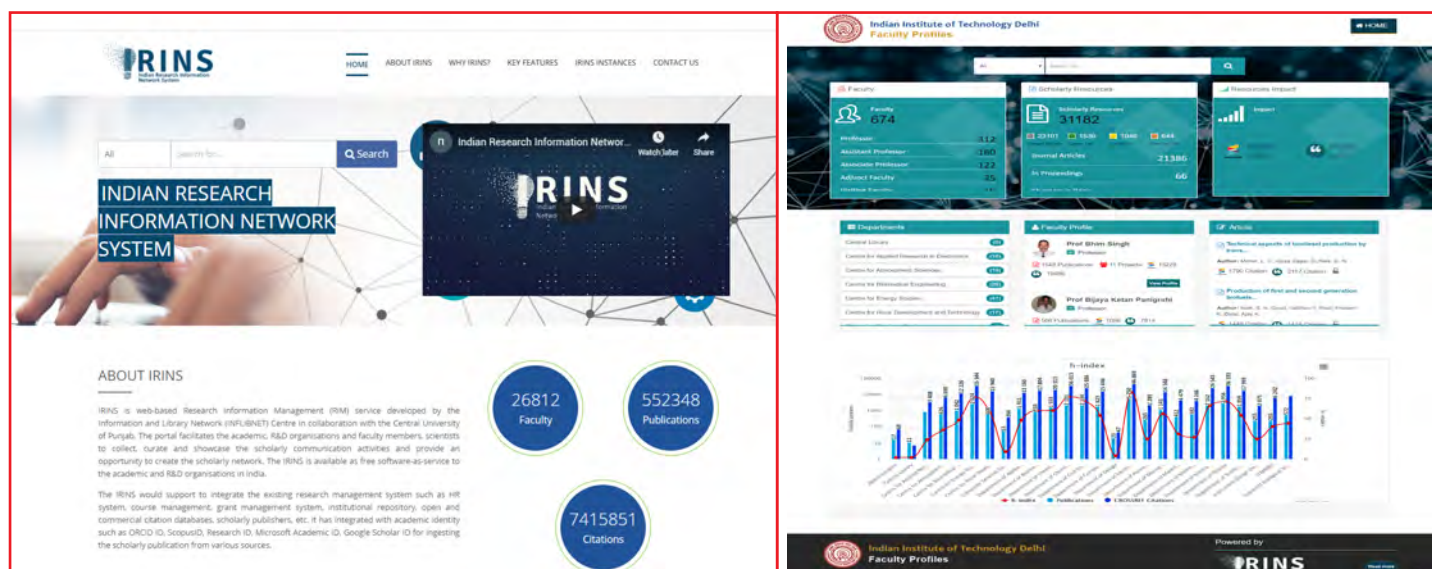
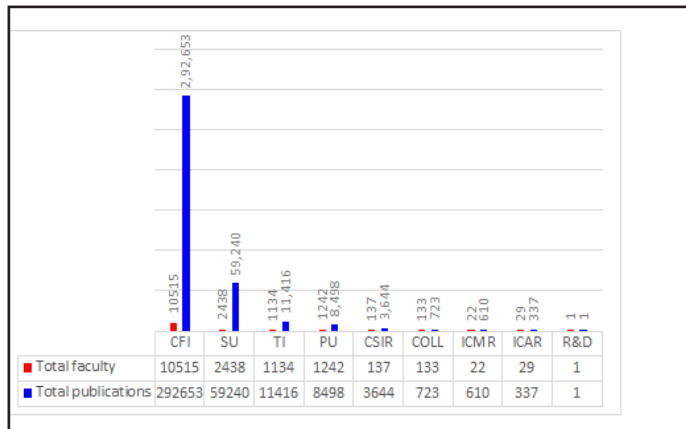


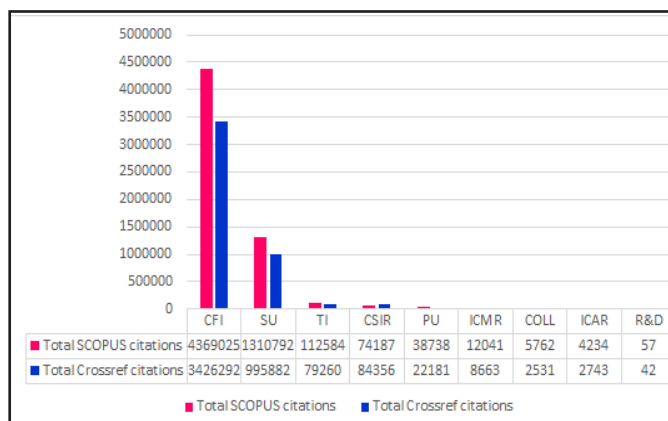
Figure-4: IRINS webpage and IRINS instance homepage

Graph-1 provides the figures of the rest of the institutes.



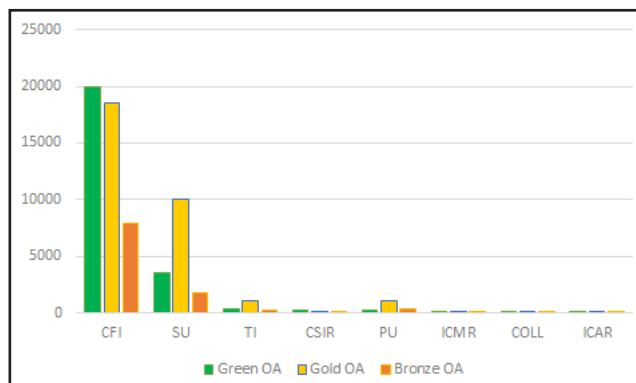
Graph-1: IRINS Institutes and Total Faculty and Publications

IRINS also captures the citations against each publication having a valid digital object identifier (DOI). The Graph-2 gives a clear picture of the citations which were captured by SCOPUS and Crossref.



Graph-2: IRINS Institutes their Citation count

Apart from capturing the citations count IRINS also gives an overview of the publication category about the publication venues (Open Access). IRINS enables the research community to easily understand and to get an overview of the publication category bound to the various open access such as green, gold, and bronze open access. The Graph-3 clearly describes the publications categorization.



Graph-3: IRINS Publications category

Summary

The international and national level ranking and other assessment systems are forcing the academic and R&D organizations to adopt the research information management systems to showcase the research contribution to the scholarly communities. The Research Excellence Framework (REF), UK insists higher education should have the current research information management system to bring more visibility to the research related metadata and also bring more transparency in the international level assessment exercises. The IRINS in India has made a great impact to promote and bring more awareness about the research information management system for the higher education system and its benefits. It has a strong presence in higher education institutions in India and would like to expand this service to the academic community outside India. The IRINS connected 23,000 experts from 143 instances with more than seven lakhs research related metadata across the country. The IRINS would connect all the higher education institutions in India in the future and hope to lead to the creation of its own citation database, and bring more visibility to the Indian scholarly works.

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Visitors

Department of Computer Engineering, Faculty of Technology, Dharmsinh Desai University, Nadiad, Gujarat

As part of an educational tour to institutions and organizations, students along with faculty members from the Department of Computer Engineering, Faculty of Technology, Dharmsinh Desai University, Nadiad, Gujarat visited INFLIBNET Centre, Gandhinagar on 23rd January 2020. Dr H G Hosamani, Scientist D (LS) and Mr Abhishek Kumar, Scientist D (CS), INFLIBNET Centre delivered the introductory sessions about the INFLIBNET Centre's activities and services.

Department of Education, Gujarat University, Ahmedabad, Gujarat

As part of an educational tour to institutions and organizations, 24 students and 1 faculty member from the Department of Education, Gujarat University, Ahmedabad visited INFLIBNET Centre, Gandhinagar on 24th January 2020. Dr H G Hosamani, Scientist D (LS) delivered the introductory session about the INFLIBNET Centre's activities and services, and Mr Abhishek Kumar, Scientist D (CS) delivered a session about higher education and media research. Mrs. Hema Cholin, Scientist B (LS) coordinated the visit.



Department of Library and Information Science, Sardar Patel University, Ballabh Vidyanagar, Anand, Gujarat.

As part of an educational tour to institutions and organizations, 25 students of BLISc, MLISc and Research Scholar, 02 faculty members, and a supporting staff member from the Department of Library and Information Science, Sardar Patel University, Anand visited INFLIBNET Centre, Gandhinagar on 24th January 2020. Dr H G Hosamani, Scientist D (LS), INFLIBNET Centre delivered the introductory sessions about the INFLIBNET Centre's activities and services, and also coordinated the visit.



Geetanjali College of Computer Science & Commerce, Rajkot, Gujarat

As part of an educational tour to institutions and organizations, 50 students of BCA and MSC (IT) along with faculty members from the Geetanjali College of Computer Science & Commerce, Rajkot visited INFLIBNET Centre, Gandhinagar on 7th March 2020.

Staff News

Prof J P Singh Joorel, Director

Prof J P Singh Joorel delivered two talks on “Development of Higher Education in Modern India and Future Prospects” in the Orientation Programme on the theme ‘देश: दृष्टि, दिशा और विकास’ at Centre for Professional Development in Higher Education, UGC-HRDC, University of Delhi, Delhi on 16th January 2020. He delivered an invited talk on “Higher Education in India” during the International Conference on “Lokmanya Tilak: Maker of Modern India” organized by Tilak Maharashtra Vidyapeeth, Pune on 22nd January 2020. Prof Joorel delivered an inaugural lecture as Chief Guest in the Seminar on ETD Lifecycle Management at Indira Gandhi National Centre for Arts (IGNCA), New Delhi on 30th January 2020. He delivered an invited lecture on the Role of INFLIBNET Centre in Higher Education in the “Faculty Development Workshop on using E-Library Resources for Teaching and Research” organized by Ram Lal Anand College (Constituent College of University of Delhi), New Delhi on 30th January 2020. He attended the “Leadership for Academician Programme (LEAP 2019-2020) at Monash University, Australia during 14th – 22nd February, 2020.

Mr Manoj Kumar, Scientist E (CS)

Mr Manoj Kumar attended as a Key Resource Person on the topic Awareness Programme of MOOCs & INFLIBNET Services to Central universities at Central University of Odisha on 23rd Jan 2020. He delivered an invited talk on the topic Research Ethics and Plagiarism on 25th January 2020 CHMK Library, University of Calicut organized by Dept of Library and Information Science.

He addressed in the PARAMARSH workshop for Mentee Colleges organized by Farook College on 25th Jan 2020 on Topic Quality Enhancement and NAAC Accreditation: New Framework and Future Challenges. He attended as a Resource Person on the topic Library as a Learning Resource, INFLIBNET as a gateway for NAAC and NIRF in the 3-Days Orientation program to Principals on Academic Leadership organized by Commissionerate of Collegiate Education, Vijayawada, Government of Andhra Pradesh on 12th Feb 2020. He delivered a Lecture on “Use of Anti-Plagiarism Software Urkund and Turnitin” during the Five-day Short Term Training Program on “Innovative and Adaptive Technologies for Libraries / Librarians” held from 2nd - 6th March 2020 jointly sponsored by AICTE, New Delhi and Gujarat Technological University (GTU), Ahmedabad at INFLIBNET Centre, Gandhinagar on 4th March 2020.

Mr Yatrik Patel, Scientist E (CS)

Mr, Yatrik Patel was invited to deliver the theme lecture/keynote address during half-day Quarterly Seminar on 'Impact of ICT in Compact Libraries' co-organised by DAIICT Resource Centre and ADINET on 25th January 2020. He was invited to deliver a Lecture on "MARC 21: Overview" during Five-day Short Term Training Program on "Innovative and Adaptive Technologies For Libraries / Librarians" during 2nd - 6th March 2020 jointly sponsored by AICTE and GTU at INFLIBNET Centre, Gandhinagar.

Mr H G Hosamani, Scientist D (LS)

Mr H G Hosamani was invited to deliver a Lecture on "Library Automation Using SOUL 2.0 Software" during the Five-day Short Term Training Program on "Innovative and Adaptive Technologies For Libraries / Librarians" held from 2nd - 6th March 2020 jointly sponsored by AICTE, New Delhi and Gujarat Technological University (GTU), Ahmedabad at INFLIBNET Centre, Gandhinagar on 5th March 2020. He addressed the participants and also distributed the certificate during the valedictory session on 6th March 2020.

Mr Abhishek Kumar, Scientist D (CS)

Mr Abhishek Kumar attended UGC MOOCs meeting for demonstrating KVS portal created for HRM at UGC, on 3rd January, 2020. He also attended ARIIA review committee meeting and technical presentation on ranking module on 5th February, 2020. He attended walk-in interview as a selection committee member for selecting the manpower for the project of UGC e-governance at UGC on 7th February, 2020. He attended a meeting of EdCIL about NMEICT project and FIT India requirement with MHRD officials through Video Conferencing on 18th February, 2020. He attended DTH SWAYAM Prabha Channel Review Meeting during the Workshop for all the channels at Indian Institute of Technology Delhi on 21st February, 2020. He also attended ARIIA review Committee for presentation of ranking module of ARIIA at AICTE, New Delhi on 2nd March, 2020. He delivered two lectures on "Learning Content Creation using MOOCs" and "India Rankings" during the Five-day Short Term Training Program on "Innovative and Adaptive Technologies for Libraries / Librarians" held from 2nd - 6th March 2020 jointly sponsored by AICTE, New Delhi and Gujarat Technological University (GTU), Ahmedabad at INFLIBNET Centre, Gandhinagar on 3rd and 4th March 2020 respectively. He was a resource person for the workshop on MOOC in the International Conference on Evolving Trends in Higher Education at St. Xavier's College (Autonomous), Mumbai on 12th March, 2020.

Mr Swapnil P Patel, Scientist C (CS)

Mr Swapnil Patel delivered a Lecture on "Creation and Management of Institutional Repository" during the Five-day Short Term Training Program on "Innovative and Adaptive Technologies for Libraries / Librarians" held from 2nd - 6th March 2020 jointly sponsored by AICTE, New Delhi and Gujarat Technological University (GTU), Ahmedabad at INFLIBNET Centre, Gandhinagar on 4th March 2020.

Mr Divyakant Vaghela, Scientist C (CS)

Mr Divyakant Vaghela delivered a Lecture on "Open Source Content Management System" during the Five-day Short Term Training Program on "Innovative and Adaptive Technologies for Libraries / Librarians" held

from 2nd - 6th March 2020 jointly sponsored by AICTE, New Delhi and Gujarat Technological University (GTU), Ahmedabad at INFLIBNET Centre, Gandhinagar on 6th March 2020.

Mrs. Vaishali Shah, Scientist C (LS)

Mrs. Vaishali Shah delivered a Lecture on “Hands-on Demonstration: Copy Cataloguing, OCS 2.0, XL2MARCXML Utility and MARCEdit” during the Five-day Short Term Training Program on “Innovative and Adaptive Technologies for Libraries / Librarians” held from 2nd - 6th March 2020 jointly sponsored by AICTE, New Delhi and Gujarat Technological University (GTU), Ahmedabad at INFLIBNET Centre, Gandhinagar on 4th March 2020. She also delivered a lecture on “Overview of Online Copy-Catalogue System (OCS 2.0) for SOUL 2.0 Users (Theory, Practice & Installation)” at Parul University, Baroda on 13th March 2020.

Dr Kruti J Trivedi, Scientist C (LS)

Dr Kruti Trivedi delivered a lecture on “Citation Index with reference to Web of Science and Scopus” during the Five-day Short Term Training Program on “Innovative and Adaptive Technologies for Libraries/ Librarians” held from 2nd- 6th March, 2020 jointly sponsored by AICTE, New Delhi and Gujarat Technological University (GTU), Ahmedabad at INFLIBNET Centre, Gandhinagar on 3rd March 2020.

Mr Dinesh Ranjan Pradhan, Scientist C (LS)

Mr Dinesh Pradhan delivered a lecture on “Search and Discovery Tools” during the Five-day Short Term Training Program on “Innovative and Adaptive Technologies for Libraries/ Librarians” held from 2nd- 6th March, 2020 jointly sponsored by AICTE, New Delhi and Gujarat Technological University (GTU), Ahmedabad at INFLIBNET Centre, Gandhinagar on 3rd March 2020.

Dr Miteshkumar Pandya, Scientist C (LS)

Dr Miteshkumar Pandya delivered a lecture on Reference Tools: Zotero (Theory and Practices) during the Five-day Short Term Training Program on “Innovative and Adaptive Technologies for Libraries / Librarians” held from 2nd-6th March 2020 jointly sponsored by AICTE, New Delhi and Gujarat Technological University (GTU), Ahmedabad at INFLIBNET Centre, Gandhinagar on 2nd March, 2020.

Mr Hitesh Solanki, Scientist C (CS)

Mr Hitesh Solanki delivered lectures on “Data Handling in R” and “Summary Measures in R” during Three-day Workshop cum Training on “Market Analytics with R - Phase I” at Anand Agricultural University, Anand on 24th February, 2020. He also delivered lectures on “IRINS: Overview” and “Statistical Methods for Research” during the Five-day Short Term Training Program on “Innovative and Adaptive Technologies for Libraries / Librarians” held from 2nd - 6th March 2020 jointly sponsored by AICTE, New Delhi and Gujarat Technological University (GTU), Ahmedabad at INFLIBNET Centre, Gandhinagar on 2nd and 5th March, 2020 respectively.

Mr Pallab Pradhan, Scientist B (LS)

Mr Pallab Pradhan delivered a lecture on Research Metrics, Ethics, Plagiarism, and Reference Management Tools at Dr C.V. Raman University, Bilaspur (C.G.) on 06th February, 2020 during Faculty Development

Programme held from 05th-11th February, 2020 on “Ingredients of Effective Teaching” (FDP-IET-2020). He also delivered a lecture on ‘Reference Tools: Mendeleev’ (Theory and Practice) during the Five-day Short Term Training Program on “Innovative and Adaptive Technologies for Libraries / Librarians” held from 2nd - 6th March 2020 jointly sponsored by AICTE, New Delhi and Gujarat Technological University (GTU), Ahmedabad at INFLIBNET Centre, Gandhinagar on 2nd March 2020.

Mr Raja V, Scientist B (CS)

Mr Raja delivered a Lecture on “Indian Access Management Federation - Remote Access Tool” during the Five-day Short Term Training Program on “Innovative and Adaptive Technologies For Libraries / Librarians” held from 2nd - 6th March 2020 jointly sponsored by AICTE, New Delhi and Gujarat Technological University (GTU), Ahmedabad at INFLIBNET Centre, Gandhinagar on 3rd March, 2020. He also acted as Resource person for one day faculty development program at Sri Krishna Arts and Science and Engineering college at Coimbatore on 5th March 2020

Mrs. Hema V Cholin, Scientist B (LS)

Mrs. Hema Cholin delivered a lecture on “Digital Preservation” during the Five Day Short Term Training Program on “Innovative and Adaptive Technologies for Libraries / Librarians” held from 2nd - 6th March 2020 jointly sponsored by AICTE, New Delhi and Gujarat Technological University (GTU), Ahmedabad at INFLIBNET Centre, Gandhinagar on 6th March 2020.

Mrs Suboohi Siddiqui, Scientist B (LS)

Mrs. Suboohi Siddiqui delivered a Lecture on “Emerging Technology in LIS Profession” during the Five-day Short Term Training Program on “Innovative and Adaptive Technologies for Libraries / Librarians” held from 2nd-6th March, 2020 jointly sponsored by AICTE, New Delhi and Gujarat Technological University (GTU), Ahmedabad at INFLIBNET Centre, Gandhinagar on 2nd March 2020.

Mr Dharmesh A Shah, Scientific & Technical Officer (CS)

Mr Dharmesh Shah delivered a Lecture on IT topic “JavaScript Library: An Introduction on React JS” at INFLIBNET Centre, Gandhinagar on 7th February, 2020 during the Educational visit of Geetanjali College of Computer Science, Rajkot.

User’s Speak

For Shodhganga

From: Prasun Kumar Gupta <prasun@iirs.gov.in>

Date: Fri, Jan 3, 2020 at 4:33 PM

Subject: Request to provide data on PhD theses from ISRO -reg.

To: <manoj@inflibnet.ac.in>

Cc: S K Srivastav <sksrivastav@iirs.gov.in>, Sandeep Maithani <maithani@iirs.gov.in>, Vaibhav Garg <vaibhav@iirs.gov.in>, <vaibi.vaibi@gmail.com>

Dear Manoj Kumar ji,

As discussed we are looking for the list of PhD theses matching the following criteria:

Keywords: satellite, "remote sensing", geospatial, "earth observation"

Language: English

Years: [2015 TO 2019]

We have tried to search using "satellite remote sensing geospatial earth observation", Language = English and Date Completed = [2015 TO 2019] and sorted by Relevance - we received back 5722 results. The results seemed to be relevant, except for repetition of entries.

It would be great if you can provide a list of UNIQUE thesis titles and their year of completion in Excel/CSV, by return email.

Thanking you,

With warm regards,

Prasun Kumar Gupta

Sci./Eng. 'SE' | Geoinformatics Department | Geospatial Technology and Outreach Program Group

Indian Institute of Remote Sensing | Indian Space Research Organisation | Department of Space | Govt. of India

4, Kalidas Road, Dehradun-248001 | Phone +91 135 252 4125 | Email prasun@iirs.gov.in

From: Ziny Sheikh <zinysheikh@yahoo.com>

Date: Mon, Feb 3, 2020 at 3:20 PM

Subject: Re: Re:

To: Shodhganga Inflibnet <shodhganga@inflibnet.ac.in>

Thanks ap ne mje itna waqt Diya.

agar ap ko koi b saqafat k hawaly se novel , afsane mein koi b thesis mile to mujhy send Kar dijiye ga or shodhganga website bohat achi website hay or is se research krne walon k liye kafe help hoti hay or us k sath sath Jab b mail ki mein ne foran reply b Diya Gaya. Dua mein yaad rakhye ga. God bless you

From: Nandita Kapadia <nanditarkapadia@gmail.com>

Date: Fri, Mar 13, 2020 at 11:25 AM

Subject: Re: Request details

To: Shodhganga Inflibnet <shodhganga@inflibnet.ac.in>

Dear Ms Shubuhi,

The paper was written in 1989 but uploaded in 2015.

How was the paper uploaded 25+ years later? Who decided to upload it after so many years? It was only thanks to Shodh Ganga that my aunt found it, as she has been searching for our ancestor (Hargovinddas Kantawala) details for years. We are now looking for this author.

Nandita Kapadia, Managing Editor
+ 91-9892618954 | nanditarkapadia@gmail.com
Mumbai, India

From: neha jain <jainneha2000@yahoo.com >

Date: Sat, Mar 21, 2020 at 7:35 AM

Subject: Re: Help me find thesis which I can use for citation

To: Shodhganga Inflibnet <shodhganga@inflibnet.ac.in >

Hi,

Thanks a lot for your quick response, though I am bit late in saying thank you. I really like both the thesis and loved the fact that such detailed research had been done on ancient India.

I wish more such researches are encouraged and many such Vedic practices could be followed in today's times, world would definitely become a better and safer place.

Regards

Neha

IRINS

From: Satish Munnolli <smunnolli@actrec.gov.in >

Date: Fri, Feb 28, 2020 at 3:23 PM

Subject: Re: Thank you for your participation - reg

To: IRINS <irins@inflibnet.ac.in >

Dear IRINS Team,

Thank you so much for organizing the workshop on IRINS - Adoption and promotion.

It was very interesting and informative and excited to integrate the ACTREC publications on IRINS with an instance.

As mentioned in the session, the ACTREC organogram is complex in nature.

We will revert back to you soon with the details once the authority approves on the proposal.

Once again, congratulations to the IRINS TEAM and eager to join with an instance.

Thanks with regards,

Satish Munnolli, PhD

Librarian & Officer-In-Charge, SCoPE Cell

Advanced Centre for Treatment, Research and Education in Cancer (ACTREC),

Tata Memorial Centre (TMC),

Sector 22, Kharghar,

Navi Mumbai 410210

From: M Ravichanthiran <ravee1172@gmail.com >

Date: Mon, Mar 2, 2020 at 3:42 PM

Subject: IRINS - Instances creation - reg.,

To: <irins@inflibnet.ac.in > , <kannan.p@cup.edu.in >

Sir, I am Dr Ravichandran working as Librarian in Sri Meenakshi Govt. Arts College for Women, Madurai.

I have attended IRINS conference workshop in karaikudi on 8th feb. 2020. It was an impressive programme and you inspired us by your way of teach.

I would like to implement IRINS of our college with your support.

Dr Ravichandran

Librarian

Sri Meenakshi Govt. Arts College for Women,
Madurai - 625 002.

From: Kapil Kumar Gupta <lio.niperr@gmail.com >

Date: Fri, Mar 20, 2020 at 5:16 PM

Subject: Interest to implement IRINS for NIPER Raebareli

To: <irins@inflibnet.ac.in > , <kannan.p@cup.edu.in >

Dear Sir/ Madam

Greetings of the Day!

I have seen different institutes faculty members profile on IRINS portal. It shows their publications, citations and h-index. It is a very good platform to know about the faculty research work and expertise.

I appreciate your team work.

My Institute authority interested to implement IRINS portal for the faculty and scientist of the NIPER Raebareli. Please visit below link to know about NIPER Raebareli.

<http://niperraebareli.edu.in/>

Kindly help and support to implement IRINS portal for NIPER Raebareli.

Thanks with regards

Kapil Kumar Gupta

Library & Information Officer

NIPER Raebareli

Bijnor-Sisendi Raod, Lucknow (UP)

Associate Professor of International Relations

School of Political Science and Public Administration

Shandong University, 72 BinHai Road, Qingdao, Shandong 266237 China,

Email: al.nath@sdu.edu.cn

Website: www.sdu.edu.cn

அழகப்பா பல்கலை.யில் தரமான கற்றல், ஆராய்ச்சிக்கு முக்கியத்துவம்: துணைவேந்தர்

சென்னை, பிப். 8: அழகப்பா பல்கலைக்கழகம் தரமான கற்றல் மற்றும் ஆராய்ச்சியை மேம்படுத்துவதில் எப்போதும் முனைப்படைந்து செயல்பட்டு வருவதாக அங்கு துணைவேந்தர் து.ராஜேந்திரன் குறிப்பிட்டார்.

சாயங்காழி அழகப்பா பல்கலைக்கழக துணைவேந்தர் தகவல் அறிவியல் துறை இயக்குநர் அனாமல் ஆனந்த் இவ்வாய்வு அணியை ஆய்வுவழியில் சார்சியில் சமீகிழைமை நடைபெற்ற கருத்துப் பட்டிணை தொடக்க விழாவில் கலந்துகொண்டார்.



அழகப்பா பல்கலைக்கழகத்தில் சமீகிழைமை நடைபெற்ற கருத்துப் பட்டிணை தொடக்க விழாவில் பேசிய துணைவேந்தர் து.ராஜேந்திரன்.

கொண்டு வரப்பட்டிருக்கிறது. மேலும் ரூபா 2.0 நிதிசேவையில் திட்டத்தில் சீழ் 200 முதலமைச்சர் அலுவலக மானவராக கருத்து மாற்றினால் ரூ. 20 ஆய்வும் ஆவடி உதவித்தொகைகளாக வழங்கப்படுகிறது. இப்பணவரின் ஆய்வுக்கு 1 ஆராய்ச்சிக்கூட்டுணவராக தரமான இயல்பில் வெளிப்படுத்து உட்காரணவராகும்.

ஆரோக்கிய அறிவியல் பல் கழகத்தில் துவக்கி பெறுகிறதாவதுவரை தொடக்க காலநிலைகள் அழகப்பா பல்கலைக்கழக ரூபா இலக்கத்தில் கிடைப்பாளர் கருதியும், மத்திய இலக்கத்தில் துணைவேந்தர் தரமான இயல்பில் வெளிப்படுத்து உட்காரணவராகும்.

இக்கருத்துப் பட்டிணையில் நோக்கம் ஆக்கப்படுவதான கற்றுள்ள தரமான ஆராய்ச்சியை மேற்கொள்ளாமையான கருத்துவாதத்துடன் கூடிய அழகப்பா பல்கலைக்கழகம் தரமான கற்றுள்ள ஆராய்ச்சியை மேம்படுத்தும் தரமான இயல்பில் வெளிப்படுத்துவதற்கு உலகத்தரம் வாய்ந்த 20 பல்கலைக்கழகங்களிலிருந்து 46 பட்டிணைகள் இடம்பெறும் கருத்துப் பட்டிணை தொடக்க விழாவில் கலந்துகொண்டார்.

அண்ணாமலை பல்கலை.யில் பயிலரங்கம்



பல்கலைக்கழக ஆராய்ச்சி தரவு தளத்தை தொடக்கிவைத்த துணைவேந்தர் வே.முருகேசன்.

சிதம்பரம், பிப்.20: அண்ணாமலை பல்கலைக்கழக டாக்டர் அம்பேத்கர் இருக்கை சார்பில், ஆராய்ச்சி வழிமுறை மற்றும் செய்முறை திட்டப் பயிலரங்கம் புதன், வியாழக்கிழமை கனிவ் நடைபெற்றது. விழாவில் டாக்டர் அம்பேத்கர் இருக்கை துணைவேந்தர் பிராசி ரியர் வீராதிசாராணி வரவேற்றார். அண்ணாமலை பல்கலைக்கழகத் துணைவேந்தர் வே.முருகேசன் பயிலரங்கத்தை தொடக்கிவைத்தார்.

வல் வலைதளத்தில் பதிவேற்றம் செய்யப்பட்டுள்ளது. இந்தத் தரவு தளத்தை துணைவேந்தர் வே.முருகேசன் தொடக்கி வைத்தார். பல்கலைக்கழகப் பேராசிரியர்கள் அனைவரும் ஆராய்ச்சிக்கு அனாமல் aiuniversity.irans.org என்ற வலைதளம் மூலம் அறிந்து கொள்ள முடியும். அண்ணாமலை பல்கலைக்கழகத்தில் பல்வேறு துறைகளை சார்ந்த அதிக ஆராய்ச்சிக் கட்டுரைகளை வெளியிட்ட முதல் 10 பேராசிரியர்களுக்கு துணைவேந்தர் வே.முருகேசன் பாராட்டுத்தொகை வழங்கினார். இந்திய மொழிப்பல முதன்மை இன்-இந்திய ஆராய்ச்சி தகவல் விதிருவன்ருவன் வாழ்த்திப் பேசினார். கோவை பாரதியார் பல்கலைக்கழக கணினி பொறி பயன்பாட்டுத் துறைப் பேராசிரியர் வி.புலனேஸ்வரி, அண்ணாமலை பல்கலைக்கழக கணினிப் பொறியியல் துறைப் பேராசிரியர் ஆர்.ரகுபதி ஆகியோர் மாணவர்களுக்கு ஆராய்ச்சிச் செய்முறை பயிற்சியளித்தனர். நூலக அறிவியல் துறைப் பேராசிரியர் கே.விஜயகுமார் ஆராய்ச்சி தொடர்பான ஆலோசனைகளை வழங்கினார். பல்கலைக்கழக நூலகர் எம்.சாதிக் பாட்சா நன்றி கூறினார். விழா ஏற்பாடுகளை டாக்டர் அம்பேத்கர் இருக்கை பேராசிரியர்கள் க.செளந்திரராஜன், வீராதிசாராணி ஆகியோர் செய்திருந்தனர்.

அண்ணாமலை பல்கலைக்கழக நூலகம் சார்பில் ஆசிரியர்களின் ஆராய்ச்சிக் கட்டுரைகளை உள்ளடக்கிய தரவு தளம் தொடங்கிவைத்தார். அண்ணாமலை பல்கலைக்கழக நூலகம் சார்பில் ஆசிரியர்களின் ஆராய்ச்சிக் கட்டுரைகளை உள்ளடக்கிய தரவு தளம் தொடங்கிவைத்தார். அண்ணாமலை பல்கலைக்கழக நூலகம் சார்பில் ஆசிரியர்களின் ஆராய்ச்சிக் கட்டுரைகளை உள்ளடக்கிய தரவு தளம் தொடங்கிவைத்தார்.

அண்ணாமலை பல்கலைக்கழக நூலகம் சார்பில் ஆசிரியர்களின் ஆராய்ச்சிக் கட்டுரைகளை உள்ளடக்கிய தரவு தளம் தொடங்கிவைத்தார். அண்ணாமலை பல்கலைக்கழக நூலகம் சார்பில் ஆசிரியர்களின் ஆராய்ச்சிக் கட்டுரைகளை உள்ளடக்கிய தரவு தளம் தொடங்கிவைத்தார்.

TUESDAY, FEBRUARY 11, 2020

Timings MADURAI

TUESDAY, FEB. 11

RISE	06:38	SET	18:25
RISE	20:37	SET	08:21

WEDNESDAY, FEB. 12

RISE	06:38	SET	18:25
RISE	21:35	SET	09:10

THURSDAY, FEB. 13

RISE	06:38	SET	18:26
RISE	22:30	SET	09:58

Madurai Weather max min

Virudhunagar	34	22
Dindigul	34	22
Madurai	34	22

Madurai Today
 33°C There are chances of a few drops of rain. An easy morning is likely. A cloudy sky is likely.

Madurai Tomorrow
 34°C A comfortable morning is likely. A partly cloudy sky is likely. Night will be pleasant.

Plea to operate They also use

SPECIAL CORRESPONDENT RAMANATHAPURAM
 Members of a fishers' association, affiliated to the Kadaladi block wadi union here on Monday alleged that a major mechanised operator in the district used engines in China, which were banned, but also had horse-power. Submitting a memorandum to Collector K. Raghava Rao here on Monday at the weekly grievance petition at the Collectorate, the members alleged that the mechanised boat fishers in connivance with officials of the fisheries department used higher HP engines. While the government permitted use of 150 hp, these engines are more powerful with 400 hp. Further, the fishers used double net, which is banned in the region by the government. They

Transwoman driver at

SPECIAL CORRESPONDENT THOOTHUKUDI
 A transwoman has been appointed to operate a vehicle that picks up senior citizens and physically challenged persons from the main road to the collectorate here to the collectorate. As the two category petitioners arriving at the collectorate by bus on Monday found it difficult to walk to the meeting hall, where the weekly grievance meeting is conducted, the collectorate has decided to help them.

District-level sports events for CM's Trophy to be held in Virudhunagar

SPECIAL CORRESPONDENT VIRUDHUNAGAR
 District-level sports competitions for Chief Minister's Trophy will be held in Virudhunagar on February 15 and 16. Track events, judo, boxing, badminton, kabbadi, tennis and handball for men and women will be held at District Sports Stadium on February 15. On the same day, basket ball and hockey matches will be played at K.V.S. Higher Secondary school on Madurai Road, a statement said. Swimming competitions for men and women will be held at District Sports Stadium on February 16. Those who were born on or after January 1, 1995 or within 25 year of age can participate in the events. Participants need to produce nativity certificate issued by Tahsildar, proof of age, birth certificate/ SSLC mark certificate should be produced, the statement said. Winners need to show the front page of the account opening in the name of the cash awards.

They should produce photo-identity cards like voter card, voter identification card, driving license, transfer certificate as proof of living in the district for at least five years. Those who participate in the events for their native district or district where they work or where they study should produce bonafide certificate.

INFLIBNET
 in Regional News

Workshop to improve quality of research held at Alagappa University

STAFF REPORTER RAMANATHAPURAM
 Alagappa University in Karaikudi on Monday held a one-day workshop on Indian research and information network by shedding light on available sources. University Vice-Chancellor N. Rajendran said "the root of good teaching is nourished by the soil of good research". The university had provided a stipend of ₹20,000 every month as part of a fellowship to boost research. A total of 46 experts were invited from 20 universities across the world to take part in a movement to design a better curriculum for the university for 2019-2020. "To promote research skills, good quality research books and journals worth ₹1.8 crore have been purchased by the university. With all these provisions, re-



Alagappa University Vice-Chancellor N. Rajendran addressing a one-day workshop on Indian research and information network at Karaikudi on Monday.

that the results found can be used as inputs for policy making purpose," he said. Touching upon the role of librarians in bringing out quality research by enabling supervisors to access a range of resources, H. S. Siddamalliah, librarian, Rajiv Gandhi University of Health Sciences, said the library could play a vital role in providing Shiksha Abhiyan Coordinator of Alagappa University Sanjeev Kumar Singh said the library on the campus was home to a wide range of books and journals, thanks to financial assistance from schemes such as RUSA. Of the 40,000 higher education institutions in the country, only 150, including

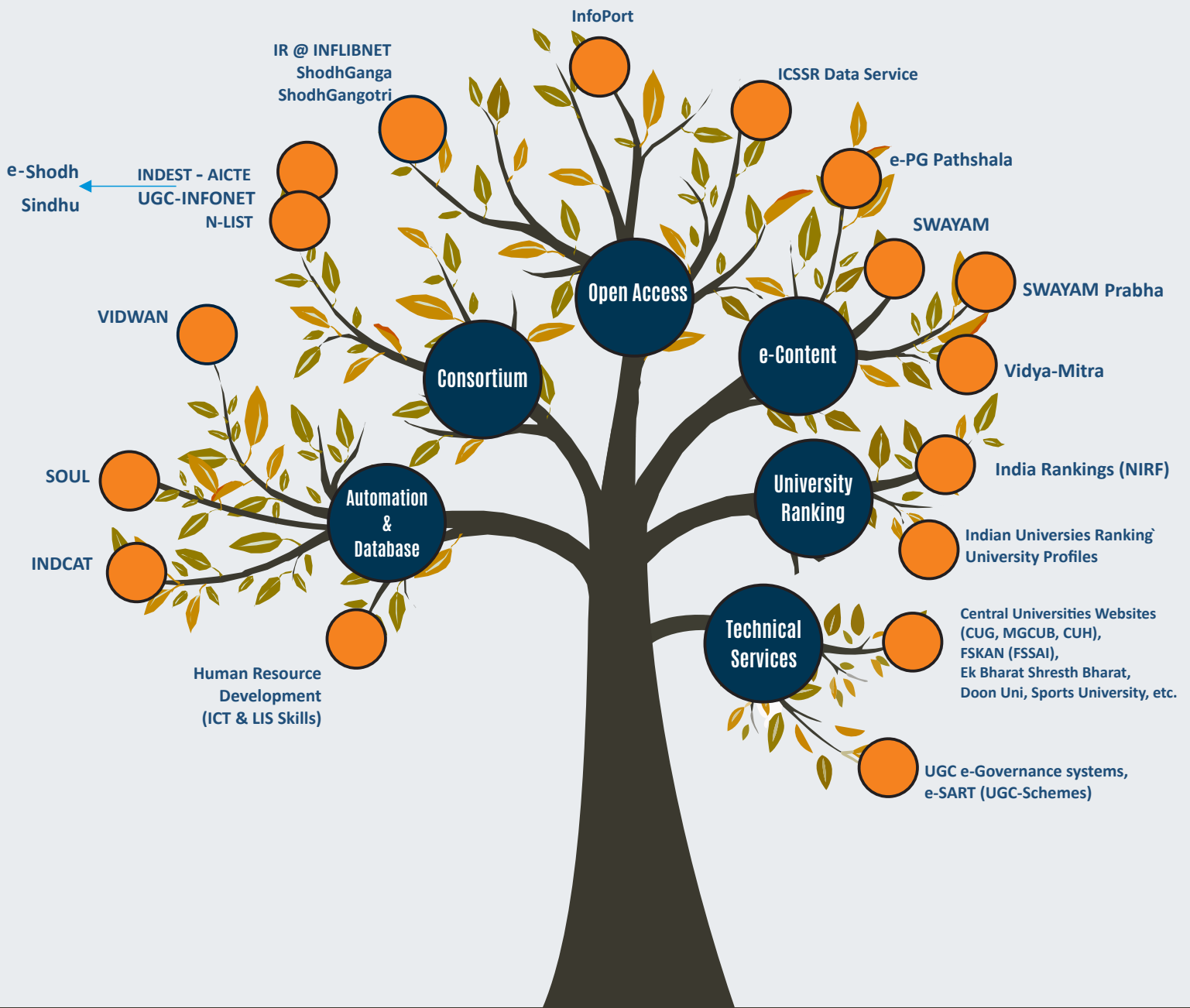
IN BRIEF

Water level
 MADURAI
 Water level in Periyar dam stood at 116.35 feet (permissible level is 142 ft.), with nil inflow and a discharge of 256 cusecs. In Vaigai dam, the level was 50.20 ft. (71 ft.), with nil inflow and a discharge of 60 cusecs. Combined storage in Periyar credit was 3,050 mcf. There was no rainfall recorded in the region in the 24 hours ending at 6 a.m. on Monday.

ENGAGEMENTS

RAJAPALAYAM

P. A. C. Ramasamy Raja Polytechnic College: 57th college day function, Director, National Institute of Technical Teachers' Training and Research, Sudhindra Nath Panda, will distribute prizes, College premises, 6 p.m.



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