



INFLIBNET NEWSLETTER

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Article

India's MOOC Research during 2007-2018 as reflected in Web of Science (WoS): An Analysis

Pallab Pradhan

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IndCat

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

SOUL Helpline

Tel. : +91-79-23268300

VIDWAN

<https://vidwan.inflibnet.ac.in/>

e-ShodhSindhu

<https://ess.inflibnet.ac.in/>

N-LIST (E-resources for College)

<http://nlist.inflibnet.ac.in/>

InfiStats: Usage Statistics Portal for e-Resource

<https://www.inflibnet.ac.in/infistat/>

Indian Research Information Network System

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

e-PG Pathshala

<https://epgp.inflibnet.ac.in/>

Vidya-Mitra: Integrated e-content Portal

<http://vidyamitra.inflibnet.ac.in/>

INFLIBNET's Institutional Repository

<http://ir.inflibnet.ac.in/>

Shodhganga

<http://shodhganga.inflibnet.ac.in/>

ICT Skill Development Programmes

<https://www.inflibnet.ac.in/hrd/>

INFED

<https://parichay.inflibnet.ac.in/>

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निदेशक की कलम से

From Director's Desk



(प्रिय पाठको)

इनफ्लिबनेट सेंटर पूरी तरह से अपनी मौजूदा और कुछ नई गतिविधियों, सेवाओं, और परियोजनाओं के साथ-साथ 12 वीं अंतर्राष्ट्रीय कैलिबर 2019 के संगठन के लिए कर्लिंगा इंस्टीट्यूट ऑफ इंडस्ट्रियल टेक्नोलॉजी विश्वविद्यालय, भुवनेश्वर में प्रमुख जिम्मेदारी के साथ लगा हुआ था। नेशनल इंस्टीट्यूशनल रैंकिंग फ्रेमवर्क (एनआईआरएफ) के तहत भारत रैंकिंग 2020 और ए.आर.आई.आई.ए. 2020 से संबंधित कार्य भी शुरू हुए।

इनफ्लिबनेट सेंटर, गांधीनगर और कर्लिंगा इंस्टीट्यूट ऑफ इंडस्ट्रियल टेक्नोलॉजी विश्वविद्यालय, भुवनेश्वर ने साथ मिलकर 12 वीं अंतर्राष्ट्रीय कैलिबर 2019 का आयोजन 28 से 30 नवंबर, 2019 के दौरान किया। कैलिबर 2019 का मुख्य विषय था “पुस्तकालय 2030 : स्मार्ट टेक्नोलॉजी, सेवाएँ और संसाधन की ओर बढ़ते हुए। इसके अलावा, मुख्य विषय को चार उप-विषयों में विभाजित किया गया था, अर्थात् लाइब्रेरी के लिए अत्याधुनिक प्रौद्योगिकी; अगली पीढ़ी की पुस्तकालय सेवाएँ; और पुस्तकालय 2030 के लिए अनुसंधान और सर्वोत्तम प्रथाओं, सेवाओं और चुनौतियों के आकलन में संसाधन और क्षमता निर्माण। सम्मेलन में भारत के विभिन्न क्षेत्रों से 350 से अधिक प्रतिनिधियों की उपस्थिति के साथ-साथ अन्य देशों के अंतर्राष्ट्रीय आमंत्रित वक्ताओं ने भाग लिया, जिसमें 21 प्रकाशक शामिल थे जिन्होंने सम्मेलन के भाग के रूप में आयोजित प्रदर्शनी में भाग लिया। सम्मेलन की कार्यवाही में 95 शोध लेखों में से 42 शोध लेख, 4 उप-विषय पेपर और 17 सार प्रस्तुति प्रकाशित किए गए थे और प्रस्तुति के लिए चुना गया था। पूर्व प्रोफेसर करसिदप्पा, पुस्तकालय और सूचना विज्ञान विभाग, कर्नाटक विश्वविद्यालय, धारवाड़ सम्मेलन के निदेशक थे।

रिपोर्ट के अवधि के दौरान, इनफ्लिबनेट सेंटर में क्रमशः 14-19 अक्टूबर, 2019 और 2-7 दिसंबर, 2019 के दौरान दो सोल 2.0 प्रशिक्षण कार्यक्रम तथा शोधगंगा और साहित्यिक चोरी पर तीन दिवसीय उन्नत प्रशिक्षण कार्यक्रम 11-13 दिसंबर 2019 को आयोजित किए गए थे। 06 दिसंबर 2019 के दिन इनफ्लिबनेट सेंटर के परिसर में देवी सरस्वती पूजा की गई तथा देवी सरस्वती की नई मूर्ति स्थापित की गई।

न्यूजलैटर के इस अंक में “भारत का मूक (मैसिव ऑनलाइन ओपन कोर्स) रिसर्च 2007-2018 के दौरान वेब ऑफ साइंस में परिलक्षित: एक विश्लेषण” के नामक एक महत्वपूर्ण लेख शामिल है। मुझे यकीन है कि पाठक इस लेख के माध्यम से संवादपत्र पढ़ने का आनंद लेंगे।

Dear Readers

The Centre was fully occupied with its existing and few new activities, services, and projects along with the major responsibility for the organization of the 12th International CALIBER- 2019 at KIIT University, Bhubaneswar. The work-related to India Rankings 2020 under National Institutional Ranking Framework (NIRF), and ARIIA 2020 started during the period under report.

The 12th International CALIBER 2019 was organized by INFLIBNET Centre, Gandhinagar in collaboration with KIIT University, Bhubaneswar at KIIT University, Bhubaneswar from 28th to 30th November 2019. The main theme of the CALIBER 2019 was “Library 2030: Moving Towards Smart Technologies, Services and Resources”. Further, the main theme was divided into four sub-themes, i.e. Cutting Edge Technologies for Library; Next Generation Library Services; and Resources and Capacity Building in the Assessment of Research and Best Practices, Services and Challenges for Library 2030. The Convention was a huge success with more than 350 delegates from different corner of India along with international invited speakers from other countries attended and participated including 21 publishers who took part in the exhibition arranged as part of the Convention. The proceedings of the convention published 42 papers and 4 theme papers were selected for presentation and 17 papers were selected for poster presentations out of 95 submissions. Prof. Karisiddappa, Former Professor, Department of Library and Information Science, Karnatak University, Dharwad was the Conference Director for the convention.

During the period under report, the Centre organized two SOUL 2.0 Training Programmes at the Centre during 14th-19th October 2019 and 2nd - 7th December 2019 respectively. At three-day Advanced Training Programme on Shodhganga and Plagiarism was organized during 11th - 13th December 2019 at INFLIBNET Centre, Gandhinagar. On 06th December 2019, Goddess Saraswati Pooja was performed, followed by the installation of the new idol of Goddess Saraswati in the lawns of the Centre happened.

This issue of the Newsletter includes a feature article entitled “India's MOOC Research during 2007-2018 as reflected in Web of Science (WoS): An Analysis”. I am sure that the readers would enjoy going through this article and the Newsletter.

(J P Singh Joorel)

Training Programme on SOUL 2.0, INFLIBNET Centre, Gandhinagar

The INFLIBNET Centre regularly conducts SOUL 2.0 Training Programmes to impart training on installation and operation of SOUL software for its users. The following two training programmes were organised at the INFLIBNET Centre,

Gandhinagar during this quarter. These programmes were coordinated by Dr. H G Hosamani, Scientist D (LS), INFLIBNET Centre. 23 participants attended these two training programmes as per the details given below:

Sl. No	Name of the Programme	Date of the Programme	No. of Participants
1	151 st Training Programme on SOUL 2.0	14 th – 19 th October 2019	14
2	152 nd Training Programme on SOUL 2.0	02 nd – 07 th December 2019	09



Participants of the 151st Training Programme on SOUL 2.0 with the Director and Technical Staff of the INFLIBNET Centre



Participants of the 152nd Training Programme on SOUL 2.0 with the Director and Technical Staff of the INFLIBNET Centre

Specialized Training Programmes/National Workshops/ International Conferences

Three-day Advanced Training Programme on Shodhganga and Plagiarism, INFLIBNET Centre, Gandhinagar, 11th - 13th December 2019



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

Three-day Advanced Training Programme on Shodhganga and Plagiarism was organized during 11th - 13th December 2019 at INFLIBNET Centre, Gandhinagar. Mr Manoj Kumar K, Scientist E (CS) and Mrs. Suboohi Siddiqui, Scientist B (LS) coordinated the Workshop. Prof J P Singh Joorel, Director, INFLIBNET Centre inaugurated the Workshop. The aim of this workshop was to provide extensive theoretical and practical training

related to managing and uploading Theses into Shodhganga and also about Plagiarism issues, research ethics and academic honesty, introduction to ShodhShuddhi, i.e. Plagiarism Detection Software (PDS) and hands-on in URKUND software, etc. 43 participants attended the workshop from 15 States. Details of lectures delivered by the staff of INFLIBNET Centre during the training programme are as follows:

Topics	Name of the Experts
1. An Overview of INFLIBNET activities and Introduction to Shodhganga/Shodhgangotri/ Introduction to ShodhShuddhi and Plagiarism Detection Software	Mr. Manoj Kumar K, Scientist E (CS)
2. UGC Guidelines and Responsibilities of INFLIBNET/University	

3. Introduction to ShodhShuddhi/Plagiarism Detection Software (PDS) Anti-Plagiarism Tools and Services	
ETD Programs/Projects at National/International Level: An Overview	Dr. Lalitha Poluru, Head & Librarian, NID, Gandhinagar
Introduction to DSpace and Building IR	Mr. Swapnil Patel, Scientist C (CS), INFLIBNET
Subject Classification: Some features	Dr. Miteshkumar Pandya, Scientist C(LS), INFLIBNET Centre
Introduction to Library Standards, Metadata and Dublin Core	Mr. Dinesh Pradhan, Scientist C (LS), INFLIBNET
1. Theses Submission in Shodhganga 2. Roles and Privileges of University Coordinators in Shodhganga 3. Theses Search Browse and Download	Mrs. Suboochi S, Scientist B(LS), INFLIBNET Centre
Hands on Practice	Shodhganga Team

12th International CALIBER 2019

The 12th International CALIBER 2019 was organized by INFLIBNET Centre, Gandhinagar in collaboration with KIIT University, Bhubaneswar at KIIT University, Bhubaneswar from 28th to 30th November, 2019. The main theme of the CALIBER 2019 was "Library 2030: Moving Towards Smart Technologies, Services and Resources". Further, the main theme was divided into four sub-themes, i.e. Cutting Edge Technologies for Library; Next Generation Library Services; and Resources and Capacity Building in the Assessment of Research and Best Practices, Services and Challenges for Library 2030. 21 publishers participated in the exhibition arranged as part of the Convention. More than 350 delegates from different corner of India along with international invited speakers from other countries attended and participated in the convention. Out of 95 submissions, 42 papers and 4 theme papers were selected for presentation

and 17 papers were selected for poster presentations.

Inaugural Session

The inauguration of the 12th International CALIBER- 2019 started by inviting the dignitaries on the Dias namely Dr Arun Kumar Sahoo, Minister Higher Education, Orissa; Prof Ashok Das, Vice Chair Person, Higher Education Council, Govt of Orissa; Prof T D Kamparaju Vice-Chancellor, North Bengaluru University; Prof J P Singh Joorel, Director INFLIBNET Centre; Prof C R Karsiddappa, Conference Director; Dr Sushmita Samanta, Pro-Vice Chancellor, KIIT University, Bhubaneswar; Dr Vijayalakshmi Routray, Organizing Secretary and Librarian, Central Library KIIT; and Dr H G Hosamani, Conference Convener and Scientist D (LS), INFLIBNET Centre with the lighting of the ceremonial lamp in the presence of invited guests,



Dignitaries on the Dias during the inauguration session of 12th International CALIBER 2019 at KIIT University, Bhubaneswar

delegates coming from various states of India and abroad.

After felicitation of dignitaries, the Souvenir and Conference proceedings were released by the Hon'ble Minister of Higher Education Orissa Dr Arun Kumar Sahoo.

Dr Bijayalaxmi Routary, Organizing Secretary gave the welcome address and highlighted on the organization of 12th International CALIBER 2019 at KIIT Bhubaneswar.

Prof J P Singh Joorel discussed the activities of the INFLIBNET Centre in detail starting with the centre's objectives and lamented that the Centre is working day and night with the limited existing staffs very successfully. He highlighted specially on college and university library automation, union catalogue, IndCat, database of books, journals, thesis, SOUL, proposed window based SOUL (coming soon), scholarly resources, open access facility, open software, open access initiatives, ShodhGanga, ShodhGangotri, IR, DSpace,

plagiarism software (PDS), scholarly network projects (i.e. Vidwan, IRINS) funded by MHRD, Urkund (free of cost), content creation and e-Learning project, e-PG Pathsala, Vidya-mitra, e-content projects, technical partner, MOOCS, SWAYAM PRABHA, NIRF (MHRD project), Atal ranking, helping NAAC, e-Governance project for govts and many schemes of MHRD, ESS project, HRD training, Regional training and many more. At the end he pointed out on "Ek Bharat and Swastha Bharat" also.

Dr Sushmita Samanta said that information has taken the responsibility of knowledge and challenge to show light of knowledge. According to her everyday new techniques are coming and LIS is not an isolated subject. It is a multidisciplinary subject where the information science integrated program should be designed and LIS should be given preference. She also highlighted the INFLIBNET's initiative towards the development of libraries. At the end she advocated that the library science be substituted by Digital Science.

Prof Ashok Das discussed on knowledge repositories, societal diversity and classic text books which carry knowledge, textbooks and reference books in detail. He further pointed out that journals are the major issues, suggested to make a digital suitcase, portal for textbooks and reference books, MOOC, IndCat. Prof Das suggested that INFLIBNET Centre can think of Digital Repository in Orissa; libraries used to be as temple and future of library should be places of comfort. At the end he highlighted on artificial intelligence, big data mining, kindle; and mentioned about Parida Library, Kanika Library of Orissa. He completed his deliberation by saying Libraries are the foundation of society.

Prof T D Kemparaju, Vice-Chancellor, Bengaluru North University, said in his keynote speech that this is a leading event in the field of libraries and librarians. It is the age of change and transformation and the change is very fast and steady. Libraries are not out of the purview of change. Many new aspects have been explored by using information technology in the field of libraries. The librarians and library professionals should be acquainted with the new technologies. They should be familiar with computers and artificial tools in the field. He also highlighted on the various issues related to LIS, advancement in technologies, smart technology, digital library, free access to information, next generation library resources, google, utilization of digital resources new education policy, etc. in detail.

Prof C R Karisiddappa, the Conference Director spoke on the occasion and pointed out that computers have given opportunities to LIS professionals to prosper in a new direction. The themes of the convention are stimulating the emerging professionals. He also mentioned on the

cutting edge technologies for libraries, capacity building, enrichment programme, INFLIBNET role in capacity development, etc. in detail.

Dr Arun Kumar Sahoo, Hon'ble Minister, Higher Education, Agriculture and Farmer's Empowerment, Fishries and Animal Resources Development, Govt. of Odisha pointed out that libraries should be accessible to everyone and everywhere. Awareness about access to libraries should be created among young people. He said now change is very fast and motivation of people to use knowledge, to acquire knowledge is visible in the changing world. According to him library is the biggest place for research.

Dr H G Hosamani, Convener, CALIBER 2019 proposed the vote of thanks. During his deliberation, Dr Hosamani pointed out about the library multidisciplinary, marketing, leadership skill, technology skill, awareness to users, professional skills, and also highlighted on major skills required for librarians, management support, and smart technology. At the end he said Library is a Learning Temple. The first day of the convention ended with beautiful cultural evening performed by the students of KISS and KITT. The performances of tribal students of KISS were the centre of attraction for all. Various forms of tribal dances and songs were performed by the budding students of the university.

Tutorials

Convention tutorials were delivered on IRINS by Mr. Kannan P, Dy Librarian, Central University of Punjab; SWAYAM by Mr. Abhishek Kumar Scientist D (CS), INFLIBNET Centre; ShodhSuddhi by Mr. Manoj Kumar K., Scientist E (CS), INFLIBNET Centre.



Participants of the Convention

Technical Sessions

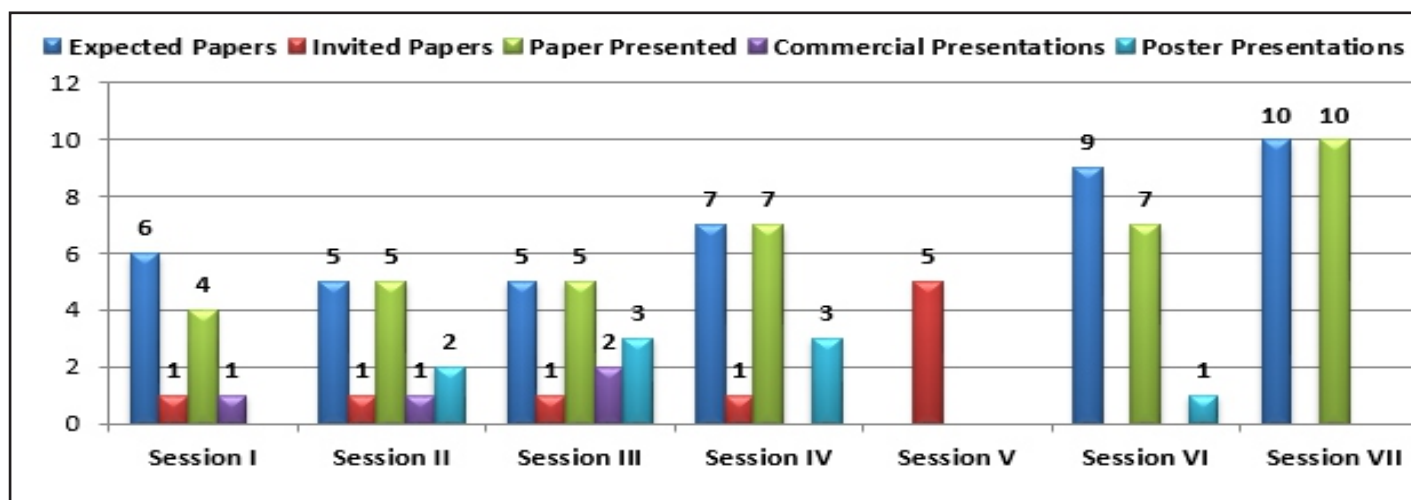
The presentations in the Convention were organized into the following 7 technical sessions, wherein 38 presentations were made including

presentations on the theme papers. 4 commercial product presentations were made by their respective representatives:

Session	Theme of the Session	Chair/ Co-Chair	Invited Speaker
I	Cutting Edge Technologies for Library-I	Dr. D V Singh, Former University Librarian, Delhi University, Delhi/ Dr. D K Singh, Librarian, Banaras Hindu University, Varanasi	Dr. Pijushkanti Panigrahi, Professor, DLIS, University of Calcutta, Kolkata
II	Cutting Edge Technologies for Library-II	Dr. Krishnamoorthy, Director, Library, Anna University, Chennai/ Dr. Nru Singha Das, Silicon Institute of Technology, Bhubneswar	Prof Muttayya M Koganuramath, Former Professor, Central University of Gujarat, Gandhinagar
III	Next Generation Library Services-I	Prof Sangita Gupta, Professor & Head, University of Jammu, Jammu, Jammu and Kashmir/ Dr. R K Maheswari	Prof. P. V. Konnur, President, LIS Academy, Bengaluru
IV	Next Generation Library Services-II	Dr. Mayank Trivedi, Librarian, The M S University of Baroda, Vadodara/ Dr Sushitra Pradhan, Sr. Librarian KIIT	Prof. Dinesh K Gupta, University of Kota

Session	Theme of the Session	Chair/ Co-Chair	Invited Speaker
V	Resources and Capacity Building-I	Prof. Ravinder Kumar Chadha, Professor, LIS and Research, Malwanchal University, Indore	Prof. Ravinder Kumar Chadha , Professor, LIS and Research, Malwanchal University;
VI	Resources and Capacity Building- II (Parallel Session)	Prof. BuluMoharana, Professor, Sambalpur University, Sambalpur/ Dinesh Pradhan, Scientist- C (LS), INFLIBNET Centre, Gandhinagar & Dr Vikram Sarma, Librarian, Manav Rachna University, Faridabad	Prof. Ashwini A. Vaishnav , Professor and Head, DLIS, Dr. Babasaheb Ambedkar Marathwada University (BAMU), Aurangabad; Dr. Gina de Alwis , Former Head of the Library, Singapore Institute of Management, Singapore;
VII	Resources and Capacity Building- III (Parallel Session)	Dr. Sunil Kumar Satpathy, NIT Raipur/ Abhishek Kumar Scientist D (CS), INFLIBNET Centre, Gandhinagar	Dr. Akhtar Parvez , University Librarian, Maulana Azad National Urdu University, Hyderabad; Prof. A. S. Chandel , University Librarian, Central Library, Sikkim University, Gangtok

Session-wise Break up of Research and Commercial Presentations



Panel Discussion

The moderator along with all the panellists was introduced by Prof C R Karisiddappa to the august delegates attending the 12th International CALIBER 2019. The entire sessions were moderated by Prof Pushpanjali Jena on the various themes and

subthemes of the convention. The first panellist Prof Varlaxmi, Former Professor and Head, DLIS, Andhra University discussed on capacity building in detail. The next panellist Dr K P Singh, Associate Professor, University of Delhi spoke on the information literacy. Prof Pravakar Rath, Professor,

DLIS, Mizoram University, Aizwal highlighted the e-Resource management in modern libraries. Mr. Manoj Kumar K, Scientist E (CS), INFLIBNET Centre, Gandhinagar discussed on the cutting edge

technologies for libraries in detail. The last panellist Dr R K Mahapatra, Associate Professor, DLIS, Tripura University talked on the next generation users' services.



Dignitaries on the Dias during the Valedictory Session of 12th International CALIBER 2019 at KIIT University, Bhubaneswar

Valedictory Session

The concluding session of the 12th International CALIBER 2019 was started with the presentation of bouquets to the invited guests and dignitaries on the podium. The welcome address of the valedictory ceremony was delivered by Mr. Swapnil Patel, Jt-Convenor which was followed by the Rapporteur General's brief Report on the deliberations and happenings of the last three days by Prof Sanjay Kumar Singh, Professor and Head, DLISc, Gauhati University, Guwahati. Prof C R Karisiddappa, Conference Director, Prof J P Singh Joorel, Director, INFLIBNET Centre Gandhinagar and Prof Hrushikesh Mohanty, Vice-Chancellor, KIIT Deemed to be University, Bhubneswar also spoke on the occasion and presented their views on

the various activities took place during three day conventions at Kalinga Institute of Industrial Technology (KIIT). In between the guests were felicitated by the organizing committee of the convention. Prof Rajnish Jain, Secretary & CVO, UGC, New Delhi addressed the gatherings. Prof Jain highlighted on the changing trends of higher education in India. He said that education is for all rather quality education for all and pointed out the tangible outcomes. He also explored some of the important points like teacher centric education to student centric education, quality research in higher education, CARE list of journals, libraries are changing, libraries have expanded, and libraries are not confined to one particular building rather going to villages, town, city or any places. The roles of librarians are also changing. Libraries are the

place for the creation of knowledge, dissemination of knowledge and knowledge facilitation. He also stressed on the need to understand the journey of life of a student. Dr Dilip K Swain, Librarian, KIIT Deemed to be University, Bhubaneswar presented extended the vote of thanks to one and all who were directly or indirectly associated with the CALIBER 2019 at the end of the convention.

Recommendations

1. Revamping and Strengthening of Library Automation in college and universities using SOUL Web enabled Software having all the required features.
2. Smart Libraries in each state under the guidance of INFLIBNET Centre.
3. Cloud based services should be strengthened in colleges and universities.
4. Capacity Building Training Programme should be conducted at different places in India in phase manner.
5. Strengthen the ESS service covering all the universities. Single Licensing Policy for e-Consortium after evaluation of various components of the consortia.
6. Evaluation of Resources provided by the INFLIBNET Centre to the colleges and universities should be carried out at least once in two years.
7. Application of Artificial intelligence
8. IndCat service should be extended to all states of India by including the valuable documents from all the states.
9. Proceedings of CALIBER and PLANNER should be endorsed in the UGC Care list of journals or Scopus or Web of Science.
10. INFLIBNET may support the well-equipped LIS Departments in Indian Universities to offer periodical programmes in capacity building/skill development.
11. INFLIBNET should develop the integrated Library Apps with social media in a modular system.
12. IndCat, ShodhSuddhi and IARDR (Indian Academic Research Data Repository) should be mapped to each other by the INFLIBNET Centre for creation of Research Data Repository of Universities in India.

Current Status of INFLIBNET Projects

Shodhganga

The Shodhganga repository has grown into a formidable size of 2,48,000+ 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 422

Universities throughout India set-up by the INFLIBNET Centre, an IUC of UGC, Min. of HRD, Govt. of India. Universities are encouraged to sign an MoU with INFLIBNET Centre for joining Shodhganga as a result, 498+, universities came forward to sign the MoU and contribute to the repository.

Plagiarism Detection Software (URKUND) under ShodhSuddhi. An Initiative of MHRD, Govt of India

The MHRD through its initiative ShodhSuddhi provides access to Plagiarism Detection Software (URKUND) to all universities including Central, State, Deemed and Private 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. Sept 01, 2019. This program is being executed by INFLIBNET Centre

Gandhinagar. The Plagiarism Detection Software, i.e. URKUND has been selected based on Global Tender Process. The access to this online software system is based on User ID and Password. The software has been implemented in all identified 1024 Universities/Institutions by creating a User ID and Password for University Coordinator (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 implementations are given below:

PDS (URKUND-status as on 31-12-2019)

University Type	No. of Universities	No. of documents submitted	No. of users (Receivers)
Central Open University	1	746	578
Central University	49	17722	6748
Deemed University-Government	36	1237	837
Deemed University-Government Aided	10	2416	465
Deemed University-Private	80	14111	8995
Institute of National Importance (CFTI)	133	7508	10818
Institute under State Legislature Act	5	19	97
IUCs of UGC	9	608	151
State Open University	14	538	247
State Private Open University	1	0	0
State Private University	320	18651	12781
State Public University	366	115649	29727
Total	1024	179205	71444

INFLIBNET as Anchor Institute for SWAYAM MOOC on Research Ethics

INFLIBNET Centre was the anchor Institute for SWAYAM MOOC for credit course on Research

Ethics along with the host institute i.e. Central University of Himachal Pradesh based MoU signed between INFLIBNET Centre and CUHP. Sh. Manoj Kumar K, Scientist-E (CS) was the Course Coordinator and Dr. Miteshkumar Pandya, Dr.

Kruti Trivedi, Mr. Dinesh Pradhan, and Mrs. Suboohi S were the Content Writers along with various experts drawn from other institutes which as NBA, IGNOU, Gujarat University, Goa University, Osmania University, Hyderabad MGR Institute of Medical Science, Chettinad Academy of Research Education, Chennai and Kadi Vishawavidyalaya etc.

There were 2295 learners enrolled in the course, 183 learners have registered for a proctored examination conducted by NTA (National Testing Agency). The course is listed in Top-50 MOOC courses out of 243 courses offered by SWAYAM in terms of enrollment and 17th out of 43 courses offered by UGC which is responsible for non-technical post-graduation education. 160 learners, who have written examination conducted by NTA, 94.4% have cleared both proctored exams as well as internal assessment with an average 61.4%. The students who have failed, have not gone through the MOOC videos systematically. The internal assessment mark is compiled by taking the average of all MCQs and number of modules attended by the students. This reflects the amount of time a

student spent on each module and this model is forwarded to UGC for better precision.

UGC has already issued the UGC (Credit Framework for online learning courses through SWAYAM) Regulation 2016 advising the Universities to identify courses where credits can be transferred on to the academic record of the students for courses done on SWAYAM. AICTE has also put out a gazette notification in 2016 and subsequently for adoption of these courses for credit transfer. Many students who received a certificate opted for credit transfer under the scheme. The current SWAYAM platform is developed by the Ministry of Human Resource Development (MHRD) and NPTEL, IIT Madras with the help of Google Inc. and Persistent Systems Ltd. The courses hosted on SWAYAM are in 4 quadrants – (1) video lecture, (2) specially prepared reading material that can be downloaded/printed (3) self-assessment tests through tests and quizzes and (4) an online discussion forum for clearing the doubts. Steps have been taken to enrich the learning experience by using audio-video and multi-media and state of the art pedagogy / technology.

New Projects @ INFLIBNET Centre

Recruitment System for Children University

The INFLIBNET Centre was given a project on developing a web-based application for Recruitment system for Children University, Gandhinagar.

Recruitment System for Sardar Patel University

The INFLIBNET Centre was given a project on developing a web-based application for

Recruitment system for Sardar Patel University, Vallabh Vidyanagar.

Online Payment System for Association of Indian Universities (AIU)

The INFLIBNET Centre was given a project on developing a web-based application for Online Payment system for Association of Indian Universities, Delhi.

Other Notable Activities and Events

Navratri@INFLIBNET Centre

The INFLIBNET Centre celebrated Garba festival with great enthusiasm. The Garba night was organized for its employees and their families on 4th October 2019. The function started with the Durga Puja and everyone from the campus, staff member and their families participated. The employees and

their families turned out in their best traditional attire. 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 the ceremonial dinner.



Goddess SARASWATI Idol Installation@INFLIBNET Centre

Prof J P Singh Joorel, Director, INFLIBNET Centre with other Senior Scientists and Administrative Staff performed Goddess Saraswati Pooja followed

by the installation of the new idol of Goddess Saraswati in the lawns of the Centre on 06th December 2019.



India's MOOC Research during 2007-2018 as reflected in Web of Science (WoS): An Analysis

Pallab Pradhan, Scientist-B (Library Science)

The Massive Open Online Course (MOOC) has been gaining exponential attention worldwide since its emergence. It is being considered as the best ever innovation in education system. This paper attempts to study the publication trends of research on MOOCs, especially published from India during 2007-2018 indexed in Web of Science, their research visualization network by using co-word analysis, top authors' contribution, and cross country collaboration. Further, it highlights the world-wide publication trends of research on MOOCs, countries' contributions, and focused research areas. There were a total of 4294 documents published worldwide based on or related to MOOCs research indexed in WoS as on the searching date of 01st November 2019. A total of 155 publications were retrieved from Web of Science Core Collection database limited to only internal indexes such as: SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, and CCR-EXPANDED for this study considering all types of documents published from India. It was found out that most of India's MOOC research is from Computer Science background focused on MOOC development, e-learning, machine learning, etc. Researchers from countries like USA, Australia and Japan were the top collaborators with Indian researchers. The keywords analysis, top-authors, and countries collaboration have been explored using Bibliometrix package and VOSviewer tool.

Keywords: Massive Open Online Course; MOOC; Keywords Analysis; Collaboration Networks; and India

Introduction

Currently, the Massive Open Online Course (MOOC) is the global buzz word in the education system. The term MOOC was coined in 2008 by Dave Cormier of the University of Prince Edward Island in response to a course called Connectivism and Connective Knowledge (also known as CCK08). CCK08, which was led by George Siemens of Athabasca University and Stephen Downes of the National Research Council, consisted of 25 tuition-paying students in Extended Education at the University of Manitoba, as well as

over 2200 online students from the general public who paid nothing. All course content was available through RSS feeds, and online students could participate through collaborative tools, including blog posts, threaded discussions in Moodle, and Second Life meetings (https://en.wikipedia.org/wiki/Massive_open_online_course).

Though, India was little slow in catching up the MOOC phenomenon in early stages, it has its own share now in MOOCs. Considering its popularity, the Indian Higher Educational Institutions are

coming up with their own MOOCs, and also the Government of India is taking many major initiatives in this regard. Few notable MOOCs in India are: NPTEL (National Program on Technology Enhanced Learning), IITBombayX, MooKIT, and SWAYAM (Study Webs of Active-Learning for Young Aspiring), etc.

This paper presents a detailed analysis study of India's MOOC research during 2007-2018. An attempt has been made to analyse and explore the publication trends, countries' contribution, top Indian authors on MOOCs, most focused research areas by keywords analysis, and at last the international collaboration is calculated.

2. Related Works

In the context of this study, review of literature was done at first as a part the research methodology for this paper. (Sadon et al., 2014) identified 164 papers from Google Scholar, IEEEExplore, Scopus, Elsevier Science Direct, CiteSeerX, Springer Link, and Wiley InterScience published during January 2008 to July 2014 from Higher Educational Institutes (HEIs), and analysed the research trends, issues and stances on MOOC were identified. (Bozkurt et al., 2016) analysed 51 nos. of theses and dissertations related to MOOCs published between 2008 and 2015, gathered through a comprehensive search in multiple academic databases. They identified the research trends from these academic documents of theses and dissertations. (Cabero-Almenara et al., 2017) conducted a study using Social Sciences peer review open journal publications for five years (2011-2016) which were indexed in databases like JCR, Scimago Journal-SCOPUS, and Sello Fecyt.

From their quantitative study, they suggested a total 21 areas concerning MOOCs. (Arya, 2017) explored the rise of MOOCs in India with the objective to find out the year wise extent of occurrence of the selected keywords in the google database. For his study, he performed a search in huge google database with the following power commands, i.e. online courses OR online course, MOOC OR massive open online courses OR "massive open online course, open courseware OR OCW OR OCWs, online education, video lecture or video lectures by clamping a 03 years filter (2012-2014). From his study, it was revealed from Google's complete database (world) search that online course ranked first, followed by OCWs, online education, MOOC, and video lectures respectively. (Li, 2018) conducted a study based on 627 published articles as valid data set collected from CSSCI and SCI databases' during 1994-2018. He described the dynamic of the MOOC research field, and forecasted for the future MOOC research by using co-word analysis and social network analysis and build the China's MOOC research visualization network map.

3. Objectives

Some of the main objectives of this study are:

- To measure the world-wide research publications trends, and especially on India's MOOC research,
- To provide descriptive statistics of India's MOOC Research,
- To find out the top Indian authors doing research on MOOC,

- To discover the most focused research topics by analysing the keywords, and
- To explore the international collaboration network of Indian MOOC researchers.

4. Methodology

4.1 Sources of Data

The "Web of Science Core Collection" from Clarivate Analytics was used to obtain the publications data on MOOC research for the study period of 2007-2018. Data from all the indexes of Web of Science Core Collection, i.e. SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, and CCR-EXPANDED was considered for this study.

4.2 Data Collection

The study is limited to the research publications focused on or related to research on MOOC published globally, especially from India during 2007-2018 indexed in Web of Science Core Collection, further limited to only indexes as mentioned above. A total of 4294 published documents were indexed in Web of Science published globally during the study period of 2007-2018, and 155 documents were published from India. The data was collected on 01st November 2019 / Friday. All types of published documents were considered for this study. The following advanced search query was used to extract the data from the WoS database:

(TI=("Massive Open Online Courses" OR "MOOCs" OR "Massive Open Online Course" OR "MOOC") OR TS=("Massive Open Online Courses" OR "MOOCs" OR "Massive Open

Online Course" OR "MOOC") AND PY=(2006-2018)) AND CU=(INDIA)

Indexes= SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, and CCR-EXPANDED

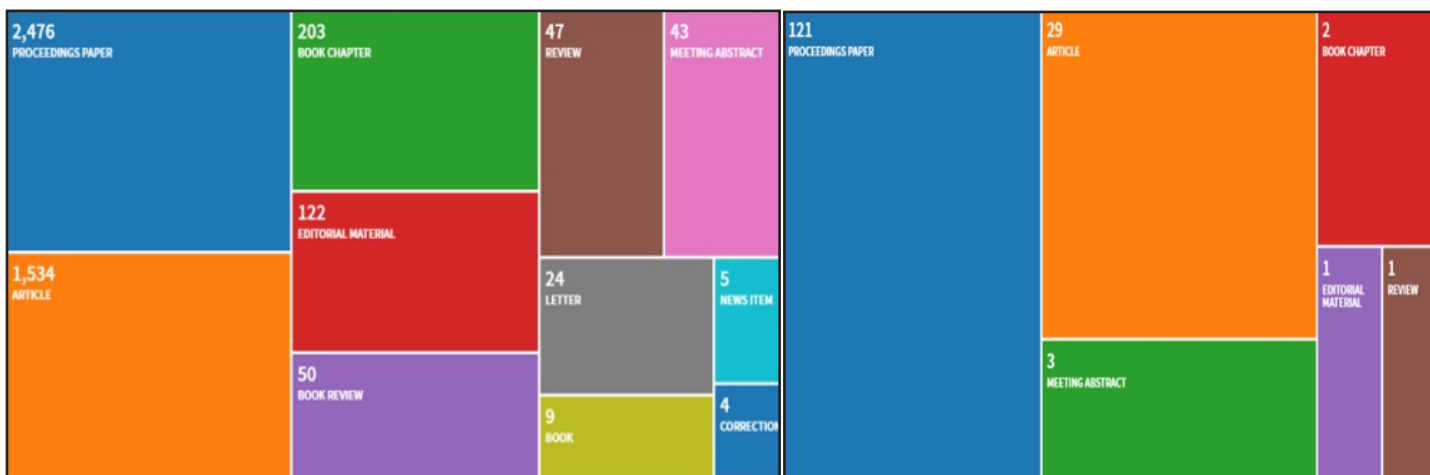
4.3 Data Analysis

Along with the WoS in-built analytics tool, the "Bibliometrix" R package was used to perform different kinds of quantitative analysis on the collected data. Further, the VOSviewer tool was used to visualise the keywords and international collaboration networks.

5. Findings and Discussions

5.1. Document Types

It was found that out of total 4294 documents published globally on research on MOOC, 2,476 (57.662 %) were proceedings paper, and 1,534 (35.724 %) were articles. The Graph-1 shows the types of documents published world-wide, and the Graph-2 shows the types of documents published from India during the study period. And, out of 155 Indian documents published during the period, 121 documents which constitutes (78.065%) were proceedings paper, followed by 29 articles (18.710 %).



Graph-1: Document Types (World)

Graph-2: Document Types (India)

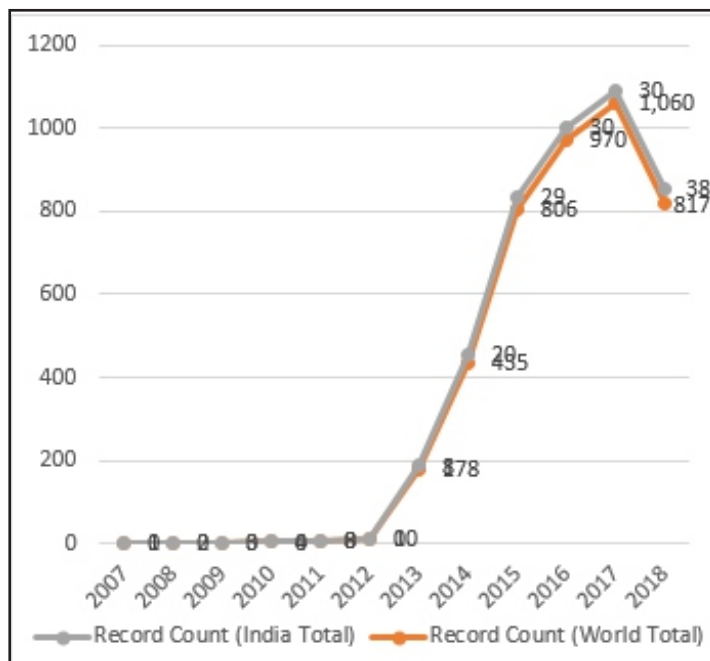
5.2. Publication Trends

The Table-1 shows the year-wise documents published world-wide along with India during the study period. The India's MOOC research

publications was first published in 2013, and it's on an increasing path since then. Graph-1 shows the publication trends of research on MOOCs published world-wide along with India.

Pub. Years	Record Count (World Total)	% of 4,294 (World Total)	Record Count (India Total)	% of 155 (India Total)
2007	1	0.02%	0	0.00%
2008	2	0.05%	0	0.00%
2009	3	0.07%	0	0.00%
2010	4	0.09%	0	0.00%
2011	8	0.19%	0	0.00%
2012	10	0.23%	0	0.00%
2013	178	4.15%	8	5.16%
2014	435	10.13%	20	12.90%
2015	806	18.77%	29	18.71%
2016	970	22.59%	30	19.36%
2017	1,060	24.69%	30	19.36%
2018	817	19.03%	38	24.52%

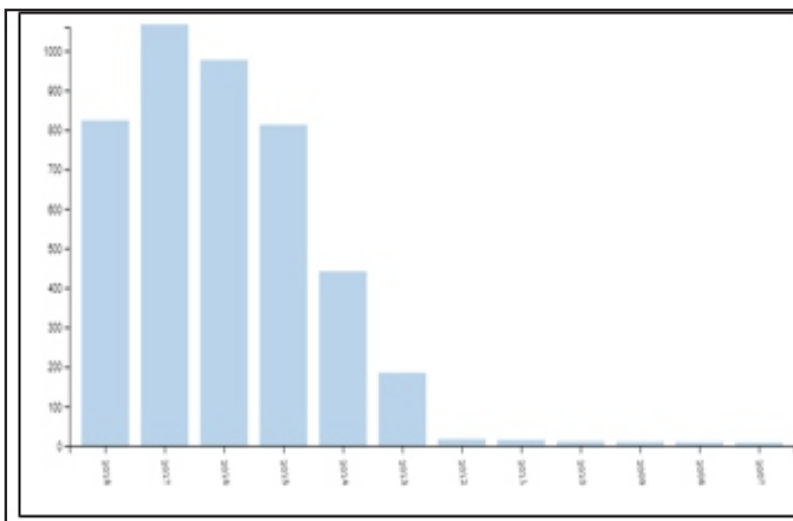
(Table-1: Year-wise Document Publications)



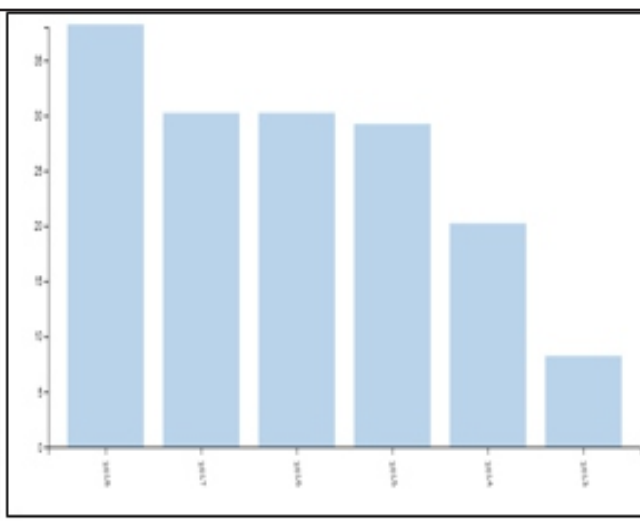
(Graph-3: Publication Trends)

The Graph-4 shows the year-wise publication on MOOC research published world-wide, and

Graph-5 shows the year-wise publication on MOOC research published from India.



(Graph-4: Year-wise Publication - World)



(Graph-5: Year-wise Publication - India)

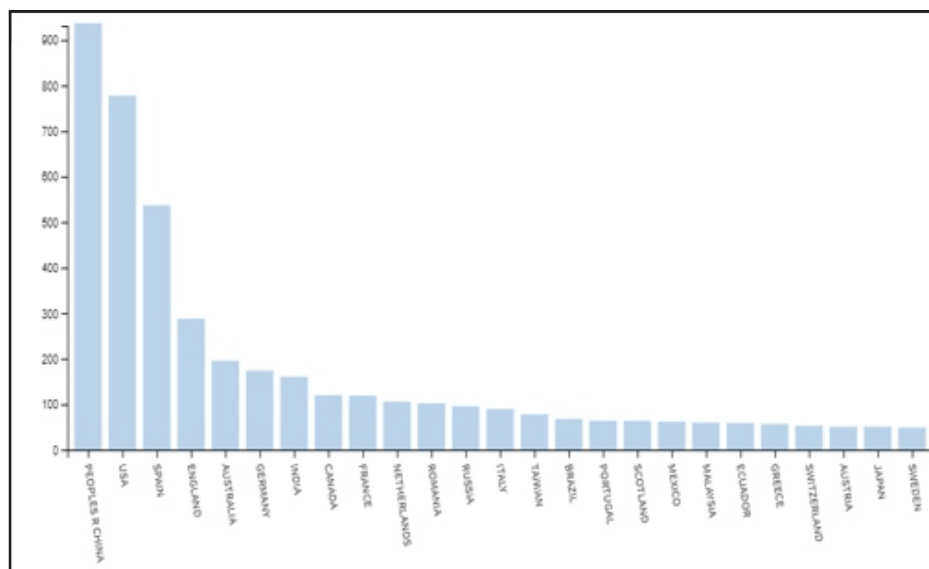
5.3. Countries' Contribution in World's MOOC Research

The Table-2 and the Graph-6 represents the countries' contribution in World's MOOC research. Countries like Peoples R China with 931

documents (21.681), and USA with 772 documents (17.979) were the top most contributed contries to the World's MOOC research. India stands at 7th number in its contribution to the World's MOOC research.

Countries/ Regions	Record Count	% of 4,294
Peoples R China	931	21.681
USA	772	17.979
Spain	321	7.476
England	282	6.567
Australia	190	4.425
Germany	168	3.912
India	155	3.610
Canada	114	2.655
France	113	2.632
Netherlands	100	2.329

(Table-2: Countries' Contribution)



(Graph-6: Countries' Contribution)

5.4. Research Areas

As per the WoS indexed research areas, it was found that 2,465 documents (57.406 %) were published in Education Educational Research area,

followed by Computer Science area with 1,408 (32.790 %) documents published during the period. The Graph-7 represents the research areas based on the research areas indexed in WoS for World-wide publications on MOOC.



(Graph-7: Research Areas based on the WoS - World)

The Table-3 and Graph-8 shows the research areas based on the research areas indexed in WoS for India's MOOC research.

Research Areas	Record Count	% of 155
Computer Science	114	73.548
Education Educational Research	67	43.226
Engineering	43	27.742
Telecommunications	16	10.323
Information Science Library Science	7	4.516

(Table-3: Research Areas – India's MOOC Research)

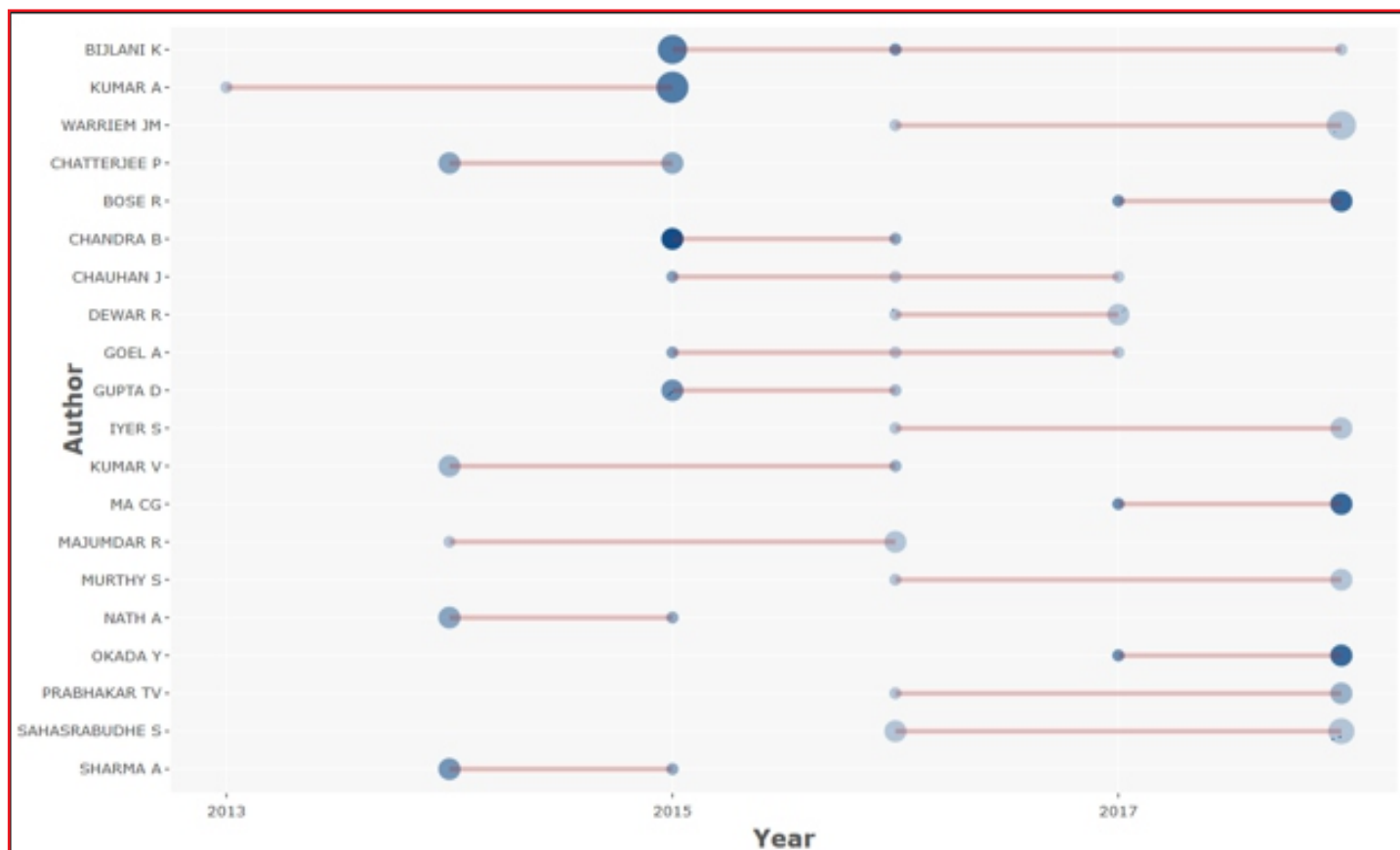


(Graph-8: Research Areas India's MOOC)

5.5. Top Indian Authors Production over the Time

The Graph-9 represents the top 20 Indian authors and their publication over the time on MOOC research. Authors like Bijlani, K; Kumar A; and

Warriem JM were the top Indian authors having published more than 05 documents, i.e. 06, 06, and 05 published documents respectively during the study period.



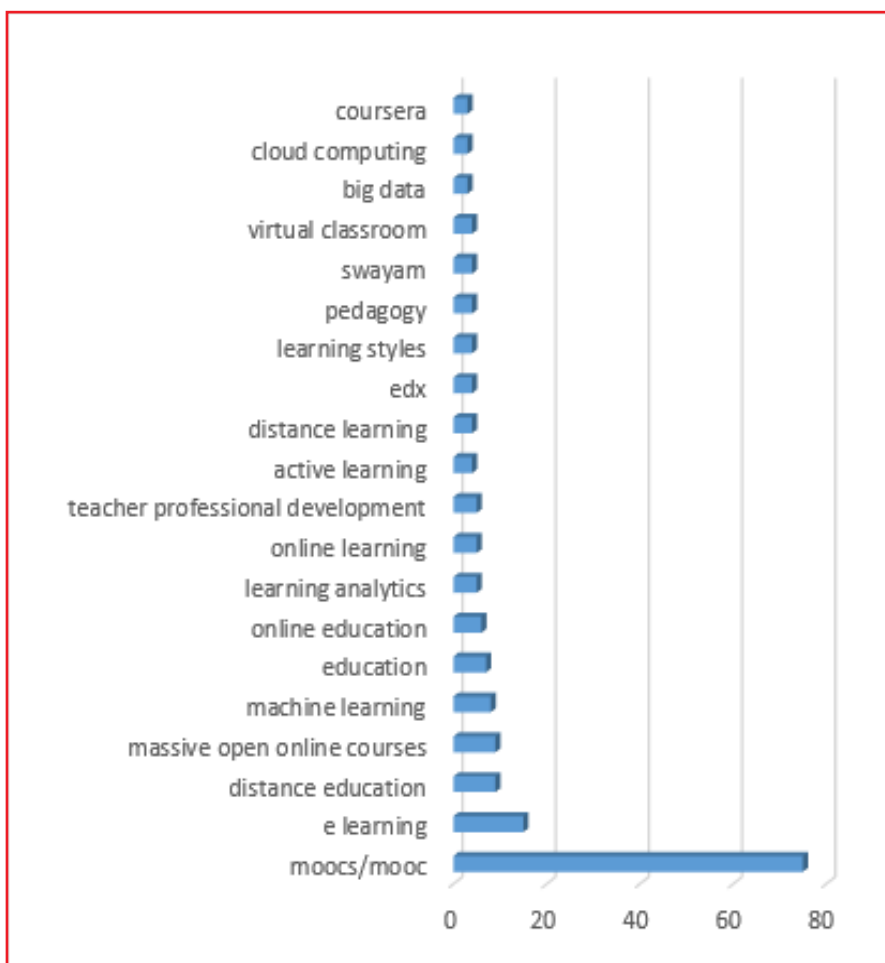
(Graph-9: Top Indian Authors and Their Publication over Time)

5.6. Top Keywords Co-occurrence and their Network

There were a total 593 keywords in all 155 published documents including all provided

Author Keywords, and KeyWords Plus (Index Keywords). The Table-4 and Graph-10 shows the Top 20 keywords occurrences.

Words	Occurrences
moocs/mooc	75
e learning	15
distance education	9
massive open online courses	9
machine learning	8
education	7
online education	6
learning analytics	5
online learning	5
teacher professional development	5
active learning	4
distance learning	4
edx	4
learning styles	4
pedagogy	4
swayam	4
virtual classroom	4
big data	3
cloud computing	3
coursera	3

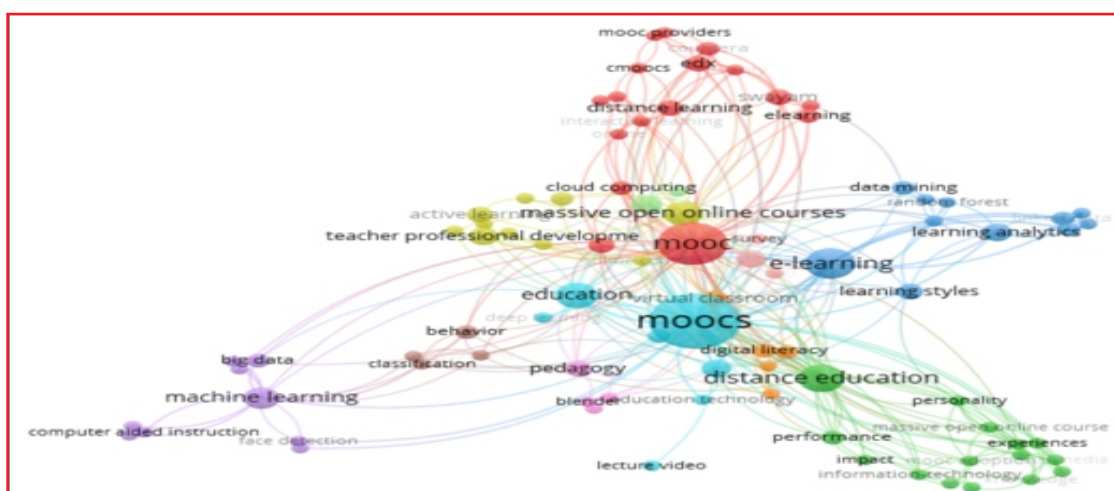


(Table-4: Top Keywords Co-occurrences)

(Graph-10: Top Indian Authors and Their Publication over Time)

Among the total 592 keywords, only 89 keywords have at least 02 occurrences, and those 89 keywords have been selected for the keywords co-occurrence network analysis as shown in Graph-11

below. For each of the 89 keywords, the total strength of the co-occurrence links with other keywords is calculated and visualized in the below network.

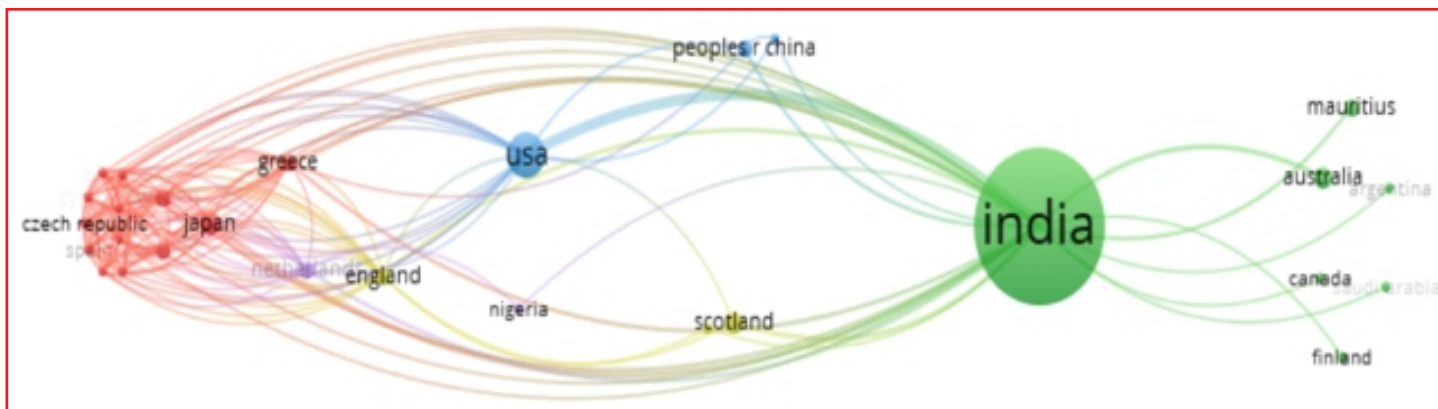


(Graph-11: Keywords Co-occurrences Network)

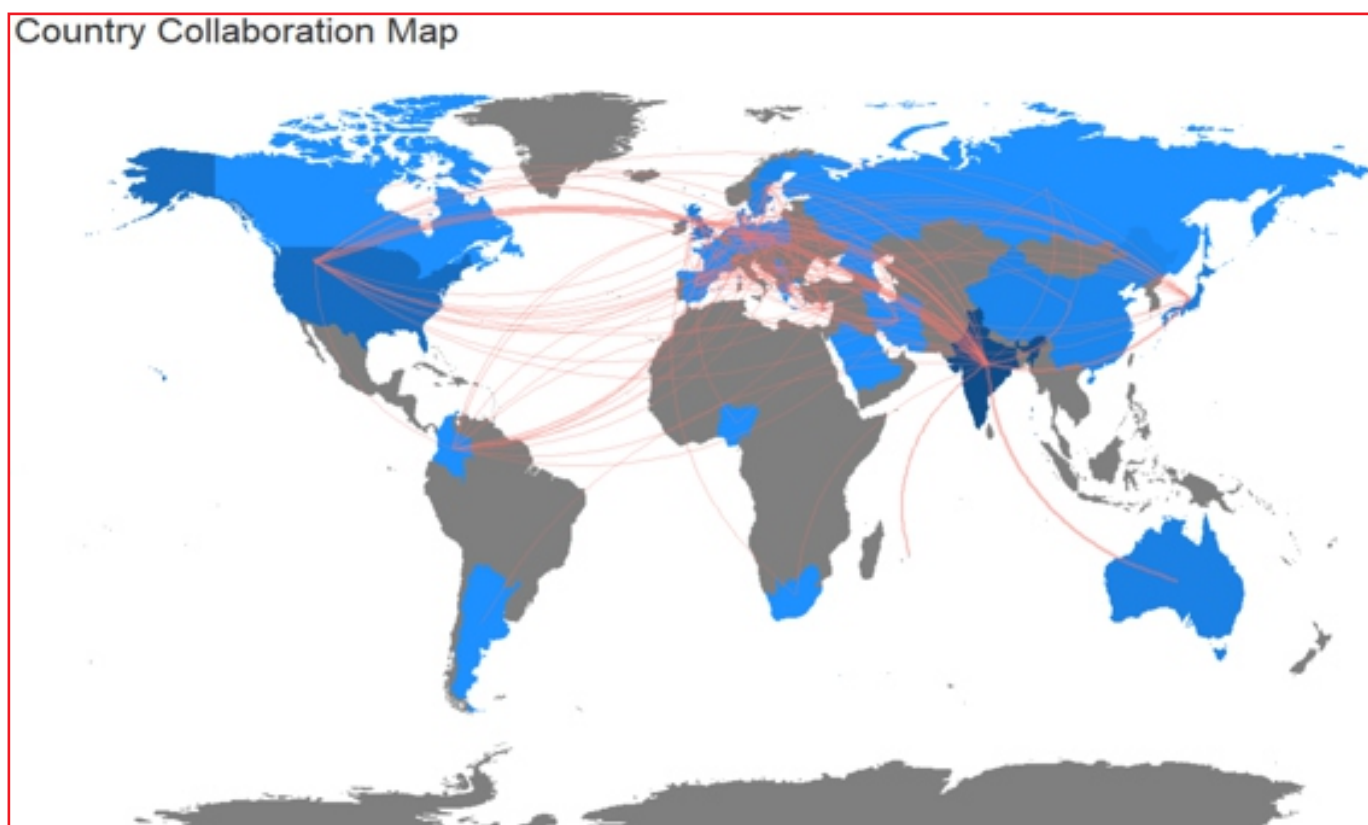
5.7. International Collaboration

The Graph-12 represents the Co-authorship Countries collaboration network visualized on VOS viewer on the basis of author's affiliation with minimum edges country as one. USA, Japan, and

Australia were the top three collaborative countries with India on MOOC research having 14, 04, and 03 collaborative publications respectively. The Graph-13 displays the country collaboration in world map visualized with Bibilometrix, R package.



(Graph-12: Co-authorship Countries Collaboration Network)



(Graph-13: Country Collaboration Map)

6. Conclusions

The presented study explored the India's MOOC research published during 2007-2018 which were indexed in Web of Science Core Collection alongside the world-wide publications. The total nos. of world-wide published documents were 2924, and 155 were from India. All types of published documents were considered for the study. For analysis and visualisation, the WoS in-built analytics tool, the "Bibliometrix" R package, and the VOSviewer tool was used. An increasing publication trends was seen for research on MOOC. As far as global MOOC research is concerned, Peoples R China has contributed the most with 931 documents (21.681), followed by USA with 772 documents (17.979), and India stood at 7th position in its contribution. Authors like Bijlani, K; Kumar A; and Warriem JM were the top Indian authors having published more than 05 documents each during the study period. From the result obtained from keywords occurrence analysis, it can be assumed that the research related to MOOC/MOOCs, and e-learning were focused topics from Computer Science, and Education Educational Research areas. USA, Japan, and Australia were the top three collaborative countries with India on MOOC research.

The scope of this study is limited to India's MOOC research data collected from Web of Science during 2007-2018 only. The same kind of study can be done with data collected from Scopus as well, or by merging both WoS and Scopus data together as well to broaden the research. A broader study can be performed by analysing all the aspects of World's MOOC research.

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Visitors

Prof P V Konnur, Adviser, Visvesvaraya Technological University (VTU) Consortium, Belgaum, Karnataka

A delegation headed by Prof Sangavesh Kivade, Visvesvaraya Technological University (VTU) along with Prof P V Konnur, Adviser, VTU Consortium, and its Executive Committee members visited INFLIBNET Centre on October 30 -31, 2019. The team of delegation interacted and understood the best practices of e-ShodhSindhu (eSS) as well as discussed on other services of the INFLIBNET Centre especially on Infistat, INFED, IRINS, IndCat, and ShodhGanga, etc. The delegation appreciated about the projects and services provided by INFLIBNET Centre.

Prof Jagat Bhushan Nadda, Director, CEC, New Delhi

Prof Jagat Bhushan Nadda, Director, CEC, New Delhi along with Er Nageshwar Nath, Joint Director (Hardware) visited INFLIBNET on 1st November to



(Prof Jagat Bhushan Nadda with Director, INFLIBNET)

discuss the modalities for shifting/transferring the MOOCs courses to CEC. They discussed in details on developing interface for the CEC website for inviting Expression of Interest for UG and PG MOOCs, and creation & hosting of digital library for all the content for UG and PG MOOCs developed by CEC.

Sh G Chamu and Sh Keerthi, National Institute for Smart Government (NISG), Hyderabad; and Dr G S Mallick, Advisor and Sh Parameswaran N, Sr Consultant, NMEICT, MHRD, Government of India

Sh G Chamu and Sh Keerthi, National Institute for Smart Government (NISG), Hyderabad; and Dr G S Mallick, Advisor and Sh Parameswaran N, Sr Consultant, NMEICT, MHRD, Government of India visited INFLIBNET Centre for the third party evaluation of SwayamPrabha at INFLIBNET and BISAG, and IRINS, ESS, and PDS at INFLIBNET during 2nd December - 3rd December 2019.

Dr Rakesh Sarwal, Additional Secretary, MHRD, New Delhi

Dr Rakesh Sarwal, Additional Secretary, MHRD, New Delhi visited INFLIBNET Centre on 7th December 2019. He met with Director, INFLIBNET along with the Staff members at Board Room, and discussed about the INFLIBNET's activities and services towards educational institutions in India. He further appreciated the various projects going on at INFLIBNET Centre.



(Dr Rakesh Sarwal with Director, INFLIBNET Centre)

Staff News

Prof J P Singh Joorel, Director

Prof J P Singh Joorel gave the Convocation address at AJK College of Arts and Sciences, Coimbatore, Tamilnadu. He was invited as the Chief Guest at the National Level Workshop on Anti Plagiarism at Gujarat University, Ahmedabad on October 12, 2019. Prof Joorel participated and chaired a Session in the 22nd International Symposium on Electronic Theses and Dissertations (ETD2019) at Porto, held at Universidade Portucalense in Porto, Portugal during November 6-8, 2019. He was the Guest of Honour in the Prize Distribution function of the Inter-Zonal Youth Festival at M D University Rohtak on November 15, 2019. Further, he inaugurated the Book Fair at M D University Rohtak on November 15, 2019. He was selected by the Ministry of Human Resource Development (MHRD), Government of India to attend the Leadership for Academician Programme (LEAP 2019-2020) at Aligarh Muslim University Aligarh and Monash University, Australia, respectively. Prof Joorel delivered an inaugural address as Chief Guest in the National Seminar on Promotion of

Academic Integrity and Prevention of Plagiarism at the University of Petroleum and Energy Studies (UPES), Dehradun on 20th December 2019.

Mr. Manoj Kumar K, Scientist E (CS)

Mr. Manoj Kumar K was invited to deliver a lecture on the topic 'Academic Integrity, Research Ethics and Plagiarism' at Institute of Teacher Education, Gandhinagar (IITE), Gandhinagar on 21st October 2019. He also invited to deliver lecture on the topic Academic Integrity, Research Ethics and Plagiarism at Nirma University, Ahmedabad on 23rd October 2019. He was invited to deliver a lecture on MOOC module for the Annual Refresher Programme in Teaching (ARPIT) at Indian Institute of Technology, New Delhi on 27th November 2019. He was invited as a speaker on the topic Knowledge Based Resources Information Systems Hub for Innovations in Agriculture in 4th National Workshop at Indian Council of Agricultural Research (ICAR), New Delhi on 10th December, 2019. He was also invited as a speaker during the UGC Sponsored Refresher Course in E-Content Development at Academic Staff College, UGC-

HRDC, Gujarat University, Ahmedabad on 14th December 2019.

Mr. Yatrik Patel, Scientist E (CS)

Mr. Yatrik Patel was invited to deliver lecture on E-Resources for Research, during UGC Sponsored Refresher Course in Social Science at Academic Staff College, UGC-HRDC, Gujarat University, Ahmedabad on 15th October 2019. He was invited to deliver lecture on E-Resources for Research, during UGC Sponsored Refresher Course in Information Communication Technology (ICT) at Academic Staff College, UGC-HRDC, Gujarat University on 18th October 2019. He was invited to deliver a lecture on Next Generation Technology for Libraries during UGC Sponsored Refresher Course Advancement in Library & Information Science at UGC-HRDC, Sardar Patel University, Vallabh Vidyanagar on 15th November 2019. He was also invited to deliver a lecture on E-content Development best practice & tools during the UGC Sponsored Refresher Course on E-Content Development at Academic Staff College, UGC-HRDC, Gujarat University, Ahmedabad on 13th December 2019.

Mr. Abhishek Kumar, Scientist D (CS)

Mr Abhishek Kumar was invited to deliver keynote address as well as a detailed presentation on UGC-MOOCs during the MOOCs program at the University of Mysore, Mysore on 11th October 2019. He attended a Swayamprabha Coordinators meeting through video conference on 11th October 2019. He was invited to attend a meeting for the requirement analysis of the Association of Indian Universities automation work on 5th November 2019. He was invited to deliver a talk on E-Learning & MOOCs during the 54th Refresher Course on Advancement in Library & Information Science at UGC-Human Resource Development Centre, Sardar Patel University, Vallabh

Vidyanagar on 8th November 2019. He was invited to attend meeting for capturing the requirement of two portals namely Gold Medalist and Research Scholars at UGC, New Delhi on 25th November 2019. He was invited for the walk-in interview as a selection committee member to select the manpower for IT cell of UGC at UGC, New Delhi on 5th December 2019.

Mr. Pallab Pradhan, Scientist B (LS)

Mr. Pallab Pradhan was awarded a 'FORCE2019 Travel Fellowship' under the FORCE11 Travel Fellowship and Scholarship Program to attend FORCE2019, an annual FORCE11 conference and meeting where various different stakeholders in scholarly communication come together for an open discussion, to talk about changing the ways scholarly and scientific information is communicated, shared and used. It was held on October 16 and 17, 2019 at the historic BT Murrayfield Rugby Stadium, with pre-conference workshops held at the Hilton Grosvenor Hotel on October 15, 2019. The FORCE2019 was organized by FORCE11 in collaboration with the University of Edinburgh, Scotland, United Kingdom. He delivered two lectures on Research Metrics and Quality parameters for NIRF and ARIIA ranking, and Zotero – Online Reference Management Tool at Sambalpur University, Burla, Odisha during a one day workshop on 03rd December 2019. He delivered one session on Organizing Research with Reference Management Tools on 11th December 2019 in the Literature Review Workshop for PhD candidates (IIInd Phase) held during 7th December – 15th December 2019 at Gujarat National Law University (GNLU), Gandhinagar, Gujarat.

Mr. Raja V, Scientist B (CS)

Mr. Raja V was invited as a resource person to deliver a lecture on Cloud Computing in the one day workshop at AJK College of Arts and Science,

Coimbatore, Tamilnadu on 17th October 2019. As an invited resource person, Mr. Raja delivered a lecture on "Reference Management Tools" at Teaching Learning Centre (TLC), Coimbatore Institute of Technology on 18th October 2019 under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) Scheme, MHRD, GoI. He delivered a lecture on "Cloud Computing and Big Data, and its applications" during UGC-Refresher Course: Advancement in Library & Information at Sardar Patel University, Gujarat on 05th November 2019. He delivered an invited lecture on "INFED and its features" on 13th December 2019 during the Two-day Workshop at National Institute of Fashion Technology, Gandhinagar. He was invited to deliver a lecture on "Cloud Computing" in the One day workshop at the EGS Pillay College of Engineering, Nagapattinam, Tamilnadu on 16th December 2019. He was a resource Person (on remote) for Progress and Challenges in Introducing

Eduroam and Federated Identity under Asi@Connect/Geant and delivered a lecture on "eduGAIN Implementation Features and Challenges at INFED" to Bangladesh Research and Education Network on 19th December 2019.

Mr. K Siva Shankar, Scientist B (LS)

Mr. K Siva Shankar was invited to deliver a talk on Indian Research Information Network System (IRINS) during the IIM's Librarian Consortium meeting held at Indian Institute of Management Ahmedabad during 22nd October 2019. He was also awarded a 'FORCE11 travel fellowship', and attended the "FORCE 2019 Conference" at the University of Edinburgh, Scotland during 15th to 17th October 2019.

Mr. Dharmesh Shah STO (CS)

Mr. Dharmesh Shah was invited to discuss the pending work and requirements related to e-NBA Project at NBA, New Delhi on 1st November 2019.

User's Speak

IRINS

Request to create an instance for Ahmedabad University on IRINS portal.

G K Manjunath <gk.manjunath@ahduni.edu.in> Fri, Nov 29, 2019 at 4:13 PM

To: irins@inflibnet.ac.in, director@inflibnet.ac.in, "A. P. Ashwin Kumar" ashwin.kumar@ahduni.edu.in

Dear Mr. Siva / Mr.Kannan,

Greetings from Ahmedabad University, Ahmedabad!

I am extremely happy to learn that INFLIBNET Centre has taken an initiative to maintain researchers' profile on its IRINS portal. As this happens to be very useful to us, we would like to participate in this initiative and in view of this may I request you to please create an instance for the Ahmedabad University on this portal ?.

You may please let us know what all the information we need to send for creating an instance.

Regards,

G. K. Manjunath, PhD

Director of Libraries, Ahmedabad University, Ahmedabad, phone : 079-61911182

IRINS - GIT Faculty info - Reg

LIBRARIAN GIT <librarian@git.edu> Tue, Dec 3, 2019 at 12:56 PM

To: INFLIBNET Centre irins@inflibnet.ac.in

Dear IRINS Team,

We are receiving good response for the IRINS initiative from our institute. In the first stage, we could get 185 faculty data and your team has successfully migrated in irins portal.

So, In second stage, we have gathered remaining faculty details as per your prescribed format. Please find the enclosed file for your reference. I request you to upload the content on git.irnis.org

Thanks and Regards,

Arun F. Adrakatti

MLISc, M.Phil. PGDLAN, KSET, UGC-NET, (Ph.D)

Librarian - KLS Gogte Institute of Technology, Udyambag, Belagavi-590 008, Karnataka, INDIA

Ph: 0831-2498515 Extn: 331 / 333 | Mobile: +91 9739049099 |

Mail to :librarian@git.edu, arun@git.edu / Website: www.git.edu

Librarian SVDU <librarian@sumandeepvidyapeethdu.edu.in> Sat, Dec 28, 2019 at 12:04 PM

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

Dear Sir,

My self Kishoresakariya, working as a librarian at SumandeepVidyapeeth Deemed to be University, Vadodara.

I just know from INFLIBNET website about IRINS project it is really very useful for researchers and organization.

One more initiative from INFLIBNET for the research community.

I just want to know more about this project and how our organization can join IRINS.

Thanks & regards,

Kishore Sakariya

Mob 9227443830

संशोधन, अद्ययावत घडामोडी आता एका क्लिकवर!

शिवाजी विद्यापीठ : शिव-ज्ञानसागर, संशोधक माहिती प्रणालीचे आज उद्घाटन

कोल्हापूर : प्रतिनिधी

‘शिव-ज्ञानसागर : इन्स्टिट्यूशनल रिपॉझिटरी ऑफ शिवाजी युनिव्हर्सिटी’ व ‘इंडियन रिसर्च इन्फॉर्मेशन नेटवर्क सिस्टिम’ हे नावीन्यपूर्ण उपक्रम शिवाजी विद्यापीठाच्या वर्धापनदिनी सुरू होत आहेत. यामुळे विद्यापीठातील संशोधनासह येथील घडामोडींची ऐतिहासिक व अद्ययावत माहिती जगाच्या पाठीवरून कोटूनही एका क्लिकवर पाहता येणे शक्य होणार आहे. या दोन्ही प्रणालींचे उद्घाटन आज (सोमवार) होणार आहे.

शिव-ज्ञानसागर : इन्स्टिट्यूशनल रिपॉझिटरी ऑफ शिवाजी युनिव्हर्सिटी

विद्यापीठाच्या सर्व अधिविभागांतील विषयतज्ज्ञ व संशोधक विद्यार्थी यांनी डिजिटल स्वरूपात निर्माण केलेल्या बौद्धिक संपदेचे संघटन, व्यवस्थापन, संप्रेषण व जतन करणे याला ‘इन्स्टिट्यूशनल रिपॉझिटरी’ म्हणतात. रिपॉझिटरीमध्ये विविध कार्यक्रमांची छायाचित्रे, वार्षिक अहवाल, प्रकाशने, दीक्षान्त संबोधने, विविध परीक्षांच्या प्रश्नपत्रिका, अधिविभागातील संशोधकांचे शोधनिबंध व प्रकाशने आदी सर्व नवी-जुनी माहिती साठवून ठेवता येईल. ही माहिती विद्यापीठाच्या <http://ir.unishivaji>.



ac.in:8080/jspui/ या लिंकवर पाहता येईल.

विद्यापीठातील बौद्धिक संशोधनास जागतिक व्यासपीठ पुरविणे, एकाच मध्यवर्ती ठिकाणी सर्व कंटेंट डिजिटल स्वरूपात एकत्रित करणे, सर्व माहिती मुक्तपणे वापरस उपलब्ध करून देणे आदी उद्दिष्टे रिपॉझिटरीद्वारे साध्य होणार आहेत. विद्यापीठांतर्गत माहितीचा सामूहिक उपयोग, प्राध्यापक व संशोधकांच्या संशोधनाचे परीक्षण व मूल्यांकन त्यांच्या डिजिटल स्वरूपाच्या साहित्याच्या वापरावरून ठरविता येणार आहे.

इंडियन रिसर्च इन्फॉर्मेशन नेटवर्क सिस्टिम (आय.आर.आय.एन.एस.)

केंद्रीय मनुष्यबळ विकास मंत्रालयाच्या गांधीनगर स्थित ‘इन्फ्लिबनेट’ सेंटरतर्फे नुकताच इंडियन रिसर्च इन्फॉर्मेशन नेटवर्क सिस्टिम प्रकल्प कार्यान्वित करण्यात आला आहे. शैक्षणिक, संशोधन संस्था यांच्यासाठी वेब आधारित संशोधन, माहिती व्यवस्थापन, सेवा असे याचे स्वरूप आहे. हा प्रकल्प

<http://unishivaji.irins.org> या लिंकच्या स्वरूपात बॅ. बाळासाहेब खर्डेकर ज्ञानस्रोत केंद्रातर्फे विद्यापीठाच्या वेबसाईटवर सोमवारी लाँच करण्यात येणार आहे.

प्रकल्पाच्या माध्यमातून विद्यापीठातील सुमारे १६९ शिक्षकांची रिसर्च प्रोफाइल्स या माध्यमातून जगाला एकाच व्यासपीठावर पाहायला मिळणार आहेत. प्रकल्पाच्या पहिल्या टप्प्याला केंद्रीय मंत्रालयाने ‘नॅशनल मिशन ऑन एज्युकेशन थ्रू आयसीटी’ अंतर्गत मान्यता दिली आहे. प्रणालीत विद्यापीठातील ३२ अधिविभागांतील १६७ शिक्षकांची २६१३ प्रकाशित शोधनिबंध, पाच इतिवृत्ते, नऊ ग्रंथ, २८३८ तज्ज्ञ स्रोत, ६६३७८ सायटेशनस व २१० अन्य संशोधकीय माहिती उपलब्ध असणार आहे. अशी दोन्ही उपक्रमांची माहिती बॅ. बाळासाहेब खर्डेकर ज्ञानस्रोत केंद्राच्या संचालक डॉ. नमिता खोत यांनी दिली.

साधनस्रोत म्हणून वापर शक्य
भारतातील उच्च शिक्षण क्षेत्रातील

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रिसर्च इन्फॉर्मेशन नेटवर्क सिस्टिम व ‘शिव-ज्ञानसागर’ या दोन्ही उपक्रमांतील माहितीचा साठा हा संशोधकांसह प्रत्येक घटकासाठी उपयुक्त असून विद्यापीठातील संशोधनासह घडामोडींची ऐतिहासिक व अद्ययावत, विश्वासार्ह माहिती कोटूनही पाहता येणे शक्य होणार आहे. विद्यापीठातील बौद्धिक मालमतेचे व्यवस्थापन, साठवणूक, जपणूक व जगभरात तिचे वितरण करण्याकरिता ‘शिव-ज्ञानसागर’चा वापर उपयुक्त ठरणार आहे.

- डॉ. देवानंद शिंदे, कुलगुरु

शैक्षणिक व संशोधन संस्थांना सामायिक व्यासपीठ म्हणून याचा वापर करता येईल. तंत्र व्यक्ती, विभाग, शाळा, संस्थांचे ‘संशोधन केंद्र साधन’ म्हणून कामगिरी बजावेल. उपलब्ध तंत्रज्ञान, संशोधनाची क्षेत्रे, संशोधनातील अंतर ओळखणे व त्या अनुषंगाने संशोधन निधीवर त्यांचे धोरण परिभाषित करण्यासाठी धोरण निमति व

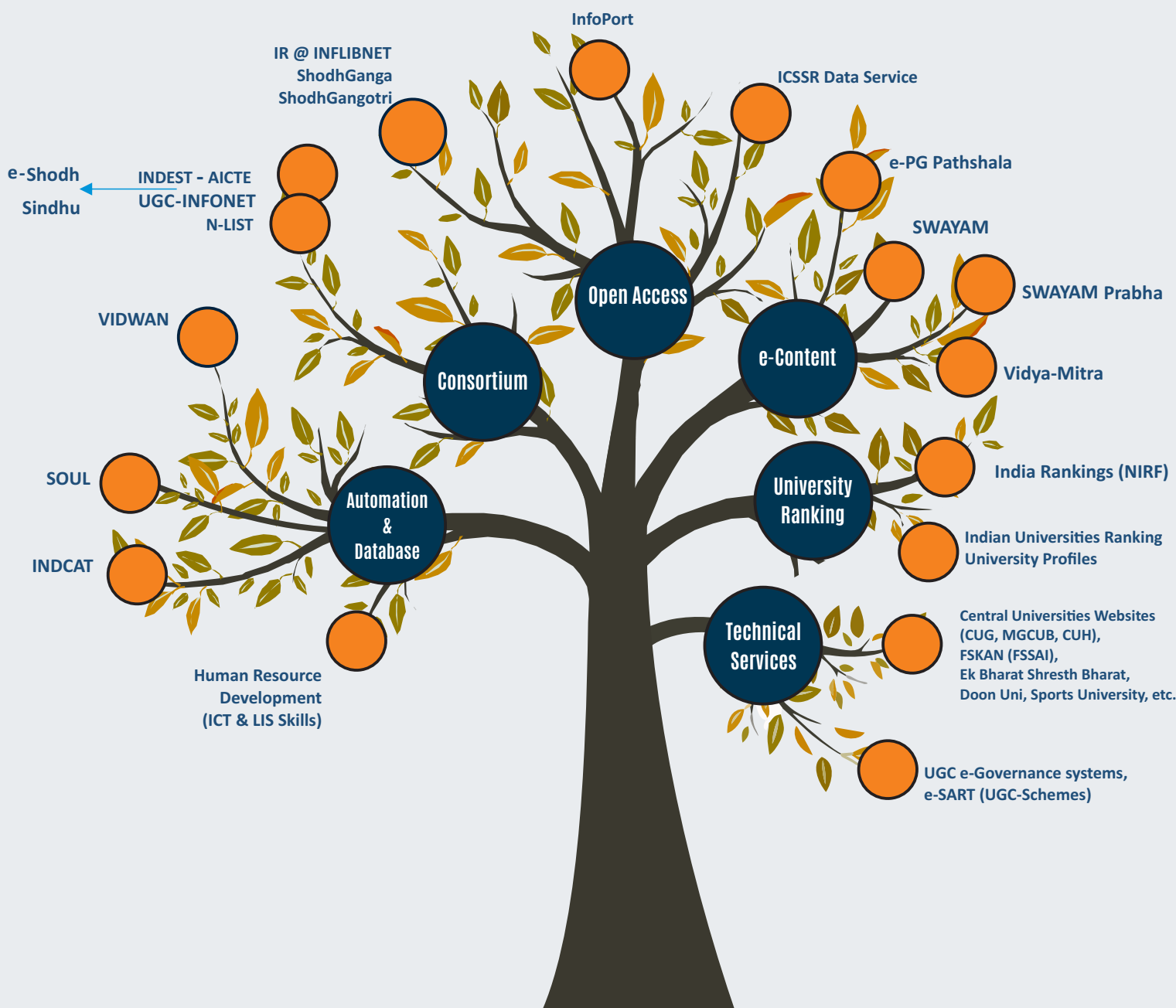
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