



# INFLIBNET NEWSLETTER

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Teaching Learning & Resources

Research and Professional Practice

Graduation Outcome

Outreach & Inclusivity

Perception



## Article

### India Rankings 2018: At a Glance

Abhishek Kumar, Scientist C (CS)

#### Editorial Board

Dr. Jagdish Arora  
Mr. K Siva Shankar  
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#### IndCat

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

#### SOUL Helpline

Tel. : +91-79-23268300

#### VIDWAN

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

#### e-ShodhSindhu

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

#### N-LIST (E-resources for College)

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

#### InfiStats: Usage Statistics Portal for e-Resource

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

#### e-PG Pathshala

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

#### Vidya-Mitra: Integrated e-content Portal

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

#### INFLIBNET's Institutional Repository

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

#### Open Journal Access System (OJAS)

<http://www.inflibnet.ac.in/ojs/>

#### 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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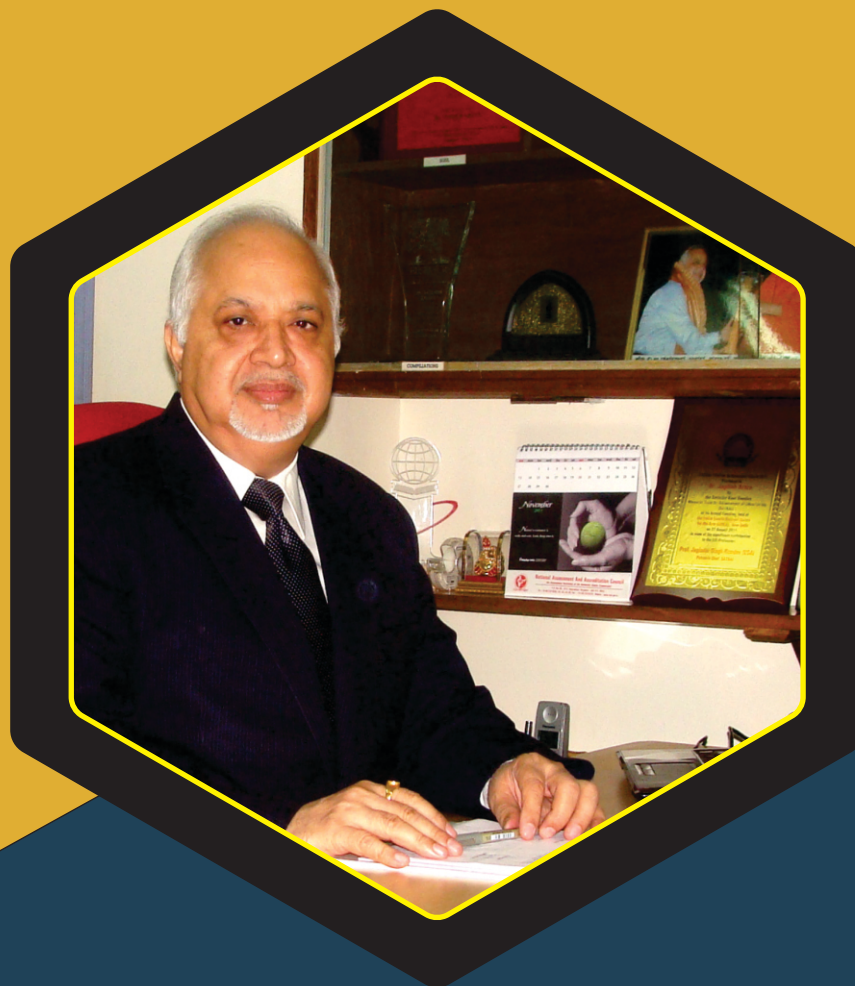
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## From Director's Desk

Ranking Institutions of Higher Education in the country has become one of the flagship activities of the Centre. The Centre plays a pivotal role in ranking of institutions in terms of developing an automated ranking platform that facilitates users to rank institutions based on any one of the five ranking parameters in addition to combined ranking and provides information of publications, citations, highly cited papers and other bibliographic parameters. The key role played by the Centre has duly been acknowledged by the National Board of Accreditation as well as by the Ministry of Human Resource Development (MHRD). Seven scientists including Director from the INFLIBNET Centre was invited to participate in the India Rankings 2018 Award Ceremony organized at Vigyan Bhawan, New Delhi on 3rd April, 2018 wherein the role played by the INFLIBNET Centre in India Rankings 2018 was duly acknowledged.

I am happy to inform that the Centre has developed the Indian Research Information Network System (IRINS). IRINS is a web-based Research Information Management (RIM) that is offered software-as-service free-of-cost to

academic and R&D organisations in India. IRINS facilitates academic and R&D organisations to collect, curate and showcase the scholarly communication and other activities of their faculty members and scientists and provides an opportunity to create scholarly networks of scientists and scholars across institutions that are using IRINS. The IRINS supports integration of existing research management system such as HR system, course management, grant management system, institutional repository, open and commercial citation databases, scholarly publishers, etc. It is integrated with multiple academic identities such as ORCID ID, Scopus ID, Research ID, Microsoft Academic ID, Google Scholar ID, etc. for ingesting the scholarly publications from various sources. IRINS has been fully implemented for more than 10 organizations including IISc Bangalore.

As mentioned above, the IRINS is offered free-of-cost to academic institutions. I am happy to invite all universities and other research organisations to come forward and implement it in your respective institutions.

During the period under report, the Centre has organized 2 IRTPLA at Dr. Bahasaheb Ambedkar Marathwada University, Aurangabad and Dibrugarh University, Dibrugarh. Two User Awareness Programme on Research Ethics, Plagiarism and Reference Management were conducted one each at Mizoram University, Aizwal and Central University of Rajasthan, Sindri. The Centre conducted five Specialized Training Programmes / National Workshops / National Conferences during the period under report one at Central University of Himachal Pradesh, Dharamshala and remaining four at the INFLIBNET Centre, Gandhinagar. The topics covered in the specialized training programmes were MOOCs, Research Data and Statistical Analysis using R Programming, Metadata Standards, Federated Identity and Access Management and E-Resource Management.

I am pleased to welcome Prof. Yogesh Singh as the new Chairman of the Governing Board of INFLIBNET Centre. Prof. Yogesh Singh with his expertise in Computer Science and Engineering would be a guiding force for all of us with his domain knowledge as well as with his extensive administrative experience as Vice-Chancellor of a number of universities. We look forward to achieve newer heights under his vibrant and dynamic leadership. I take this opportunity to welcome all other new Members of the Governing Board including; Prof. Kamlesh P. Joshipura, Former Vice Chancellor Saurashtra University, Rajkot, Dr. Pratosh Bansal, Professor in Information Technology Department of Institute of Engineering and Technology (IET), a UTD of Devi Ahilya University, Indore, Prof. B. K. Tripathi, Director of Inter-University Centre for Teacher Education, Banaras Hindu University, Varanasi and Dr. N Saravana Kumar, IAS, Joint Secretary (ICC & TEL), Government of India, MHRD.

This issue of the Newsletter includes a feature article on “India Rankings 2018: At a Glance” by Mr. Abhishek Kumar, Scientist C (CS). I am sure that our readers would enjoy going through this issue of the Newsletter.



(Jagdish Arora)

# 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 organized at the INFLIBNET Centre,

Gandhinagar during this quarter. These programmes were coordinated by Mr. H G Hosamani, Scientist C (LS), INFLIBNET Centre. 24 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	140 <sup>th</sup> Training Programme on SOUL 2.0	23 <sup>rd</sup> – 28 <sup>th</sup> April, 2018	08
2	141 <sup>th</sup> Training Programme on SOUL 2.0	28 <sup>th</sup> May – 02 <sup>nd</sup> June 2018	16



Participants of 140<sup>th</sup> Training Programme on SOUL 2.0 with the Director and Technical Staff of the INFLIBNET Centre





Participants of 141<sup>th</sup> Training Programme on SOUL 2.0 with the Director and Technical Staff of the INFLIBNET Centre

## INFLIBNET Regional Training Programme on Library Automation (IRTPLA)

INFLIBNET Regional Training Programme on Library Automation (IRTPLA), Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra, 16<sup>th</sup>-20<sup>th</sup> April, 2018

INFLIBNET Regional Training Programme on Library Automation (IRTPLA) was organized by the Department of Library and Information Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad in collaboration with the INFLIBNET Centre, Gandhinagar from 16<sup>th</sup> April to 20<sup>th</sup> April, 2018. 34 Participants comprising of library & information professionals participated in the training programme. The Training programme was inaugurated by Prof. B A Chopade, Honourable Vice Chancellor, Dr. Babasaheb Ambedkar Marathwada University. Dr. Vaishali Khaparde,

Professor and Head and coordinator of the programme, welcomed the chief guest, resource persons, faculty and participants. Prof. Chopade, while inaugurating the training programme, appreciated the efforts of the INFLIBNET Centre for imparting such training programmes to educate the librarians in frontiers of technological development. Mr. Swapnil Patel, Scientist B (CS), INFLIBNET Centre briefed the participants about IRTPLA training programmes. He also gave an overview of various modules of SOUL 2.0. Dr. Shashank Sonwane extended a warm vote of

thanks. Mrs Hema V Cholin and Shri Vijay Kumar Shrimali handled theoretical and practical sessions on various modules of SOUL software. Apart from theoretical and practical sessions on SOUL 2.0, the following lectures were delivered by external experts:

- i) Library Automation, by Dr. D K Veer, Director KRC library, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad; and
- ii) Web 2.0, by Dr Shashank Sonwane,

Associate, Dept. of Library and Information Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

Prof. A. G. Khan, Director, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad was the Chief Guest for the valedictory session. Certificates of participation were distributed to the participants during valedictory session. Prof. Vaishali Khaparde extended a warm vote of thanks to authorities at the University as well as at INFLIBNET Centre.



**Participants of INFLIBNET Regional Training Programme on Library Automation (IRTPLA),  
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad**

## **INFLIBNET Regional Training Programme on Library Automation (IRTPLA), Dibrugarh University, Dibrugarh, Assam, 25<sup>th</sup> to 29<sup>th</sup> April 2018**

INFLIBNET Regional Training Programme on Library Automation (IRTPLA) was jointly organized by the INFLIBNET Centre, Gandhinagar in collaboration with Lakshminath Bezbaroa Library, Center for Library and Information Science Studies

and College Development Council of Dibrugarh University, Dibrugarh from 25<sup>th</sup> to 29<sup>th</sup> April, 2018 at Dibrugarh University, Dibrugarh. Prof. Alak Kumar Buragohain, Hon'ble Vice Chancellor, Dibrugarh University, inaugurated programme,



which was attended by a large number of invitees including deans, professors, faculty members and participants. Prof. Alak Kumar Buragohain, in his inaugural speech, stressed upon importance of growing demands of library automation and application of ICT in the library management. Dr. Maya Avasia, Librarian, Asiatic Society of Mumbai, participated as an expert as well as Chief Guest in the inaugural programme. She spoke on importance of grooming up present day library professional for ICT environment from the very beginning of their carriers as a library professional.

38 College librarians participated in the Workshop from different colleges of North Eastern Region of India. Experts from various universities in North-eastern region and other parts of the country served as faculty to the training programme. Sri W. S. Dev Nath, Librarian, Gauhati University, Dr. Mukesh Saikia, Librarian, Tezpur University, Dr. Utpal Das,

Deputy Librarian, Dibrugarh University, Dr. F. R. Sumer, Deputy Librarian, North Eastern Hills University, Dr. Tilak Hazarika, Assistant Professor, Gauhati University and Mr. Gunadeep Chetia, Programmer, Dibrugarh University participated in the training programme as faculty from the North Eastern Region. Moreover, Prof. Prabuddha Ganguli, Visiting Professor, IPR, IIT Kharagpur, joined along with experts from INFLIBNET Centre, i.e. Mr. V. Raja, Scientist C, Mr. Kamlesh Vegad and Mr. Anupam Goswami.

Besides training on SOUL 2.0 software, hands-on training was also imparted in other related fields of library automation and e-resource management using state-of-the-art facilities available in the LNB Library. Each participant was given a PC for effective and efficient training. Participants were given a programme kit consisting of study materials in CD/DVD format and printed lecture notes.



**Participants of INFLIBNET Regional Training Programme on Library Automation (IRTPLA), Dibrugarh University, Dibrugarh, Assam**

# User Awareness Programme on Research Ethics, Plagiarism and Reference Management

Three-day National Workshop on Research Ethics, Plagiarism and Reference Management, Mizoram University, Aizwal, 11<sup>th</sup> – 13<sup>th</sup> April, 2018



**Participants of National Workshop cum Training Program on Research Ethics, Plagiarism and Reference Management, Mizoram University, Aizawl**

The three-day National Workshop on “Research Ethics, Plagiarism and Reference Management” organized by the Department of Library and Information Science, Mizoram University, Aizwal in collaboration with INFLIBNET Centre on 11<sup>th</sup> – 13<sup>th</sup> April, 2018. Dr. Manoj Kumar Verma, Workshop Coordinator and Assistant Professor of Department of Library & Information Science coordinated the programme. Prof. S. N. Singh, Head, Department of Library & Information Science welcomed the participants and guests. Prof. K. R. S. Sambasiva Rao, Hon’ble Vice Chancellor, inaugurated the programme by lighting the lamp with other dignitaries on the dais. In his inaugural address, he emphasized the

importance of imparting training programmes on the research methodology and tools for conducting qualitative research. He emphatically condemned the current practices prevalent amongst researchers and research supervisors in Indian universities and suggested to strictly follow prescribed ethical practices in conducting research as well as in writing plagiarism-free research papers.

Mr. Manoj Kumar K, Scientist D (CS), INFLIBNET Centre, was the Guest of Honour and resource person along with Dr. Miteshkumar Pandya, Scientist B(LS), INFLIBNET Centre. In his address, Mr. Manoj Kumar K cited several examples of plagiarism by Indian scientists and its



consequences. He stated the role that Shodhganga in playing in reducing duplication of research. He stressed upon the need to avoid plagiarism at any cost. He briefly informed the important aspects of plagiarism draft policy proposed by UGC which is being circulated to the Indian universities for comments. Dr. Miteshkumar Pandya explained the importance of references in writing research papers and use of reference management tools. He

elaborated upon steps to be followed for downloading and installing Zotero and Mendeley reference management tools along with plugins that are required.

More than 50 faculty members and research scholars participated in the programme. Dr. Akhandanand Shukla, Co-coordinator of the National Workshop proposed a formal vote of thanks at the end of the inaugural session.

## One-Day User Awareness Programme on Plagiarism, Central University of Rajasthan, Bandar Sindri, 23<sup>rd</sup> April 2018.



**Mr. Manoj Kumar K, Scientist D (CS), INFLIBNET Centre, on the dais during One Day User Awareness Programme on Plagiarism” organized by the Central University of Rajasthan**

One-Day User Awareness Programme on Plagiarism was in the Central University of Rajasthan, Bandar Sindri on 23<sup>rd</sup> April 2018. Dr. Vijayakumar M, Librarian, Central University of Rajasthan coordinator of the programme, welcomed the guests and participants. Prof. Neeraj Gupta, Officiating Vice Chancellor, Central University of Rajasthan inaugurated the Programme by lighting the ceremonial lamp along with Dr. Ramesh Gaur, Director and Head, Indira Gandhi National Centre for the Arts (IGNCA), Mr. Manoj Kumar K, Scientist-D (CS), INFLIBNET

Centre and Dr. Vijayakumar M, Librarian, Central University of Rajasthan. In his inaugural address, Prof. Neeraj Gupta stressed upon the need and importance of having awareness amongst each and every student on plagiarism. He highlighted some of the examples of plagiarism by Indian scientists and its consequences.

Mr. Manoj Kumar K., Scientist D(CS), INFLIBNET Centre, was the resource person. He delivered a talk on “Research Ethics and Anti Plagiarism Issues & Tools”. The session was highly interactive with a number of questions from the audiences.



## Specialized Training Programmes/National Workshops/ National Conferences

"INFLIBNET – MOOC Coordinator Two Days National workshop" Central University of Himachal Pradesh, Dharmashala from 10<sup>th</sup> to 11<sup>th</sup> May 2018



**Prof. I V Malhan, Dr. Jagdish Arora, Prof. Jagtar Singh and Prof. M P Satija at National Workshop on MOOCs for Coordinator of LIS jointly organized by INFLIBNET and CUHP**

INFLIBNET Centre organized Two-day National Workshop for MOOC Coordinators under the subject Library and Information Science in collaboration with the Central University of Himachal Pradesh which was held during 10<sup>th</sup>-11<sup>th</sup> May 2018 at Central University of Himachal Pradesh, Dharmashala.

On the first day, Prof. I V Malhan welcomed all the participants and explained the role of the Central University of Himachal Pradesh for transferring the credit to the course under the subject Library and

Information Science. Dr. Jagdish Arora, Director, INFLIBNET Centre in his talk discussed the importance of MOOC courses and its benefits to the academic community. Prof. Dinesh Gupta, made a presentation on role and responsibilities of the course coordinators to promote the MOOC courses among the academic community. Mr Kannan P, Scientist C made a presentation on the life cycle of the MOOC course and familiarisation of the MOOC Platform.

In the second day, MoU was signed between the Central University of Himachal Pradesh and INFLIBNET Centre by the VC of Central University of Himachal Pradesh and Director, INFLIBNET Centre to transfer the MOOC course credit under the subject Library and Information Science. Also, course content of the seven MOOC courses (Booklet and Digital version) released by Prof. Kuldip Chand Agnihotri, Vice Chancellor, Central University of Himachal Pradesh. The two-day programme was coordinated by Mr Kannan, Scientist C, INFLIBNET Centre.

After the detailed discussion, the course coordinators recommended the following suggestions to improve the course delivery in all the MOOC Courses:

1. Since the student enrolment date differ from university to university, all the MOOC courses may uniformly start after 15th August (First Semester) and 1st December (Second Semester);
2. The course coordinators and host institute

may send a communication to all the Universities about the MOOC courses;

3. Student may be allowed to enrol from 1st to 3rd semester to avoid delay in the final semester;
4. The National Coordinator should direct the course coordinators and host institute to consider the credit preferably in even number based on the number of modules and number of hours required by the student to complete the course, which is the regular practice in most of the Universities;
5. The SWAYAM portal does not have the option to change the assignment marks. The National Coordinator (NC) may request the SWAYAM developers to enable the option to change the assignment marks by the course coordinator; and
6. The UGC and MHRD should direct the participating university to conduct the examination to their own students and coordinate the examination for the lifelong learners.

List of Participants with their affiliation:

S. No.	Paper Name	PC Name	Organization
1	Knowledge Society	Prof. K S Raghavan	Rtd. Professor, DRTC, Bangalore
2	Knowledge Organization and Processing - Classification	Prof. M P Satija	Rtd. Professor, Guru Nanak Dev University
3	Information Communication Technology for Libraries	Dr. Usha Munshi	Librarian, IIPA, New Delhi
4	Management of Libraries and Information Centres & Knowledge Centres	Prof. Dinesh Gupta	Associate Professor, V. M. Open Univ., Kota
5	Digital Libraries	Dr. Jagdish Arora	Director, INFLIBNET Center Gandhinagar
6	Informetrics & Scientometrics	Prof. I K Ravichandra Rao	Rtd. Director, DRTC, Bangalore
7	Academic Libraries	Prof. Jagtar Singh	Rtd. Professor & Head, Dept of Library & Inf. Science, Punjabi University, Patiala
8	Special and Research Libraries	Prof. I.V. Malhan	Professor, Head & Dean, CUHP, Dharamshala

## Five-day National Workshop on Research Data and Statistical Analysis using R Programming, INFLIBNET Centre, Gandhinagar, 14<sup>th</sup> - 18<sup>th</sup> May, 2018

Five-day National Workshop on Research Data and Statistical Analysis using R Programming was organized from 14<sup>th</sup> - 18<sup>th</sup> May, 2018 at INFLIBNET Centre, Gandhinagar. Mr. Hitesh Solanki and Mr. Divyakant Vaghela, Scientists B (CS) and Mr. H G Hosamani, Scientist C (LS) coordinated the programme. Dr. K. S. Dasgupta, Director, DA-IICT, Gandhinagar inaugurated the Workshop. The aim of this Workshop was to provide hands-on training

in understanding the concepts in data science and statistical analysis using R programming to the participants. The R programming language is one of the most widely used programming language among the data scientists and researchers. Details of lectures delivered by experts during the training programme are as follows:

Topics	Name of the Expert
INFLIBNET Activities and Services	Mr. Manoj Kumar K., Scientist D (CS), INFLIBNET
Introduction to R Programming (Installation, getting Started R, RStudio)	Mr. Vijay Shrimali, STA (CS), INFLIBNET Centre
Data Types in R (Constants, vectors, matrix, dataframes, lists)	Mr. Divyakant Vaghela, Scientist B(CS), INFLIBNET Centre
Introduction to R Programming (Data Handling in R)	Ms. Mitisha Vaidya Project Officer (CS), INFLIBNET
Introduction to R Programming (Working with Functions, Summary Measures)	Mr. Divyakant Vaghela, Scientist B(CS), INFLIBNET Centre
Data Visualization using R: Base, lattice and ggplot packages	Mr. Hitesh Solanki, Scientist B (CS), INFLIBNET Centre
Statistical Analysis using R (Hypothesis Testing -I (Parametric))	Mr. Hitesh Solanki, Scientist B (CS), INFLIBNET Centre
Statistical Analysis using R (Simple and Multiple Regression Analysis)	Dr. R. D. Chaudhari, Associate Professor, M G Science Institute
Statistical Analysis using R (Factor Analysis)	Dr. Dharmesh Raykundaliya, Assistant Professor, Sardar Patel University
Statistical Analysis using R (Analysis of Variance (One Way and Two Way ANOVA))	Dr. R. D. Chaudhari, Associate Professor, M G Science Institute
Statistical Analysis using R (Logistic Regression)	Dr. Dharmesh Raykundaliya, Assist. Prof. S P Univ.
Statistical Analysis using R (Time Series Analysis)	Dr. Dharmesh Raykundaliya, Assistant Professor, Sardar Patel University
Statistical Analysis using R (Hypothesis Testing -II (Non Parametric))	Dr. R. D. Chaudhari, Associate Professor, M G Science Institute
Reproducible Research using Rstudio (knitr and markdown packages, bookdown packages and blogs, website)	Dr. R. D. Chaudhari, Associate Professor, M G Science Institute





**Participants of National Workshop on Research Data and Statistical Analysis using R Programming, INFLIBNET Centre, Gandhinagar**

Mr. Vijay Shrimali, STA (CS) and Ms. Mitisha Vaidya, Project Officer (CS) were resource persons in practical sessions of the training programme. The certificates of participation were distributed at

the end of programme. 34 participants including IT professionals, LIS professionals and research scholars attended the programme.

### Three-Day National Workshop on Metadata Standards: Retrospective Conversion, Preservation and Migration, INFLIBNET Centre, Gandhinagar, 6<sup>th</sup>-8<sup>th</sup> June 2018

Three-Day National Workshop on Metadata Standards: Retrospective Conversion, Preservation and Migration was organized by the INFLIBNET Centre, Gandhinagar from 6<sup>th</sup> - 8<sup>th</sup> June, 2018. Mrs. Vaishali Shah, Scientist-B (LS) and Dr. Miteshkumar Pandya, Scientist B (LS), INFLIBNET Centre coordinated the Workshop. Dr. G.K. Manjunath, Director Libraries, Ahmedabad University was invited as a Chief Guest. He

thanked Director, INFLIBNET Centre for inviting him for inaugurating the workshop. He shared his technical experience in data conversion especially CCF to MARC21 with participants. Sh. Manoj Kumar K, Scientist – D (CS) presided over the function. Mrs. Vaishali Shah gave brief details of the workshop and talked about the importance of standards in library. Nine participants attended the workshop. Dr. Miteshkumar Pandya extended a

warm vote of thanks to authorities. The National Workshop covered theoretical and practical sessions on Metadata Standards. Details of lectures

delivered by experts during the training programme are as follows:

Topics	Name of the Expert
INFLIBNET Activities and Services	Mr. Ashok Kumar Rai, Scientist – D (CS),
Importance of Metadata and Overview of Metadata Standards	Mr. Dinesh Pradhan, Scientist - B (LS), INFLIBNET
Understanding MARC21, MARCXML and Dublin Core	Smt. Vaishali Shah, Scientist – B (LS), INFLIBNET
Hands-On Demonstration: Copy Cataloguing and XL2MARCXML Utility Developed by the INFLIBNET Centre	Mr. Vijay Kumar Shrimali, STA-I (CS), INFLIBNET
Retrospective Conversion: Introduction, Need, Scope, Planning, Method & Steps: Hands on Practice	Smt. Vaishali Shah, Scientist – B (LS), INFLIBNET
Insights for Converting Multilingual Bibliographic Data	Mr. Yatrik Patel, Scientist - D (CS), INFLIBNET
Retrospective Conversion of Metadata (Books and Journal Articles) using ISISMARC	Dr. Miteshkumar Pandya, Scientist – B (LS), INFLIBNET
Data Migration using MARCEdit	Smt. Vaishali Shah, Scientist – B (LS) , INFLIBNET
Understanding Metadata Harvesting & Preservation	Dr. Miteshkumar Pandya, Scientist - B (LS) , INFLIBNET



**Participants of National Workshop on Metadata Standards: Retrospective Conversion, Preservation and Migration was organized at INFLIBNET Centre, Gandhinagar**



## Three-Day National Workshop on Federated Identity and Access Management (INFED), INFLIBNET Centre, Gandhinagar, 13<sup>th</sup> to 15<sup>th</sup> June 2018

Three-Day National Workshop on Federated Identity and Access Management (INFED) was organized at the INFLIBNET Centre, Gandhinagar from 13<sup>th</sup> - 15<sup>th</sup> June 2018. Mr. Ashok Kumar Rai, Scientist D (CS), Mr. Yatrik Patel, Scientist D (CS) and Mr. Raja V, Scientist B (CS) coordinated the Workshop. Mr. Yatrik Patel, Scientist D (CS) welcomed the participants and gave an overview

of the programme. Sh. Manoj Kumar K, Scientist D (CS), INFLIBNET Centre, inaugurated the Workshop. Mr. Raja V. extended a warm vote of thanks at the end of the inaugural session. 9 participants from various part of India attended the programme. Details of lectures delivered by experts during the training programme are as follows:

Topics	Name of the Expert
eShodhSindhu and INFIDStats- Overview	Mr. Dinesh Pradhan, Scientist B(LS), INFLIBNET
Internet Security	Mr. Gaurav Prakash, Scientist B(CS), INFLIBNET
Introduction to INFED	Mr. Ashok Kumar Rai, Scientist D (CS), INFLIBNET
Virtualization and Linux: Basic Commands	Mr. Hitesh Solanki, Scientist B(CS), INFLIBNET
SSL Overview	Ms. Vaishali Prajapati, Project Assistant, INFLIBNET
Shibboleth IdP Installation and configuration, LDAP Installation, LDAP Account Manager Configuration and INFEDStats Features	Mr. Raja V, Scientist B(CS), INFLIBNET Centre
LDAP User Management via LAM	Mr. Siva Shankar K, Scientist B (LS), INFLIBNET
IdP Backup and Restore	Mr. Swapnil Patel, Scientist B(CS), INFLIBNET



**Participants of National Workshop on Federated Identity and Access Management (INFED) at INFLIBNET Centre, Gandhinagar**

## Three-day Training Programme on E-resources Management, INFLIBNET Centre, Gandhinagar, 20<sup>th</sup> - 22<sup>nd</sup> June, 2018



### Participants of Training Programme on E-resources Management, INFLIBNET Centre, Gandhinagar

Three-day Training Programme on E-resources Management was organized at INFLIBNET Centre, Gandhinagar from 20<sup>th</sup> - 22<sup>nd</sup> June, 2018. Mr Ashok Kumar Rai, Scientist D (CS) and Mr. Dinesh Ranjan Pradhan, Scientist – B (LS) coordinated the Workshop. Mr Ashok Kumar Rai, Scientist D (CS) welcomed the participants and gave an overview of the programme. Mr. Manoj Kumar K, Scientist D

(CS), INFLIBNET Centre, inaugurated the Workshop. Mr. Dinesh Ranjan Pradhan extended a warm vote of thanks at the end of the inaugural session. 25 participants from various part of India attended the programme. Details of lectures delivered by experts during the training programme were as follows:

Topics	Name of the Expert
Electronic Resources Management: Life Cycle, Licensing, Negotiation and more...	Dr. T S Kumbar, Librarian, IIT Gandhinagar
Overview ERM Software with Special Reference to CORAL	Mr. Pallab Pradhan, Scientist B(LS), INFLIBNET Centre
Access Management of e-Resources (off-campus & on-campus)	Mr. Yatrik Patel, Scientist D (CS), INFLIBNET Centre
CORAL ERM Installation, Organization & Management Module	Mr. Hitesh Solanki, Scientist B(CS), INFLIBNET Centre
Discovery Services for e-resources	Dr. G K Upadhyaya, EBSCO Information Services
CORAL: Resources Module	Dr. Miteshkumar Pandya, Scientist B(LS), INFLIBNET

Topics	Name of the Expert
Understanding License Agreements for subscription of e-Resources & Negotiation Skills	Mr. Ashok Kumar Rai, Scientist D(CS), INFLIBNET Centre
CORAL: Licensing Module	Dr. Kruti J Trivedi, Scientist B(LS), INFLIBNET
Economics of e-resources & Evaluation	Dr. Kruti J Trivedi, Scientist B(LS), INFLIBNET
COUNTER & SUSHI Usage Standards & CORAL Usage Statistics Module	Mr. Dinesh Pradhan, Scientist B(LS), INFLIBNET
CORAL Add-on Installation & Configuration	Mr. Hitesh Solanki, Scientist B(CS), INFLIBNET

## Welcome to the New Members of Governing Board, INFLIBNET Centre

Prof. Yogesh Singh, Vice Chancellor, Delhi Technological University and Chairman, Governing Board, INFLIBNET Centre, Gandhinagar



Google Scholar as on August 04, 2017. He has also supervised 23 Ph.Ds in the area of Software Engineering. He is listed as the third best amongst the most productive Indian authors for participating in Software Engineering Research reported in "Indian Computer Science Research Output during 1999-2008, Qualitative Analysis" Journal of Library & Information Technology, November 2010. He has more than 250 publications in international and national journals/ conferences.

Prof. Yogesh Singh is the third Vice Chancellor of Delhi Technological University. He was the fifth Director of Netaji Subhas Institute of Technology, Delhi (December 31, 2014 to July 24, 2017). He was Vice Chancellor of Maharaja Sayajirao University of Baroda, Gujarat for two terms, i.e. July 07, 2011 to December 29, 2014.

Prof. Yogesh Singh has excellent track record of quality teaching, innovation and research with 'h' index of 27 and citation index of 2481, reported by

He received M.Tech. (Electronics & Communication Engineering) and Ph.D.(Computer Engineering) degrees from National Institute of Technology, Kurukshetra, Haryana. Prof. Yogesh Singh has also authored a book on "Software Testing" published by Cambridge University Press, England. He has also co-authored books on Software Engineering published by New Age International Delhi (2002), and Object Oriented Software Engineering published by PHI Learning, Delhi.



Prof. Singh was the Chairman, Central Regional Committee, All India Council for Technical Education, Bhopal (covering States of Madhya Pradesh, Chhattisgarh & Gujarat) from December 2011 to May 2014. He was member of the General Council of National Assessment and Accreditation Council (NAAC) and was also the member of the Governing Council of Association of Indian Universities. He is also an independent Director of Gujarat State Petro Net Ltd. and Gujarat State Petroleum Corporations Ltd. (Government of Gujarat Undertakings) since May, 2013 and March, 2015 respectively.

He has served as Dean, University School of Information Technology (2001-2006), Controller of Examinations (2006-2011), Director Students Welfare of Guru Gobind Singh Indraprastha University, Delhi. He has participated in the prestigious "Yale-India Leadership Programme" at Yale University, USA. He visited Columbia University, New York State University, Stony Brook University and Cooper Union College under the aegis of this Programme. He also participated in the "Times Higher Education Young Universities Summit 2018" at Tampa, Florida, USA.

## Prof. Pratosh Bansal, Member, Governing Board, INFLIBNET Centre, Gandhinagar



Dr. Pratosh Bansal is Professor in Information Technology Department of Institute of Engineering & Technology (IET), a UTD of Devi Ahilya University, Indore (DAVV). He did his graduation in Mechanical Engineering from Govt. Engineering College, Jabalpur and M. Tech. in Energy Management from DAVV. After joining IET, he was deputed to do M. Tech. in Computer Science. He was awarded Ph. D. (Computer Engineering) in 2011. Dr. Bansal established Heat Transfer and Refrigeration Laboratory at Mechanical Engineering

Department. He was key member in developing and implementing MIS, designing/redesigning various forms for better information flow, website, document repository, work flow system, compliance reports of AICTE, NAAC SSR, World Bank Project Reports, institute's brochure and magazine, co-curricular and extra-curricular activities, curriculum designing and energy audit, etc.

He was Coordinator of Career and Development Cell, OSD (Central Valuation Centre, DAVV) and Member of various committees for corporate life enrichment like youth festival, convocation, University Examination Automation Committee and University Web Site Reform Committee, etc. Dr. Bansal was also a member of Technical Cell of the Hon'ble Vice Chancellor of DAVV (2012-2015).

He was Vice-President of CSI Indore Chapter. Dr. Bansal served as National Coordinator for

VidyarthiVigyanMantahn (A Project for School Level Students by VigyanBharati, An NGO working for National Science Movement). He is also active member of an NGO Art of Living.

In addition to his teaching assignments, Dr. Bansal was also In-charge of Training & Placement of IET wherein he contributed substantially in enriching institute-industry interaction. He served as Group CEO for a fast growing chemical company for one year.

Presently, Dr. Bansal is handling various responsibilities at Institute and at University Level. He is Director, IQAC of the University. He is Professor In-charge of Civil Engineering Department, Professor In-charge of IET-Campus (Development and Maintenance), Professor In-

charge of CSI Student Chapter (IET) and Professor In-charge of IET Incubation Centre. He is Chairman, BOS (IT) (2016-19) and member of Academic Council of DAVV. He is as Member of NAAC Peer Team.

Dr. Bansal has published several research papers in various journals and conferences. He has also delivered technical and motivational lectures in academic institutions and conferences. His areas of current interest are- Enterprise Resource Planning, Knowledge Management, E-Commerce, Digital Forensics, Cloud Computing, Green IT and Energy Management.

## Prof. B K Tripathi, Member, Governing Board, INFLIBNET Centre, Gandhinagar



Prof. B K Tripathi is the Director of Inter-university Centre for Teacher Education, Banaras Hindu University, Varanasi. Prior to joining his current assignment, Prof. Tripathi was Joint Director, NCERT, New Delhi. He has done his B.Sc (Zoology Hons.), M.Sc. (Zoology) and Ph.D. (Zoology), from Banaras Hindu University, Varanasi. He supervised 3 Ph.D students and undertook two research

projects from Department of Environment (DOE) and Department of Science and Technology (DST), Government of India. During his research and academic careers he visited WHO, Yangon, Myanmar; Korea Science Foundation, Seoul, S. Korea; North-western University, Evanston, USA; Southern Illinois University, Carbondale, USA; Wisconsin University, Parkside, Kenosha, USA; University of Hongkong, Hongkong; Weseda University, Tokyo, Japan; Tokyo Medical and Dental University, Tokyo, Japan; Nara Women's University, Nara, Japan; Erasmus School of Medical Science, Rotterdam, Holland and University of Liege, Liege, Belgium.

He has received Certificate of merit (1989) of Indian Science Congress Association (ISCA), Boyscast Fellowship (1991) of Department of Science and

Technology (DST). He is a Life Member of academic societies such as Indian society of Chronobiology, Indian society for General and Comparative Endocrinology and Indian Science Congress Association. He was member of various committees including Member, Selection Committee, BHU, Varanasi (2009, 2010); Member, Courses Committee, CBSE, New Delhi (2009, 2010); Member, UPSC Examination, New Delhi (2009, 2010); Member, Selection Committee, KVS, New Delhi (2008, 2009); Examiner of Ph.D and Post Graduate in Universities, 2005 onwards.

He gave special presentations at "Interaction meet of BOYCAST FELLOWS, BARC, Bombay, India, organised by DST, March 18-20, 1996 (Invited Presentation)"; India National Science Academy (INSA), "Young Scientist Award Presentation", New

Delhi 19th April 1989" and Indian Science Congress Association (ISCA); Designing Curriculum and Syllabus and Development of Teaching Learning Materials at Secondary and Senior Secondary Level in Science and Biology.

He has published several research papers in various journals and conferences. He has also delivered various technical and motivational lectures in academic institutions, conferences/symposium.

The current areas of interest include Stereotaxic neuro-surgeries: lesioning, cannulation and transplantations; Radioimmunoassay and Immunohistochemistry; Pharmacological manipulation of behaviour.

**Dr. N Saravana Kumar, Representative of MHRD (e-ShodhSindhu), Member, Governing Board, INFLIBNET Centre, Gandhinagar**



Dr. N Saravana Kumar is Joint Secretary (ICC, & TEL) Government of India, Ministry of Human Resource Development, Department of Higher Education, Government of India. Prior to this position, is served as District Magistrate Patna, Government of Bihar from Jan 2013 to Jul 2014.

## New Project @ INFLIBNET Centre

IRINS is web-based Research Information Management (RIM) service provided by the Information and Library Network (INFLIBNET) Centre, An Inter-University Centre of University Grants Commission, Gandhinagar, Gujarat. The portal facilitates academic, R&D organisations and faculty members, scientists to collect, curate and showcase the scholarly communication activities and provide an opportunity to create a scholarly network. The IRINS is available as free software-as-service to the academic and R&D organisations in India.

The IRINS supports integration of existing research management system such as HR system, course management, grant management system, institutional repository, open and commercial citation databases, scholarly publishers, etc. It is integrated with academic identity such as ORCID ID, ScopusID, Research ID, Microsoft Academic ID, Google Scholar ID for ingesting the scholarly publications from various sources.

### Successful IRINS instance are as follows:

Sl. No	Institute Name	URL
1	Indian Institute of Science	<a href="http://iiscprofiles.irins.org/">http://iiscprofiles.irins.org/</a>
2	Central University of TamilNadu	<a href="http://cutn.irins.org/">http://cutn.irins.org/</a>
3	Central University of Punjab	<a href="http://cup.irins.org/">http://cup.irins.org/</a>
4	Central University of Pondicherry	<a href="http://pondiuni.irins.org/">http://pondiuni.irins.org/</a>
5	National Institute for Interdisciplinary Science & Technology	<a href="http://niist.irins.org/">http://niist.irins.org/</a>
6	Indian Institute of Technology, Madras	<a href="http://iitm.irins.org/">http://iitm.irins.org/</a>
7	National Aerospace Laboratories	<a href="http://nal.irins.org/">http://nal.irins.org/</a>
8	Delhi Technological University	<a href="http://dtu.irins.org/">http://dtu.irins.org/</a>
9	National Institute of Karnataka, Surathkal	<a href="http://nitk.irins.org/">http://nitk.irins.org/</a>
10	Alagappa University, Tamil Nadu	<a href="http://alagappauniversity.irins.org/">http://alagappauniversity.irins.org/</a>

## India Rankings 2018: At a Glance

Abhishek Kumar, Scientist C (CS)

India Ranking 2018 is 3<sup>rd</sup> annual exercise of NIRF (National Institutional Ranking Framework). Which attempts to further consolidate and improve over the last two exercises undertaken in 2016 and 2017. This year's rankings continues with the practice of providing a common overall rank and in addition, a separate rank for universities, and discipline-specific ranks in the disciplines of Engineering, Management and Pharmacy as well as three new discipline-specific ranks in Law, Medical and Architecture. General degree colleges are also ranked for the second consecutive year with much larger participation of colleges. INFLIBNET was entrusted with the responsibility of carrying out the implementation of the NIRF. This paper provides an overview of India Ranking 2018 and some findings on last three years annual exercise of NIRF.

### 1. Introduction

There has been a proliferation of colleges and universities which, unfortunately are inadequately equipped and staffed, which led to an alarming decline in standards of education. It is therefore, not surprising that Indian universities do not find any place in first 100 among any of the world Ranking of Universities. Mr. Ben Sowter, Head of Research at QS World University rankings ([www.topuniversities.com](http://www.topuniversities.com)) said that "with an economy the size of India's, it's a fundamental need for Indian higher education to be more globally competitive."

This paved the way to formation of National Institutional Ranking Framework (NIRF) in the year 2015 by MHRD which was implemented in the year 2016 and 2017 and ranked education institutions across the country. The framework outline with a methodology, various broad parameter namely "Teaching, Learning and

Resources," "Research and Professional Practices," "Graduation Outcomes," "Outreach and Inclusivity," and "Perception". One of the major outcomes of India rankings is that institutions are getting into the good habit of compiling vital statistics of their institutions - about their faculty, staff and infrastructure - more carefully and meticulously. This can only bode well for the institutions, especially for assessing themselves against internal benchmarks. At the national level, the data can be very useful as indicators on the status of higher Education Institutions in the country.

### 2. Core Parameters of India Rankings

The NIRF provides for ranking of institutions in five broad generic parameters depicted in Figure 1. , namely: i) Teaching, Learning and Resources; ii) Research and Professional Practice iii) Graduation Outcomes; iv) Outreach and Inclusivity; and v) Perception.



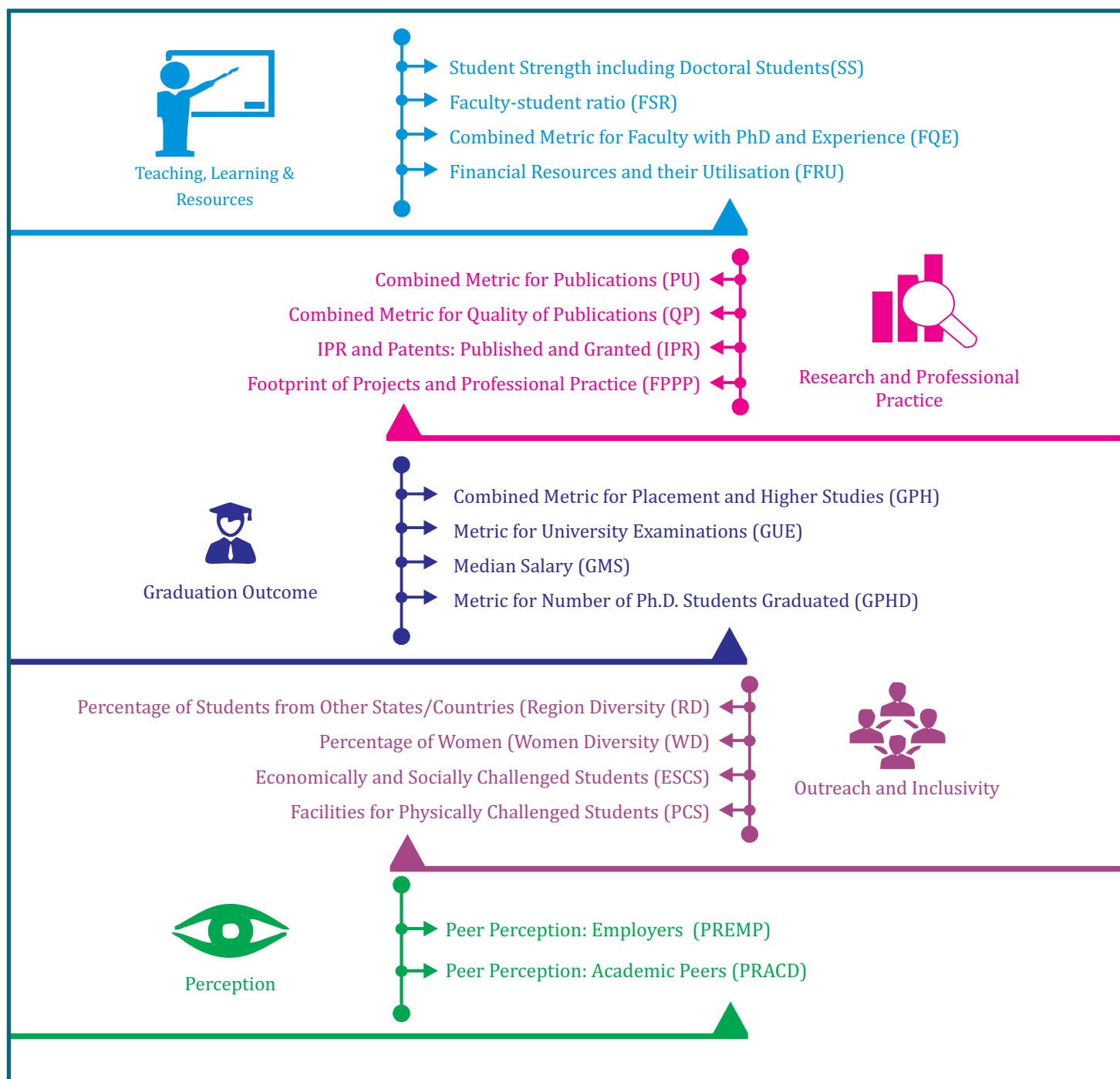


Figure 1: NIRF - Ranking of institutions in five broad generic parameters

### 3. Major Changes Introduced in India Rankings 2018

Taking cue from experience in ranking of institutes in the previous two years, the following changes have been introduced in India Rankings 2018

- I) Indian Citation Index (ICI) was discontinued as a source data for publications and citations, considering the fact that ICI indexes several journals that did not qualify the journal filtering criteria evolved by UGC for their inclusion in its approved list. As a consequence, the number of additional

journals covered through ICI is then rendered insignificant.

- ii) More than 8,000 institutions that qualified a few pre-defined basic parameters - such as number of students enrolled etc., were picked up from the All India Survey on Higher Education (AISHE) database. After further pre-filtering, 1456 unique institutes from this list were pre-registered for India Rankings-2018, along with porting of their data from the AISHE database. This is the first attempt to link the AISHE database with the ranking effort.
- iii) Data on patents published and patents granted only are considered this year for ranking purposes. Data on patents applied for and earnings from patents could not be authenticated in most cases (barring a few renowned institutions) and hence not considered this year. We continue to regard earnings from patents an important sub-parameter, but had to abandon it due to large unverifiable claims made by a good number of institutions.
- iv) Capturing data on institutional perception from academic and industrial peers. However, public perception was discontinued this year to avoid gaming and manipulations reported in previous rankings.
- v) While score computation methodologies for the parameters are similar for the overall, discipline-specific and category-specific rankings on most counts, the weights are somewhat different on a few parameters. This is to take into account the discipline-specific

/category-specific issues. As an example, the weight for research is very small for general degree colleges, as compared to discipline-specific and overall rankings.

There have also been a few very minor changes in the performance metrics with a view to effect better discrimination amongst the top, middle, low and very low levels of performance on a given parameter. The simple percentile based metric used in 2016 was inadequate for this purpose, and the alternative non-linear metrics devised in 2017 were used this year as well.

#### 4. Participation

In order to encourage larger participation in India Rankings, all institutions that had applied in the previous years as well those who fulfilled pre-defined thresholds in terms of number of students enrolled in the AISHE database, were pre-registered for India Rankings 2018 and invited to participate in the ranking exercise. In addition, other institutes desirous of participating in the India Rankings 2018 were invited to register on the NIRF Web portal through a public advertisement.

The final picture of participation under different subjects / categories of institutions is summarised in Tables 1 & 2.

Category / Discipline	Total No. of Institutes	CFTIs CFUs	Other Universities
Overall	957	89	315
Engineering	906	61	139
Management	487	28	95
Pharmacy	286	5	55
Architecture	59	9	26
College	1087	1	10
Medical	101	2	40
Law	71	4	41
Total	3954	199	721

**Table 1: Participation Numbers for Overall, Disciplines and Category-specific Rankings**

Discipline / Region	Overall	Engg	Management	Pharmacy	Architecture	Colleges	Medical	Law
North	180	121	101	45	17	113	29	21
North-east	24	17	7	3	0	50	1	3
South	276	285	130	51	17	308	37	9
South-east	190	226	119	80	6	326	6	11
East	74	69	27	17	6	49	4	8
West	213	188	103	90	13	241	24	19
Total	957	906	487	286	59	1087	101	71

**Table 3: Region-wise Distribution of Institutes Registered for India Rankings 2018**

## 5. Rankings 2018

India Rankings 2018 was launched on 3rd April 2018 at Vigyan Bhawan by Hon'ble Minister of HRD in the following category:

Disciplines	Rank & rank-band
Overall, Engineering, University, College	Rank: Top 100 Rank band: 101-150 & 151-200
Management, Pharmacy	Rank: Top 50 Rank band: 51-75 & 76-100
Law	Rank: Top 25
Architecture, Medical	Rank: Top 10

**Table 3: NIRF - Major Disciplines; Rank & Rank-band**



## 6. Ranking Journey of Three Annual Exercise

India Rankings 2018 was third annual exercise of NIRF. There are following finding comes in these three year ranking:

### 6.1 Category / discipline of Ranking

The NIRF announced ranking in four disciplines in first year and gradually increased to six disciplines in 2017 and to nine in year 2018 as per the details given below:

2016	2017	2018
Universities, Engineering, Management & Pharmacy	Overall, Universities, Engineering, Management, Pharmacy & colleges	Overall, Universities, Engineering, Management, Pharmacy, colleges, Law (top-25), Architecture (top-10) and Medical (top-10)

Table 4: NIRF - Category / discipline of Ranking

### 6.2 Rank and Rank band

Initially NIRF assigned rank to top 100 institutes in university and Engineering discipline and top 50 in Management and Pharmacy. IR-17 and IR-18 announced rank-band along with top 100 institutes in overall, university, engineering as shown in table given below:

2016	2017	2018
Universities, Engineering, Management & Pharmacy	Overall, Universities, Engineering, Management, Pharmacy & colleges	Overall, Universities, Engineering, Management, Pharmacy, colleges, Law (top-25), Architecture (top-10) and Medical (top-10)

Table 4: NIRF - Category / discipline of Ranking

## 6.3 Ranking Parameters

There are five common parameters that are being used for NIRF since its inspection. However, there are several changes that were done in the sub parameters. Major changes are as follows:

- Public perception was removed since last two years.
- ICI database for publication and citation was removed in IR-2018.
- All financial details are being asked in capital and operation budget since last two years.
- New disciplines, Law and Medical introduced in IR-2018
- Many components dropped due to garbage data such as entrepreneurship, admission in top-100, workshops, etc

## 6.4 Ranking Calculation

NIRF ranking is purely based on relative values as well as abstract for some parameters. First year relative calculation was based on percentile and after that relative calculation was log-based.

## 7. Conclusion

One of the major outcomes of India rankings is that institutions are getting into the good habit of compiling vital statistics of their institutions - about their faculty, staff and infrastructure - more carefully and meticulously. This can only bode well for the institutions, especially for assessing themselves against internal benchmarks. At the national level, the data can serve as very useful as basis for analysis of the status of Higher Education Institutions in the country

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## Visitors

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Dr. K. S. Dasgupta, Director, DA-IICT, Gandhinagar

Dr. G. K. Manjunath, Director Libraries, Ahmedabad University



**Mr. Hitesh Solanki, Mr. Dharmesh A. Shah, Dr. Kruti Trivedi, Mr. Abhishek Kumar & Mr. Mohit Kumar including Dr. Jagdish Arora were invited for 'India Rankings 2018' Award Ceremony at Vignan Bhawan, New Delhi on 3<sup>rd</sup> April, 2018**

### **Dr. Jagdish Arora, Director**

Dr. Jagdish Arora chaired the Meeting of Expert Committee, Ministry of Earth Science Consortium, held on 1<sup>st</sup> May, 2018 at Prithvi Bhawan, New Delhi as its Chairman. As a member of the Standing Committee on Notification on Journals, he attended its meeting held at UGC Main Office, New Delhi on 5<sup>th</sup> June, 2018. He attended the Meeting of the Negotiation and Monitoring Committee of Consortium of e-Resources in Agriculture (CeRA) held on 16<sup>th</sup> April, 2018 at Krishi Anusandhan Bhawan, New Delhi as its member.

He delivered an invited talk on “Developing World Class Universities in India: Data Benchmarking”, during “Developing World Class Universities in India: Role of Data Benchmarking”, organized by International Institute for Higher Education Research and Capacity Building (IIHEd), O. P. Jindal Global University, Sonipat and Times Higher Education (THE) on 2<sup>nd</sup> May, 2018 in India Habitat Centre, New Delhi.

### **Shri Abhishek Kumar**

Mr. Abhishek Kumar was invited to deliver a lecture on SWAYAM to all Deans / HoD of Aligarh Muslim

University on 4<sup>th</sup> April 2018. He was nominated as a member of Technical Advisory Committee on e-Governance at UGC. He was invited to attend meeting on 23<sup>rd</sup> April 2018 at EDCIL, New Delhi for the requirement of Study in India (SII) project.



**Mr. Abhishek Kumar, Scientist-C (CS), INFLIBNET Centre, Gandhinagar, Gujarat received Open Education Award 2018**

Mr. Abhishek Kumar received "Open Education Awards 2018" for Open Education Excellence in recognition of INFLIBNET Repository "VIDYA-MITRA: An Integrated e-Content Portal" on 24<sup>th</sup> April 2018 at Delft, Netherlands. He also attended "OER Global Consortium conference" at Delft University, Delft, the Netherlands from 24<sup>th</sup>-26<sup>th</sup> April 2018.

Mr. Abhishek Kumar was invited to deliver a lecture on e-Learning / MOOCs at the Central University of Rajasthan under Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNTT) on 7<sup>th</sup> May 2018. He delivered a talk and presentation on UGC-MOOCs portal for course coordinator of SWAYAM during the workshop of SWAYAM (PG Courses) on 10<sup>th</sup> May 2018 at UGC, New Delhi. He was invited to attend a meeting on 7<sup>th</sup> May 2018 of NIRF for ICC at NBA, New Delhi. Mr. Abhishek Kumar attended video conference on 8<sup>th</sup> June 2018 with Elizabeth

Mays of Press books for execution of preparation of e-Books.

### **Shri Hitesh Solanki**

He attended Meeting of Study in India at EdCIL India Pvt. Ltd., Noida on 23<sup>rd</sup> April, 2018.

### **Shri Pallab Pradhan**

Mr. Pallab Pradhan, Scientist B (LS) was invited as a resource person to deliver two sessions on ICSSR Data Service on 18<sup>th</sup> May, 2018 during Two-week Capacity Building Programme for Social Science Faculty Members at Department of Education, Nagaland University, Kohima, Nagaland from 8<sup>th</sup> to 21<sup>st</sup> May, 2018. Mr. Pallab Pradhan attended "Three days Orientation Programme on National IPR Policy for PIC Officials & Faculties of State S&T Councils of India" held at Gujarat Science City, Ahmedabad from 26<sup>th</sup> to 28<sup>th</sup> June, 2018.

### **Mrs Hema V Cholin**

Mrs Hema V Cholin was deputed as resource person from INFLIBNET Centre for "INFLIBNET Regional Training Programme on Library Automation (IRTPLA)" along with Mr. Swapnil Patel and Mr. Vijaykumar Shrimali, at Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra, from 16<sup>th</sup> to 20<sup>th</sup> April 2018. Mrs Hema V. Cholin attended one day workshop on Open 'Data and Open Knowledge' held at IIM Ahmedabad on 25<sup>th</sup>, April 2018.

### **Shri Dharmesh A. Shah**

Shri Dharmesh Shah was invited to attend the Meeting on Knowledge Transfer for e-NBA project with HCL on 4<sup>th</sup> and 25<sup>th</sup> April 2018 and on 26<sup>th</sup>



April 2018 with ICICI Bank for Payment Gateway Integration and subsequently 18<sup>th</sup> and 19<sup>th</sup> June 2018 on at NBA Office, New Delhi. As a developer of portal on Unnat Bharat Abhiyan (UBA), he was invited to its launching function on 25<sup>th</sup> April, 2018 at AICTE Auditorium, New Delhi. Meeting related to discussion on e-NBA issue's on 4<sup>th</sup> - 5<sup>th</sup> June 2018 at NBA Office, New Delhi. As one of the major

stakeholders of NDL, Mr. Shah was invited to attended the launching function of National Digital Library (NDL) on 19<sup>th</sup> June 2018 at Vigyan Bhawan, New Delhi. He was invited to attend the meeting on ICT integration and preparing RFP for cloud services on 24<sup>th</sup> to 29<sup>th</sup> June 2018 at NAAC, Bengaluru.

## Staff Achievement

### Shri Harish Chandra



INFLIBNET Centre congratulates Mr. Harish Chandra, Administrative Officer for winning the first prize in “Mount Abu International Trail Marathon 2018” jointly organized by Brahma Kumari's Mount Abu Sports Wing and LS Sports Ahmedabad at Mount Abu on 01<sup>st</sup> April 2018. He was winner of the veteran category men (above 45 years of age) for half marathon of 21.097 Km on the hilly terrain of Tiger Path in the Mt Abu hills. He won the first prize in 7 Km run organised by

Ahmedabad Municipal Corporation (AMC) on 5<sup>th</sup> May 2018 and was runner-up in AFSF Star of India Night Challenger Marathon of 21.097 Km held on 2<sup>nd</sup> June 2018 at Satara, Maharashtra . The Centre wishes for his continued and improved performance in all future events at national and international levels.

# Users Speak

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## Shodhganga

- 1 “It is great work what you are doing. This is very much helpful for the researcher like me and others. I am looking for more and more kind of work for my study”.

Thank you

Denim Anajwala doing Phd in field of Economics and Management  
Research Scholar

- 2 Thanks, to all the concerned persons involved in making this project a reality. The open access to Thesis', hosted by Shodhganga could not only help researchers but also allow the students studying, to study subjects or topics from the eye of a more learned scholar.

I hope such endeavours mushroom often and erase the commercialization of information. Education is not a commodity it is an experience and should be shared as much as possible to nourish a healthy mind of the public.Regards.

Regards.

Pankaj Lochan Das  
Cotton University

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## IRINS

Dear Sir

On Behalf of CSIR-NAL Library, I extend my sincere thanks for the excellent support extended by you and your team in creating CSIR-NAL Research publication profile through your IRINS platform. I have no doubt it is one of the excellent services which will make our publication more visible and interesting to our authors with various metrics. I also wholeheartedly thank for the customization which I requested in adding Patent document type, Google scholar citation profile, and complete metrics in the default author profile. I look forward to a future partnership in making this service more vibrant by adding some more interesting features.

I am happy to note INFLIBNET is doing exceptionally good in other fronts of information services to the nation, I wish it will continue and reach much more heights

Thanking You

Shivaram BS  
Senior Technical Officer  
ICAST, CSIR-NAL,  
PB No. 1779, Kodihalli  
Govt. of India (Autonomous)  
Bangalore-560017

# INDIAN RESEARCH INFORMATION NETWORK SYSTEM



## ABOUT IRINS

IRINS is web-based Research Information Management (RIM) service provided by the Information and Library Network (INFLIBNET) Centre, An Inter-University Centre of University Grants Commission, Gandhinagar, Gujarat. The portal facilitates the academic, R&D organisations and faculty members, scientists to collect, curate and showcase the scholarly communication activities and provide an opportunity to create the scholarly network. The IRINS is available as free software-as-service to the academic and R&D organisations in India.

The IRINS would support to integrate the existing research management system such as HR system, course management, grant management system, institutional repository, open and commercial citation databases, scholarly publishers, etc. It has integrated with academic identity such as ORCID ID, ScopusID, Research ID, Microsoft Academic ID, Google Scholar ID for ingesting the scholarly publication from various sources.



## BENEFIT TO THE STAKEHOLDERS

The IRINS provides great support and create the scholarly network in our country.



### Research Scholar

It provides immense support to find mentors or advisors for their research in the respective domain.

It helps the scholars to locate courses in their subject interests and research focus of the department and organization; and

It provides scholarly metadata related to research interests of faculty members, research focus of the departments and schools.



### Faculty

It supports the faculty members to showcase their research contributions to the peer group.

It provides more significant exposure for their research contributions to the international community and brings funding opportunities from the national and international agencies; and

Improve the research metadata quality and reduce the repetitive data entry for various assessment system.



### Research Administrators

It enables the administrator to build research report, performance assessments and research impact analysis.

Strategically analyses the research progress for better decision making on funding, faculty assessment and resource allocation.

Help the Internal Quality Assurance Cell (IQAC) and National Institutional Ranking Framework Coordinator to generate report for various research assessment.

## KEY FEATURES



### DISCOVERY

Key research area and research progress of schools, departments and faculty members; and

Faceted search facility with number of filters to find experts and their contribution.



### API

Import publications from academic identities such as Microsoft Academic Search ID, Google Scholar ID, Researcher ID, Scopus ID; and

ORCID integration to ingest the profile information with publication.



### VISUALIZATION

Networking of faculty through co-author network, map of science network; and

Graphical representation on productivity of the department and individual faculty member.



### RESEARCH IMPACT

Altmetric from social media such as Facebook, Twitter and Mendeley.

Citation from Scopus, CrossRef and link to Open Access article through ImpactStory.

## Project Showcase



Central University of  
Pondicherry



Indian Institute of  
Science



Central University of  
Tamil Nadu



Central University of  
Punjab

### ABOUT IRINS

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