



MHRD
Govt. of India



IRINS

INDIAN RESEARCH INFORMATION NETWORK SYSTEM

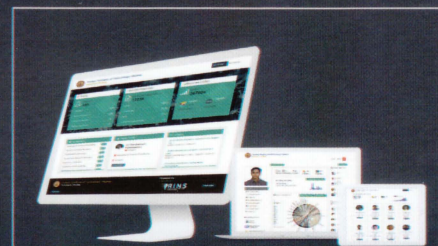


IRINS

INDIAN RESEARCH INFORMATION NETWORK SYSTEM

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

IRINS is web-based Research Information Management (RIM) service developed by the Information and Library Network (INFLIBNET) Centre in collaboration with the Central University of Punjab. 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.

Major Features and Functionalities in IRINS



Dashboard

- ✓ Manage profiles
- ✓ Import profile information
- ✓ Generate report



Academic Identity

- ✓ Integrated with Academic Identity to systematic update of publications.



Citation

- ✓ Citation from Scopus, CrossRef
- ✓ Publication venue from Crossref
- ✓ OA articles link from BASE Search
- ✓ Citations from Dimensions



Search

- ✓ SOLR based faceted search with number of filters to find an expert



Analytics

- ✓ Research progress of the faculty, department, institute (publication)



Network

- ✓ Co-author network based on publication collaboration



Social Media Metrics

- ✓ Social media metrics from Altmetric



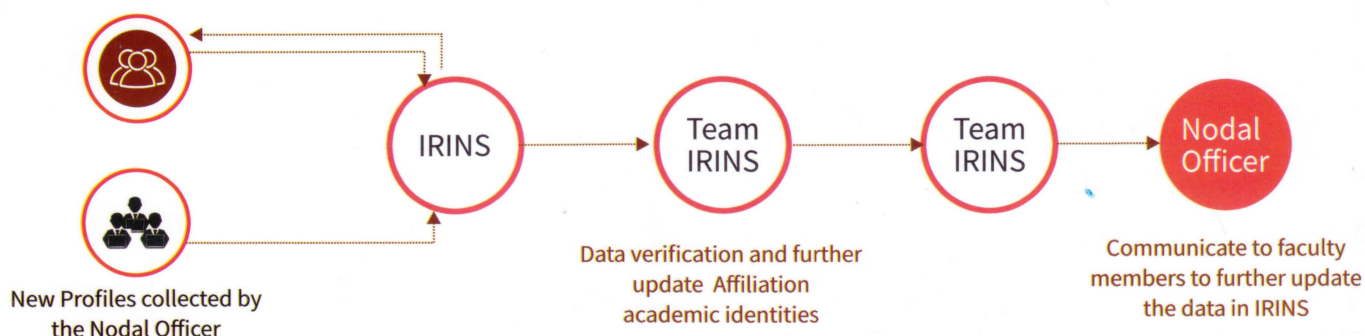
Link to IR

- ✓ Full text Article link to Institutional repository & domain specific repository

Methodology to Create IRINS instance

Existing profiles from VIDWAN to respective Institute's nodal officer for curation

Create Instance Communicate to Nodal Officer



Benefits to the Stakeholders



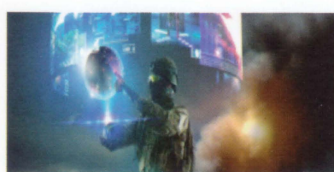
Faculty Members and Scientists

- ✓ Reduce the repetitive data entry;
- ✓ It enables the research related metadata more discoverable, interoperable and reusable in the scholarly communication ecosystem;
- ✓ It provides exposure for their research contributions to the international community and attract collaborator for the interdisciplinary research.



Individual Department

- ✓ It depicts the Department's growth from their research publications
- ✓ Enables to compare the research output with other Department's
- ✓ To know about the individual Department's research, projects, faculty strength etc., in the institute environment itself.



Organisation / Research Administrators

- ✓ It provides new insight to the research administrator about the research interests of faculty members, research focus of the departments and schools;
- ✓ It enables the administrator to build performance assessment report, research impact analysis; and
- ✓ Reduce the time to collect research related information often from the department or faculty for reporting and decision making



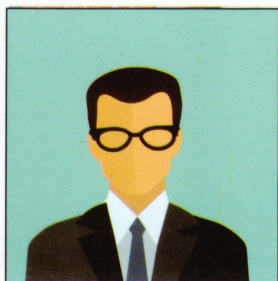
Funding Agencies and Policy Makers

- ✓ Assisting Policy Maker and Funding Agencies by providing research related information, which includes NDIL, NIRF, NAAC, CSIR, DST, UGC, and MHRD;
- ✓ Support to the funding agency and policy maker to identify experts for project proposal review and various committees.

Expert participation IRINS@VIDWAN (<https://vidwan.inflibnet.ac.in/registration>)

- Enter your basic details
- Personal Information, Expertise Information, Experience, Education Qualification, Honours and Awards, Professional bodies

- Add your Current organization details
- Add your academic identities like SCOPUS ID, ORCID ID, GOOGLE scholar ID to fetch the publications

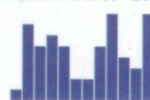


Profile-ID : 61916

Edit Profile

Dr Pazhamalai Anbarasan
Associate Professor
Indian Institute of Technology, Madras

Publications 2005 - 2018



Publications

All Publications - 56

56 Journal Articles
3 53

Citations / H-Index

2627 CITATIONS

23 H-INDEX

2562 CITATIONS

Google Scholar

2960 Total
2366 (2013-)

26 Total
23 (2013-)

41 Total
30 (2013-)

- Profile
- Personal Information
- Expertise Information
- Experience
- Education Qualification
- Doctoral Theses
- Publications

Academic Identity

Orcid Id
0000-0001-8049-5023

Scopus Id
9845965200

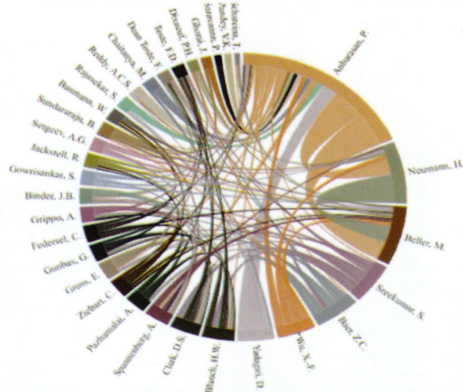
Researcher Id
E-7054-2011

Google Scholar Id
I8hSKYMAAAAJ

Microsoft Academic Search Id
2156934914

Years

- 2018
- 2017
- 2016
- 2015
- 2014
- 2013
- 2012
- 2011
- 2010
- 2009



Well-defined iron catalyst for improved hydrogenation of carbon dioxide and bicarbonate

Zehari, C. and Federsel, C. and Anbarasan, P. and Jackstell, R. and Baumann, W. and Späthgen, A. and Beller, M.

ARTICLE Journal of the American Chemical Society, Volume 134, Year 2012, Pages 20701-20704
DOI: 10.1021/ja307524s

200 Citations 212 Citations

Integration of chemical catalysis with extractive fermentation to produce fuels

Anbarasan, P. and Baer, Z.C. and Sreekumar, S. and Gross, E. and Binder, J.B. and Blanch, H.W. and Clark, D.S. and Dean Toste, F.

ARTICLE Nature, Volume 491, Year 2012, Pages 235-239
DOI: 10.1038/nature11994

178 Citations 182 Citations

Recent developments and perspectives in palladium-catalyzed cyanation of aryl halides: Synthesis of benzonitriles

Anbarasan, P. and Schorins, T. and Beller, M.

ARTICLE Chemical Society Reviews, Volume 40, Year 2011, Pages 5048-5067
DOI: 10.1039/c1cs15004a

285 Citations 285 Citations

A general cyclocarbonylation of aryl bromides and triflates with acetylenes: Palladium-catalyzed synthesis of 3-alkylidene-furan-2-ones

Wu, X.-F. and Sundararaju, B. and Anbarasan, P. and Naumann, H. and Dineen, P.H. and Beller, M.

ARTICLE Chemistry - A European Journal, Volume 17, Year 2011, Pages 8014-8017
DOI: 10.1002/chem.201101093

29 Citations 32 Citations

A novel and convenient synthesis of benzonitriles: Electrophilic cyanation of aryl and heteroaryl bromides

Anbarasan, P. and Naumann, H. and Beller, M.

ARTICLE Chemistry - A European Journal, Volume 17, Year 2011, Pages 4217-4222
DOI: 10.1002/chem.201003388

80 Citations 75 Citations

Novel C-H functionalization of arenes: Palladium-catalyzed synthesis of diaryl sulfides

Anbarasan, P. and Naumann, H. and Beller, M.

ARTICLE Chemical Communications, Volume 47, Year 2011, Pages 3233-3235
DOI: 10.1039/c0cc04405a

48 Citations 48 Citations

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