

Financial Year-Wise Outcomes Summary of DST Centre for Policy Research at Indian Institute of Science, Bengaluru - 560012

Details of Quarterly Outcomes: Please furnish the number of Publications in Journals, Reports/Newsletters or Magazine Articles, Workshops, Training Programmes, Internships in the below format and share the respective contents by creating a google drive link and sharing with us.

Financial Year (April-March)	Quarter 1 (Q1)	Quarter 1 (Q2)	Quarter 1 (Q3)	Quarter 1 (Q4)	Remarks
2013-2014 Publications: Reports: Newspaper or Magazine Articles Workshops: Trainings: Internship: Lectures:					Not applicable DST-CPR at IISc started from 11 th of August 2014.
2014-15 Publications: 0 Reports: 0 Newspaper or Magazine Articles Workshops: 0 Trainings: 0			Lecture: 01 Open Researcher and Contributor ID (ORCID): Status and Updates by Ms. Nobuko Miyairi on 9 th Nov 2015		

<p>Internship: 0</p> <p>Lecture: 01</p>					
<p>2015-16</p> <p>Publications:</p> <p>Research Articles: 0 Reports: 0</p> <p>Newspaper or Magazine Articles: 0</p> <p>Trainings:</p> <p>Workshop: 01 Internship:01 Discussion Sessions:02</p>				<p>Discussion Sessions: (01) The influence of science on the policy-making process and the impacts of policymaking on the scientific enterprise at institutional, regional, national and international level. 6th and 16th Mar 2017</p> <p>Workshop:01 Workshop on Dissertation Expectations and Quality Criteria: Is It Enough to Have a Good Dissertation? conducted by Prof. Maresi Nerad (University of Washington, Seattle, USA, 12th Jan 2016</p>	
<p>2016-17</p> <p>Publications:</p> <p>Research papers: 02 Reports:0</p>	<p>Discussion Session: (01): The influence of science on the policy-making process and the impacts of policymaking on the scientific enterprise at institutional, regional,</p>				

<p>Newspaper or Magazine Articles:0</p> <p>Trainings:0</p> <p>Internship: 01</p> <p>Discussion Session: 01 Science for Policy & Policy for Science Discussion Series</p> <p>Lectures: 0</p>	<p>national and international level, 17th May 2017</p>				
<p>2017-18</p> <p>Publications:</p> <p>Research articles: 04</p> <p>Reports: 06</p> <p>Policy Brief: 01</p> <p>Newspaper or Magazine Articles:04</p> <p>Trainings: Project Trainee: 01</p>	<p>Discussion Session: 02</p> <p>A) Why Open Access is important to science, particularly in India? 7th Jun 2017</p> <p>B) Private-sector participation in Indian R&D ecosystem: Status, Challenges and Opportunities 21st Jun 2017</p>	<p>Discussion Session: 01 Communicating Research - are we doing it right? 5th Jul 2017</p>	<p>Panel Discussion: 01 “Institutional Open Access Policy” What Universities and Administrators Can Do to Promote Open Access? 27th Oct 2017</p> <p>Lecture series: 01 One day event on Eugene Garfield and Scientometrics: Eugene Garfield in Memoriam Speakers: Mr. David A. Pendlebury, Prof.</p>	<p>Workshop:01 Three-day on Workshop on Science, Technology and Innovation (STI) Policy Research Date: 11th –13th Dec 2017</p>	

<p>Internship: 06</p> <p>Discussion Sessions:03</p> <p>Workshop: 01</p> <p>Lectures: 01</p> <p>Panel Discussion:01</p>			<p>P. Balram, and Prof. S. Arunachalam, 30th Oct 2017</p>		
<p>2018-19</p> <p>Publications:</p> <p>Research Papers:12</p> <p>Book review: 01</p> <p>Reports: 07</p> <p>Newspaper or Magazine Articles:0</p> <p>Trainings:</p> <p>Internship: 06</p> <p>Lectures: 03</p> <p>Poster competition: 01</p> <p>Roundtable Discussions: 04</p>			<p>Panel Discussions: 02</p> <p>A) Panel Discussion on Equitable Access to Knowledge, 23rd Oct 2018</p> <p>B) Global Equity, Libraries and Open Access, 26th Oct 2018</p> <p>Roundtable Discussions:01</p> <p>Roundtable on “S&T and Rural Development Policies in India and China”, 28th Dec 2018</p>	<p>Workshops: 01 (five-day workshop)</p> <p>Workshop on Design and Evaluation of Innovation Policies (with a specific focus on Scientometrics), in association with The United Nations University – Maastricht Economic and Social Research and Training Centre on Innovation and Technology (UNU-MERIT), Maastricht, The Netherlands, 25th –29th March 2019</p> <p>Roundtable Discussions: 03</p> <p>A) Roundtable on “Science Advice and Policy in India” 7th March 2019</p> <p>B) Roundtable on</p>	

				<p>“Women in International S&T Engagement” 7th March 2019</p> <p>C) Roundtable on “Communicating Science for Diplomacy” (with Science Diplomats of France, India, Switzerland and the USA), jointly organized by DST-Centre for Policy Research, and National Institute of Advanced Studies, 8th March 2019</p>	
<p>2019-20</p> <p>Publications:</p> <p>Research Articles: 05</p> <p>Reports: 0</p> <p>Newspaper or Magazine Articles: 02</p> <p>Workshops: 0</p> <p>Trainings:</p> <p>Internship: 05</p>			<p>Lecture: 05</p> <p>A) Gender Inclusion in India’s S&T Ecosystem: Challenges, Opportunities and Policy Interventions, by Dr. Sanjay Mishra, Advisor/ Head (KIRAN), Department of Science and Technology, Govt. of India. 30 September 2019</p> <p>B) IOAW 2019 Lecture by Prof. K VijayRaghavan -</p>	<p>Round table 01:</p> <p>Discussion with Prof. Maresi Nerad about initiating a Research Group on Indian Doctoral Education, 1st Mar 2020</p>	

Lectures: 06			"Unlocking the doors to knowledge repositories", 25 th Oct 2019		
2020-21 Publications: Research articles: 11 Reports: 0 Newsletters or Magazine Articles: 08 Trainings: Internship: Lectures:04 Panel Discussions:05			C) Open Access Week: Access, Equality and Cognitive Justice: What are the Problems with Scientific Journals and Research Evaluations? 22 nd Oct 2020 D) Open Access Week: Is Copyright a hindrance for Open Access in India? 23 rd Oct 2020 E) Equity and inclusion in global open access scholarly communications need more South-South dialogue and cooperation; perspective from Latin American experience	Workshops:01 Joint workshop on 'Science Technology and Innovation Policy for Transformative Change' – SPRU & DST CPR, 18 th – 19 th Feb 2021 Panel Discussions: 04 A) NitiVimarsh: Science, Technology and Innovation Policy (STIP) 2020 on 21 st Jan 2021 B) Panel Discussions on the Draft 5th National STI Policy, "Open Science – The Way Forward for India", 24 th Jan 2021. "Fostering Research and Innovation: The Road towards Self Reliance", 24 th Jan 2021 C) Panel Discussion on Open Data for Rare Diseases, 25 th February 2021	

				D) Panel discussion on Mainstreaming Gender in STEM: Policies and Practices, 8 th March 2021	
<p>2021-22 Publications: 06 (so far)</p> <p>Reports: 0</p> <p>Newsletters or Magazine Articles: 09</p> <p>Workshops: 02</p> <p>Trainings: 01</p> <p>Internship and Assistantship:03</p> <p>Research Consultants: 04</p> <p>Round table Discussion: 04</p> <p>Lectures:07</p>	<p>Training: cross-disciplinary course, “Scholarly Communications and Copyright” delivered at IISc in partnership with the National Law University.</p>	<p>Round table Discussion with DST delegation led by Dr. Akhilesh Gupta, Senior Advisor, DST and STIP Secretariat on 13th Sept 2021.</p> <p>Lectures: 02</p> <p>A) ‘Building Research Universities’, Prof. Pankaj Jalote, Distinguished Professor (CSE), IIIT-Delhi 11th Aug 2021</p> <p>B) ‘STI Governance: Institutional Mechanisms and Policy Interventions’. Arabinda Mitra Scientific Secretary, O/o PSA to Gol, 15th</p>	<p>International Open Access Week-2021: The event theme was in alignment with this year’s OA Week theme: “It Matters How We Open Knowledge: Building Structural Equity.” 29th Oct 2021.</p> <p>Round table Discussions: 02</p> <p>A) Round table Discussion with DST-CPR-IISc Team and Swissnex Members, 28th Oct 2021</p> <p>B) Round table Discussion with DST-CPR-IISc Team and the diplomatic delegation from Denmark on 8th Nov</p>		

Panel Discussions: 1		September 2021	2021		
		Workshop: 01 DST-STI-Policy Fellows Orientation Programme, 24 th Sept 2021 to 10 th Oct 2021			

Total for years 11th Aug 2014 - 3rd Dec 2021:

Total No of Research publications in Journals: 40

Total No of Reports: 13

Total No of working papers: 15

Total No of Newspaper or Magazine Articles: 23

Total No of Workshops: 05 workshops completed, 02 planned

Total No of Training Programmes: 07 (Training programmes from 05 workshops, 01 STI Policy Orientation Programme and 01 certificate course)

Total No of Internships: 22

Total No of Discussion Forum: 06

Total No of Roundtable Discussions: 09

Total No of Panel Discussions: 08

Total No of Lectures: 19

Lecture during DST-STI-Policy Fellows Orientation Programme, 24th Sept 2021 to 10th Oct 2021: 05

Lecture series: 02

A) Symposium series on "Open Access to Humanities and Social Science Information"

B) DST-CPR-IISc Policy Lecture Series

Total No of Competitions: 04

(i) Open Access week 2018 Poster competition

(ii) Policy memo competition, 4th and 11th Dec 2021

(iii) STIP quiz (hosted on the MyGov platform)

(iv) STIP 2020 Ideathon

Total social media handles: 04

Twitter: <https://twitter.com/DSTCPRIISc>

Facebook: <https://www.facebook.com/DSTCPRIISc>

LinkedIn: <https://www.linkedin.com/company/dst-centre-for-policy-research---iisc-bangalore/>

YouTube: https://www.youtube.com/channel/UCAbDuyvks1W1x_jkwI3ef0g/video

Policy impact: Involved in the STIP formulation process, National Open Access Policy, Engagement between Indian policy bodies and OECD-CSTP, UNESCO

PUBLICATIONS:

1. Research Articles:

2016-17:

Arunachalam S, Madhan M. Adopting ORCID as a unique identifier will benefit all involved in scholarly communication. The National Medical Journal of India 2016; Vol 29, No. 4, pp. 227–234. http://www.nmji.in/temp/NatlMedJIndia294227-6319386_014519.pdf

Muthu M, Kimidi SS, Gunasekaran S, Arunachalam S (2016). Should Indian researchers pay to get their work published? Current Science 2017; Vol 112, No. 4, pp. 703-713. http://eprints.iisc.ernet.in/54926/1/Post-print_APC_paper.pdf

2017-18:

Arunachalam, S. Madhan, M. and Gunasekaran, S. Chemistry research in India: making progress, but not rapidly. Current Science 2017; Vol 112, No. 7, pp. 1330-1339. <http://www.currentscience.ac.in/Volumes/112/07/1330.pdf>

Subbiah Arunachalam. Social Justice in Scholarly Publishing: Open Access Is the Only Way. The American Journal of Bioethics 2017: Vol 17, No. 10, pp. 15-17. DOI: 10.1080/15265161.2017.1366194. http://dst.sciencecentral.in/36/3/UAJB_A_1366194-Postprint.pdf

Francis Jayakanth and **Madhan M.** Open Access for Engineers and Engineering. IEEE India Info 2017; Vol. 12, No. 4, pp. 53-57. <http://sites.ieee.org/indiacouncil/files/2018/01/p53-p57.pdf>

Chagun Basha. Mapping Indian National STI to Garner 2030 Agenda for Sustainable Development. Proceedings of RIS-ITEC Capacity Building Programme on Science Diplomacy, New Delhi 2017: pp 43-46. <http://www.ris.org.in/itec-programme-science-diplomacy>

2018-19:

Pandey, P., Desai, P., and Chaturvedi, S. 2018. Indian perspectives on Global TA in Miltos Ladikas and Julia Hahn (eds.) Towards a Global Technology Assessment, KIT Scientific Publishing, Karlsruhe, Germany.

Pandey, P. (2018). What Makes Research Responsible: An Indian Perspective? TATuP, 27 (3), 63-66. <https://tatup.de/index.php/tatup/article/download/183/243?inline=1>

Madhan M., Gunasekaran S. and **Arunachlam S.** (2018), Evaluation of research: Are we doing it right in India? International Journal of Medical Ethics. <https://ijme.in/articles/evaluation-of-research-in-india-are-we-doing-it-right/>

Jaya Kumar A. & Pandit R. Science and Engineering Research in India (1985-2016): insights from two scientometric databases. Current Science 2018; Vol 115, No 3,

Pandey, P. (2019) NGOs, Controversies and 'Opening-Up' of Regulatory Governance in Developing Countries, Bulletin of Science, Technology and Society, Sage (with Aviram Sharma) (Available online).

Pandey, P. (2019) Responsible Innovation as Empowering Ways of Knowing, submitted to the Journal of Responsible Innovation, Routledge (with G. Valkenburg, A. Mamidipudi, P. Pandey, W.E. Bijker).

Pandey, P. 2019. RRI's 'Commitment to Care' and Vulnerability of Agricultural Systems: Case of Rice Straw Burning in India, Science, Technology and Society, Sage Publications (Forthcoming)

Pandey, P. 2019. RRI in the Global South: Agriculture, Renewable Energy and Pursuit of Mutual Learning, in Science, Technology and Society, Sage Publications (with Wiebe Bijker, Govert Valkenburg and Annapurna Mamidipudi) (Forthcoming).

Pandey, P. 2019. The Banality of Western Innovations: What does it mean to be Responsible Globally in de Saille et al. (eds.) The Fourth Quadrant: Responsibility beyond Growth, Bristol University Press, UK (with Mario Pansera, Karen Mettle Noo and Andrea Jimenez) (in Press).

Pandey, P. 'All we want is to get rid of the straw': How Different Visions of Biomass must inform Biofuel policies", East Asian Journal of Science Technology and Society, Duke University Press (with G. Valkenburg) (under review).

Pandey, P. 2019. Transitioning to a Bio-Economy: Indian Initiatives in the Bioenergy Domain, Current Science.

Nadella, V. 2019. Social Structure and Entrepreneurship: Welfare Consequences of Employment Choice in Rural and Urban India. Conference Proceedings of the Thirteenth Biennial Conference on Entrepreneurship 2019: Vol II, pp. 879-887

2019-20:

Pandey, P. 2019. Technology Assessment in Global Perspective: The Indian Case in Miltos Ladikas and Julia Hahn (ed.) Towards a Global TA, KIT (Karlsruhe Institute of Technology) Scientific Publishing, Germany (with Pranav Desai and Sachin Chaturvedi). <https://www.ksp.kit.edu/9783731508311>.

Pandey, P. 2019. Indian Perspectives on Responsible Innovation and Frugal Innovation in Rene Von Schomberg and Jonathan Hankins (ed.). International Handbook on Responsible Innovation: A Global Resource, Edward Elgar, UK (with Ravi Srinivas). <https://www.e-elgar.com/shop/gbp/international-handbook-on-responsible-innovation-9781784718855.html>.

Madhan M., Ricky C. 2019. Directory of Open Educational Resources (DOER): A discovery service framework to provide structured access to OERs, Pan Commonwealth Forum 19, Edinburgh. <http://hdl.handle.net/11599/3236>

Nadella, V. Social Structure and Entrepreneurship: Welfare Consequences of Employment Choice in Rural and Urban India. Conference Proceedings of the Thirteenth Biennial Conference on Entrepreneurship 2019: Vol II, pp. 879-887. <http://library.ediindia.ac.in:8181/xmlui/handle/123456789/8104>

Pandey, P. (2019) Swinging between Rationality and Responsibility: Technology Visions and Science Policy in India. In Nierling, L. and Torgersen, H (eds.) Normativity in Technology Assessment, Transcript-Verlag, Germany.

2020-21:

Madhan M., Subbiah Gunasekaran, Rani M T, **Subbiah Arunachalam, T A Abinandanan**, (2020) Chemistry research in India in a global perspective- A scientometrics profile, Preprint Arxiv <https://arxiv.org/abs/2002.03093>

Pandey, P. (2020) Responsible Research and Innovation in the Global South: Agriculture, Renewable Energy and the Pursuit of Symmetry— Special issue of Science, Technology & Society (Sage Publications, Open Access), co-edited with W.E. Bijker, G. Valkenburg and A. Mamidipudi, Volume 25, Issue 2. <https://journals.sagepub.com/toc/STS/current>

Pandey, P. 2020. RRI's 'Commitment to Care' and Vulnerability of Agricultural Systems: The 'Problem' of Rice Straw Burning in India, Science, Technology and Society, 25 (2): 240-255, Sage Publications. <https://journals.sagepub.com/doi/full/10.1177/0971721820902965>

Pandey, P. 2020. Responsible Research and Innovation in the Global South: Agriculture, Renewable Energy and the Pursuit of Symmetry in Science, Technology and Society, 25 (2): 215-222. Sage Publications (with Wiebe Bijker, Govert Valkenburg and Annapurna Mamidipudi). <https://journals.sagepub.com/doi/full/10.1177/0971721820902961>

Pandey, P. (2020). Swinging between Responsibility and Rationality: Science Policy and Technology Visions in India in Linda Nierling and Helge Torgersen (ed.) Normativity and Technology Assessment, Transcript Verlag, Bielefeld, Germany (with Aviram Sharma). <https://www.nomos-elibrary.de/10.5771/9783748907275-155/swinging-between-responsibility-and-rationality-science-policy-and-technology-visions-in-india>

Pandey, P. (2020) Responsible Innovation as Empowering Ways of Knowing, *Journal of Responsible Innovation*, 7 (1), 06-25. Routledge (with G. Valkenburg, A. Mamidipudi, P. Pandey, W.E. Bijker). https://pure.mpg.de/rest/items/item_3158626_1/component/file_3158631/content

Pandey, P., & Pansera, M. (2020). Bringing Laxmi and Saraswati together: Nano-scientists and academic entrepreneurship in India. *Technology in Society*, vol. 63, 101440. <https://doi.org/10.1016/j.techsoc.2020.101440>

Pandey, P., & Sharma, A. Knowledge politics, vulnerability and recognition-based justice: Public participation in renewable energy transitions in India. *Energy Research & Social Science*, Vol. 71, 101824. <https://doi.org/10.1016/j.erss.2020.101824>

Pandey, P. (2020). Transitioning to a Bio-Economy: Indian Initiatives in the Bioenergy Domain (June 12, 2020). Available at SSRN: <http://dx.doi.org/10.2139/ssrn.3625392>

Nadella, V. K. (2020). Electoral Quotas, Redistribution, and Entrepreneurship: Evidence from India. In 32nd Annual Meeting. SASE. <https://sase.confex.com/sase/2020/meetingapp.cgi/Paper/16062>

Jimenez, A., & **Pandey, P.** (2020). The Plurality of Technology and Innovation in the Global South. *Responsibility Beyond Growth: A Case for Responsible Stagnation*, 91.

2021-22:

Pandey, P., Valkenburg, G., & Bijker, W. (in press). How Biofuel Policies Need to Embrace Multiplicity: Doing Policy-Relevant STS. East Asian Science Technology and Society.

Koley M., & **Namdeo S.K.**, and Bhathacharjee S. Digital Technologies for Open and Equitable Sharing of Scholarly Knowledge in India (preprint). <https://osf.io/mc8xr/>

Namdeo, S. K., & Goveas, J. J. (2021). Indian Innovation Diplomacy: Choices, Challenges and Way Ahead. Science Diplomacy Review. Volume 2, Issue 3. <http://www.fisd.in/sites/default/files/SDR%20November%202020.pdf>

Namdeo, S.K., & **Koley M.** (2021). Citizen Science in India: Introduction, Challenges, and Way Forward. DIALOGUE-Science, Scientist, and Society. link: <http://www.dialogue.ias.ac.in/article/30161/citizen-science-in-india-introduction-challenges-and-way-forward>

Pandey, P. (2021). 'All we want is to get rid of the straw': How Biofuel Policies need to be Multiple", East Asian Journal of Science Technology and Society, Duke University Press (with Wiebe Bijker, Govert Valkenburg and Annapurna Mamidipudi).

2. Working Papers:

- B. Chagun Basha and Sree Ganga, "Conceptualizing Science Diplomacy in National Perspective" (manuscript in preparation).
- B. Chagun Basha, Deepak Arya, Sree Ganga and Gaurav Solra, "Government Science Advice in India: Understanding the structure and knowledge flow" (manuscript in preparation).
- Venkat Nadella "A Framework for Evaluating Science Technology and Innovation Policies in India" (research ongoing).

- Venkat Nadella “Knowledge Spillovers and R&D Funding in Emerging Economies: Evaluation of the Small Business Innovation Research Initiative in India” (manuscript in preparation).
- Venkat Nadella, David Audretsch, Marcio Cruz “Assessing Entrepreneurship Ecosystems to Guide Policy Action” (manuscript in preparation).
- Venkat Nadella, Alexander Kritikos, David Audretsch “Determinants of Entrepreneurship Gender Pay Gap” (manuscript in preparation).
- Venkat Nadella, David Audretsch, Sameeksha Desai “Towards a Conceptual Model of Scientist Entrepreneurship: Modes of Commercialization in Scientist Firm Creation” (manuscript in preparation).
- Venkat Nadella, “Entrepreneurship, Redistribution, and Economic Growth: Evidence from Electoral Reservations in India” (manuscript in preparation).
- Venkat Nadella, “Social Structure and Entrepreneurship: Welfare Consequences of Employment Choice in Rural and Urban India” (manuscript in preparation).
- Venkat Nadella “Religious Identity Salience, Collective Violence, and Entrepreneurship: Evidence from India” (manuscript in preparation).
- Venkat Nadella Determinants of workplace innovative behaviour: Evidence from federal human capital survey (manuscript in preparation).
- Venkat Nadella Entrepreneurship Ecosystems in the Knowledge Economy: A Comparative Analyses of Science Technology and Innovation Policies Across the Globe (manuscript in preparation).
- Venkat Nadella Financing innovation: Aligning policy priorities with program design and implementation. Manuscript in preparation.
- Suryesh K Namdeo & Amruta Majuli “Digital diplomacy adoption by foreign ministries - A comparative overview” (manuscript submitted to AAAS Journal ‘Science & Diplomacy’).
- Suryesh K Namdeo & Somendra Singh Kharola “Tech Diplomacy: National interest is paramount” (manuscript submitted to the RIS Journal ‘Science Diplomacy’).

3. Policy Brief:

Pandey, P., Valkenburg, G., Mamidipudi, A. and Bijker, W.E. (2017). The key to resolving straw burning: farmers’ expertise. Policy brief on missing cultural perspectives. Maastricht, the Netherlands: Maastricht University. http://www.maastrichtsts.nl/wp-content/uploads/2017/12/Policy_brief_final.pdf

4. Book Chapters/Reviews:

Jimenez, A., & **Pandey, P.** (2020). The Plurality of Technology and Innovation in the Global South. Responsibility Beyond Growth: A Case for Responsible Stagnation, 91.

Pandey, P. (2020). The Banality of Western Innovations: What does it mean to be Responsible Globally in de Saille et al. (eds.) The Fourth Quadrant: Responsibility beyond Growth, Bristol University Press, UK (with Mario Pansera, Karen Mettle Noo and Andrea Jimenez).

Pandey, P. (2017). Review of the book (Rethinking Revolutions: Soyabean, Choupals and the Changing Countryside in Central India by Richa Kumar) in Journal of Scientometric Research, Phcog.Net, Vol. 6, No. 1, 57-59.

5. Reports:

2017-18:

Sheth BP, **Basha C B.** and Roy I. Workshop Report on Science, Technology and Innovation Policy Research. Current Science 2018; Vol 115, No 3, pp. 376-377. [<http://www.currentscience.ac.in/Volumes/115/03/0376.pdf>]

Reddy M, **Basha C B.** Data-Collection Methodology for R&D Statistics – Indian Scenario and International Comparison. 2017. Report submitted to Policy Research Cell, DST, India

Rani M T, Madhan M, Arunachalam S, Abinandanan T A. Chemistry research in India as seen from InCites 2006-2015. 2017. Report submitted to Policy Research Cell, DST, India

Rani M T, Madhan M, Arunachalam S, Abinandanan T A. Engineering research in India: An analysis based on papers indexed in InCites for the period 2006-2015. 2017. Report submitted to Policy Research Cell, DST, India

Rani M T, Madhan M, Arunachalam S, Abinandanan T A. Materials Science Research in India: An analysis based on papers indexed in InCites for the period 2006-2015. 2017. Report submitted to Policy Research Cell, DST, India

Pandey P. EU-India Meeting on Advanced Biofuels. New Delhi 2018, Report submitted to Biofuels Working Group, Ministry of Petroleum and Natural Gas, Government of India.

2018-19:

Basha C B. “Background notes on India - OECD Committee on Science and Technology Policy (OECD-CSTP) potential engagement”, submitted to inter-ministerial meeting to discuss India joining OECD-CSTP, New Delhi, India, July 2019.

Basha C B. “Tamil Nadu STI Fact Sheet: Preparation Framework”, Report submitted to Tamil Nadu State Council for Science and Technology (TNSCST), Chennai, India, Apr 2019.

Basha C B. “Building a National STI Data Architecture: A Conceptual Framework”, submitted to Principal Scientific Advisor to the Government of India, Apr 2019.

Basha C B. M. Sai Baba, “Communicating Science for Diplomacy” CSIR-NISCAIR Science Diplomacy Global Digest, Jan-Mar 2019, Vol 2(3), ISSN : 2456-5318.

Basha C B. Abinandanan TA, “Capacity Building Strategies to Strengthen National STI Policy System”, Report submitted to Policy Research Cell, DST, India, Oct 2018.

Poonam Pandey, ‘Securing the Health of Planet and People through Sustainable Biofuels’ Report of Seminar on World Biofuel Day 2019, Vigyan Bhawan, Delhi (Submitted to Ministry of Petroleum and Natural Gas)

Poonam Pandey, ‘Making our planet a better place with biofuels’, World Biofuel Day Report, 10 August 2018. (Submitted to the Ministry of Petroleum and Natural Gas).

6. Newspaper and Magazine articles:

2021:

Koley M. & Goveas J.J. (2021, November 16). An era of open science. Deccan Herald. <https://bit.ly/3dJ9FXV>

Koley, M.; Bhattacharjee, S; Ahmed, N. (2021, November 6). India Can Have Its Own Open Access Digital Publishing Platform. The Wire Science. <https://bit.ly/31PBzza>

Choudhury, M.C.; Koley M.; Chaube P.; Sharma, G.; Ahmed, N. (2021, March 26). Unwinding the open data debate for rare diseases. Times of India. <https://bit.ly/3GDwp8b>

Sharma G. (2021, March 18). Makerspaces – a Less Known Way To Infuse a Culture of Innovation in Communities. The Wire. <https://bit.ly/3tfrBPn>

Namdeo, S. K. & Parvatam, S. (2021, March 4). Citizen science- A solution to fake information? No. 526 [Audio podcast episode 526]. In All things Policy. The Takshashila Institution. <https://bit.ly/30Se4I6>

Goveas, J.J. & Namdeo, S. K. (2021, February 18). A toast to the Indian decade of innovation. Times of India. <https://bit.ly/3aXq3mP>

Namdeo, S. K. & Parvatam, S. (2021, February 7). 'Citizen Science' can help India boost its scientific understanding, curb what's app pseudo-science. The Print. <https://bit.ly/3loTbHs>

Choudhary, M. C. (2021, February 3). Health Data Management Policy: Importance and Public views. Science Policy Forum. <https://bit.ly/30SdOTa>

Choudhary, M.C. (2021, January 23). India's new science policy considers the needs of people with disabilities. Times of India. <https://bit.ly/38PG9ha>

2020:

Koley, M. (2020, December). TB is a Serious Problem in India-Need More Awareness Creation Strategies. TB-INFO portal. <https://bit.ly/3lq8GPA>

Koley, M., Goveas, J.J. & Choudhary, M.C. (2020, December 13). Open access: A problem way beyond one nation one subscription. Times of India. <https://bit.ly/2Q3gZVN>

Muthu M. (2020, December 12). 'One nation one subscription' is an elusive goal'. Open Interview. <https://bit.ly/338LNI7>

Koley, M. (2020, November 8). Shared Research Instrumentation Facilities-A Way Forward for India. Science Policy Forum. <https://bit.ly/3twEOEa>

Namdeo, S. K. & Parvatam, S. (2020, November 5). Overdue: a formal internship policy in India that protects its students. The Wire Science. <https://bit.ly/3eNXjQ1>

Namdeo, S.K., Goveas, J.J. & Manjegwah, Z. (2020, September 7). Looking Inside InnSciD SP 2020. Science Policy Forum. <https://bit.ly/2OFEBj3>

Namdeo, S. K. (2020, August 24). Towards an Internship Policy in STEM. Science Policy Forum. <https://bit.ly/3ebhfMc>

Kaushik, A.; Basha, C.B.; Ganeshan L. (2020, January 02) Science Technology and Innovation (STI) Policies in India: a Flashback. IndiaBioScience. <https://bit.ly/31VEZ3r>

2019:

Basha, C.B. (2019, Oct 19). Understanding the Science Policy Ecosystem in India. IndiaBioScience. <https://bit.ly/3m2aU9c>

Basha C.B. (Jun 12, 2019), "We Learned (the Hard Way) Not To Have Manels" Dr. Chagun Bash B spoke to the CONNECT staff at IISc. <https://connect.iisc.ac.in/?s=chagun>

2017:

Manupriya. (Nov 14, 2017). Helping Institutions Embrace Open Access. Covered by IndiaBioscience, The Wire and The Centre for Internet and Society. <https://bit.ly/3eN4gPY>

Pandey P, Valkenburg G, Mamidipudi A, Bijker W. (2017, Oct 27). Stubble burning and pollution: It's a question of dignity and identity of farmers. Hindustan Times. <https://bit.ly/3gVi7WS>

Pandey, P. (2017, May 19). From Bt Brinjal to GMMustard: Are we Now Ready to Adopt GM Food Crops. Hindustan Times. <https://bit.ly/3eSemPm>

Arunachalam S. (Apr 10, 2017). "Mr Open Access", Tells us Why Policy Research is Important. By Nithyanand Rao [Arunachalam spoke to CONNECT about information science, science policy and research in India.] . <https://bit.ly/3vELaT0>

WORKSHOPS:

2015-2016:

Workshop on Dissertation Expectations and Quality Criteria: Is it Enough to have a Good Dissertation? 12 Jan 2016

Prof. Maresi Nerad, the founding director of the Center for Innovation and Research in Graduate Education (CIRGE) and Professor in the Leadership in Higher Education Program, College of Education, at the University of Washington, Seattle, USA. [Please see her website for more details].

Prof. Nerad a Visiting Professor at DST-CPR, IISc during December 2015 – January 2016

2016-17:

Workshop on "Science, Technology and Innovation (STI) Policy Research", 11-13 December 2017

https://iiscdstcpr.files.wordpress.com/2017/12/wstipr2017_program.pdf

2018-19:

Workshop on Design and Evaluation of Innovation Policies (with a specific focus on Scientometrics), in association with The United Nations University – Maastricht Economic and Social Research and Training Centre on Innovation and Technology (UNU-MERIT), Maastricht, The Netherlands, 25-29 March 2019

2020-21:

Joint workshop on ‘Science Technology and Innovation Policy for Transformative Change’ – SPRU & DST CPRs

This workshop was organised by jointly by DST-CPRs, Science Policy Research Unit (SPRU), University of Sussex, UK, and Transformative Innovation Policy Consortium (TIPC).

This event was followed up by an executive meeting involving DST officials, CPR coordinators and executives from SPRU and TIPC to deliberate upon the different possible modes of collaboration.

Date: 18th and 19th February, 2021; Time: 14:30 to 17:30 (IST)

Number of registered participants: 159 (from 15 countries and 53 institutes)

Link: <https://dstcpriisc.org/2021/02/09/joint-workshop-on-science-technology-and-innovation-policy-for-transformative-change-spru-dst-cpr/>

2021-22:

1. Orientation Programme for DST-STI Policy Fellows:

Lectures during DST-STI-Policy Fellows Orientation Programme, 24th Sept 2021 to 10th Oct 2021: 05

(i) “Science and Technology Education and Research in India: Past and Present”, 24th Sept 2021, Prof. L S Shashidhara,

(ii) “Scientometrics and Evidence-based Science Policy”, 1st Oct 2021 Dr. Vivek Kumar Singh.

(iii) “Science for Sustainable Development: A New Social-Economic Contract”, 5th Oct 2021, Dr. Rajeswari S Raina

(iv) “The role of research management in enabling science and technology in India”, 7th Oct 2021, Dr. Savita Ayyar.

(v) “Building Ecosystem for Fostering Cutting-edge Lifescience/Healthcare Innovation”, 13th Oct 2021, Dr. Taslimarif Saiyed Director and CEO, Centre for Cellular and Molecular Platforms (C-CAMP)

2. Certificate Programme: ‘Participatory Science Advice for Policy Making’, 4th and 11th December 2021 organised in partnership with the Global Young Academy, INGSA and Science Policy Forum. <https://dstcpriisc.org/2021/11/19/certificate-programme-participatory-science-advice-for-policy-making/>

INTERNSHIPS:

Intern 2016-17

	Ms. Keerthana A	23/05/2016 – 10/07/2016
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2016-17	NITK, Suratkal Student Intern	
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Interns Batch - 2017

Name	Education	Topic	Start Date	End Date
Ms. Shubha Tiwari	M.A. (Development Studies), Indian Institute of Technology, Guwahati	Science Diplomacy	22-05-2017	21-07-2017
Ms. Sumedha Shukla	M.Sc. (Economics), The Energy and Resources Institute (TERI) University	R&D Statistics	25-05-2017	24-05-2017
Manoj L. Reddy	M.Mgmt. (Business Analytics), Indian Institute of Science	R&D Statistics	01-06-2017	31-07-2017
Aviman Satpathy	B.Sc. (Research), Indian Institute of Science	Science Diplomacy	01-06-2017	31-07-2017
Bibhusita Mahanta	B.E. (Computer Science and Engineering), Jorhat Engineering College, Assam	Scientometrics	09-06-2017	08-08-2017
Rani M.T.	B.E. (Computer Science and Engineering), Jain Institute of Technology, Davangere	Scientometrics	22-06-2017	21-08-2017

Interns Batch - 2018

Name	Education	Topic	Start Date	End Date
Deepak Arya	B.Sc. (Research), Indian Institute of Science, Bangalore	STI indicators	07/05/2018	08/07/2018
Gaurav Solra	B.Sc. (Research), Indian Institute of Science,	Science Diplomacy	07/05/2018	08/07/2018

	Bangalore			
Sree Ganga S D	M.A. (Public Policy), Mount Carmel College, Bangalore	Science Advice	14/05/2018	14/07/2018
R.Varun Rajah	M.A. (Public Policy), Jindal School of Government and Public Policy, Sonipet	Industrial R&D	01/06/2018	01/08/2018
Aparajita Chowdhury	Integrated M.A. (Sociology), University of Hyderabad	Science education in India	29/05/2018	28/07/2018
Guptnath Trivedi	Ph.D. (Library & Information Science), Banaras Hindu University	Scientometrics	29/05/2018	28/07/2018

Interns Batch – 2019

Name	Education	Topic	Start Date	End Date
Anjana C.P.	B.A. (Psychology, Economics and Sociology) MES Degree College of Arts, Commerce and Science, Bangalore	Science Diplomacy	06/05/2019	06/07/2019
Durga Prasad Meena	Four-Year Bachelor of Science Indian Institute of Science, Blr.	Impact Evaluation	20/05/2019	19/07/2019
Abhinandan Dalal	Bachelor of Statistics (Honours) Indian Statistical Institute, Kolkata	Impact Evaluation	20/05/2019	19/08/2019

Richeek Awasthi	B.Tech (Electrical Engg) IIT Kanpur	Impact Evaluation	20/05/2019	19/08/2019
Yash Wadhwa	B.Sc Christ (Deemed to be University) Bangalore	Impact Evaluation	20/05/2019	19/08/2019

Intern Batch -2021

Name	Education	Topic	Start Date	End Date
Khujit Rajueni	Bachelor's of Pharmacy Pursuing Doctor of Pharmacy	Rare Disease, quantitative analysis of the number of repurposed orphan drugs that are marketed in India. Data collection and preliminary data analysis.	17/05/2021	Till date 13/12/2021 and continuing
Aishwarya Viswamitra	Master's student at IISER Mohali	Intern for the Certificate Programme: 'Participatory Science Advice for Policy Making'	16/11/2021	Till date 13/12/2021 and continuing

Project Trainees and Consultants:

Financial year	Name and Designation	Designation	Duration
2016-17	Anoop P. Simha	Consultant	01/11/2016 - 31/01/2017
2017-2018	Rani M T	Project Trainee	22/08/2017– 20/12/2017
2020-21	Nabil Ahmed Afifi	Project Trainee	18/01/2021-31/12/2021
2020-21	Pranita Khaire	Project Trainee	12/01/2021-30/04/2021
2020-21	Nupur Bhawe	Project Trainee	18/01/2021-17/04/2021 and 01/09/2021-30/11/2021
2020-21	Jaikishan Agarwal	Project Trainee	01/03/2021-31/03/2021
2021-22	Somendra Singh Kharola	Consultant	20/04/2021- 20/06/2021
2021-22	Amruta Mahuli	Consultant	09/06/2021- 09/09/2021
2021-22	Vijay Kumar Sattiraju	Consultant	05/06/2021-05/09/2021
2021-22	Kanchan Lala	Consultant	21/06/2021-21/10/2021

PANEL DISCUSSIONS, ROUND TABLES and LECTURES:**2017-18**

1. Panel Discussion on “Institutional Open Access Policy”, 27 Oct 2017
 - Prof. Satyajit Mayor (Director, The National Centre for Biological Sciences)
 - Prof. Jayant M. Modak (Deputy Director, Indian Institute of Science)
 - Mr. Sunil Abraham (Executive Director, Centre for Internet and Society)
 - Dr. Padmini Ray Murray (Vice-Chair, Global Outlook: Digital Humanities)
 - Mr. N V Sathyanarayana (Chairman & Managing Director, Informatics India Ltd)
 - Mr. Madhan Muthu (Visiting Scientist, DST-Centre for Policy Research, IISc)
2. Event on “Eugene Garfield and Scientometrics” , Eugene Garfield in Memoriam, 30 Oct 2017

2018-19

1. Panel discussion on “Equitable Access to Knowledge”, 23 Oct 2018

Panellists:

- Arul George Scaria – National Law University, Delhi
- Carl Malamud – PublicResource.Org
- Pranesh Prakash (Moderator) – Centre for Internet and Society, Bangalore
- Richard Poynder – Journalist (covering OA movement around the world)
- S. S. Nayana Tara – Indian Institute of Management Bangalore
- Shahid Jameel – Welcome Trust DBT India Alliance

2. Discussion Forum on Global Equity, Libraries and Open Access, 26 Oct 2018

Speakers:

- Subbiah Arunachalam (DST-Centre for Policy Research, IISc),
- T.A. Abinandanan (Indian Institute of Science),
- Madhan Muthu (Azim Premji University),
- Hamsa Kalayani (National Institute of Advanced Studies),
- Francis Jayakanth (JRD Tata Memorial Library, IISc), and
- Leena Shah (Directory of Open Access Journals)

3. Discussion Forum on Global Equity, Libraries and Open Access, 26 Oct 2018

Speakers:

- Subbiah Arunachalam (DST-Centre for Policy Research, IISc),
- T.A. Abinandanan (Indian Institute of Science),
- Madhan Muthu (Azim Premji University),
- Hamsa Kalayani (National Institute of Advanced Studies),
- Francis Jayakanth (JRD Tata Memorial Library, IISc), and
- Leena Shah (Directory of Open Access Journals)

4. Policy Lecture Series: Chinese Rural S&T Development Policies and Practices: Introduction and Outlook, by Dr. Zhuqing Xu, [Chinese Academy of Science and Technology for Development (CASTED), Beijing], 27 December 2018
5. A Public Library of India, by Carl Malamud, 28 December 2018

2019-20:

1. Special Session: Role of Science Diplomacy in Addressing Global Water Challenges, 26 Sept 2019

Lead speakers include,

- Amy Luers, Executive Director, Future Earth
- András Szöllősi-Nagy, Chair, Water Future & Professor, Institute for Sustainable Development Studies
- Anik Bhaduri, Director, Water Future & Professor, Australian Rivers Institute
- C H Chandrasekhar, Senior Head – South & East, Wastewater BU, Larsen & Toubro
- Gert Heijkoop, The Consul General of Netherlands in Bangalore
- Jean-Christophe Mauduit, Lecturer in Science Diplomacy, University College London

Moderator: B. Chagun Basha, DST- Science, Technology, and Innovation Policy Fellow, DST-CPR-IISc

This special session was organized by the DST-Centre for Policy Research at IISc Bangalore in association with the Consulate General of the Kingdom of the Netherlands in Bangalore and Sustainable Water Future Programme.

2. Lecture: Gender Inclusion in India's S&T Ecosystem: Challenges, Opportunities and Policy Interventions, by Dr. Sanjay Mishra, Advisor/ Head (KIRAN), Department of Science and Technology, Govt. of India. 30 September 2019
3. Lecture: "Unlocking the doors to knowledge repositories: Challenges, Initiatives and Policy Interventions", Prof. VijayRaghavan, FRS, Principal Scientific Adviser to the Government of India, 25 October 2019

4. Lecture: “The making of India’s first indigenous STM: What lab studies can tell us about S&T policies in India”, Prof. Pankaj Sekhsaria, Centre for Technology Alternatives for Rural Areas (C-TARA), IIT-Bombay, 10th December 2019
5. Round table Discussion with Prof. Maresi Nerad about initiating a Research Group on Indian Doctoral Education, 01/03/2020
6. Lecture: Impostor Syndrome and Academic Training in STEM, Dr. Devasmita Chakraverty, Assistant Professor, Ravi J. Matthai Centre for Educational Innovation, Indian Institute of Management Ahmedabad, 03 March 2020

2020-21

1. International Open Access Week Seminars
<https://dstcpriisc.org/2020/10/16/international-open-access-week-seminar-2020/>
2. Panel Discussions on the Draft 5th National STI Policy:
<https://dstcpriisc.org/2021/01/21/5thnationalstipolicy/>
3. Panel Discussion on Open Data for Rare Diseases:
<https://dstcpriisc.org/2021/02/18/open-data-for-rare-diseases/>
4. Panel discussion on Mainstreaming Gender in STEM: Policies and Practices, 8th March 2021
<https://dstcpriisc.org/2021/03/04/international-womens-day-mainstreaming-gender-in-stem-policies-and-practice/>
5. Symposium series on “Open Access to Humanities and Social Science Information”

This symposium series was organised jointly with the Azim Premji University and the National Institute of Advanced Studies (NIAS).

I	<p>Research and evaluation in humanities and social sciences Date: 20th January, 2021</p> <p>Speakers: Prof. Gopal Guru, Editor, Economic and Political Weekly Prof. Harini Nagendra, Azim Premji University</p> <p>Number of registered participants: 446</p>
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	<p>Link: https://youtu.be/X7Nr0hjEP0g</p>
II	<p>Open access to archives, to support humanities research in India Date: 3rd February, 2021</p> <p>Speakers: Prof. Maya Dodd, FLAME University Venkat Srinivasan, Archivist, National Centre for Biological Sciences Tarangini Sriraman (Host), Faculty, Azim Premji University</p> <p>Number of registered participants: 169</p> <p>Link: https://youtu.be/7LWNfYTskgs</p>
III	<p>Open Access to HSS research - Perspectives from Latin America and the United Kingdom Date: 17th February, 2021</p> <p>Speakers: Dr. Rebecca Darley, Birkbeck, University of London Dr. Dominique Babini and Dr. Laura Rovelli, CLACSO-Latin American Council of Social Sciences Dr Venkat Nadella (Host), DST-Centre for Policy Research, IISc, Bengaluru</p> <p>Number of registered participants: 66</p> <p>Link: https://youtu.be/uAJIY74o3yA</p>
IV	<p>A Martyr and a Warrior: Guerilla open access movement and the continuing battle for radical access to scholarly literature Date: 22nd March, 2021</p> <p>Speakers: Anubha Sinha, Centre for Internet and Society, Bengaluru Arul George Scaria, National Law University, Delhi Muthu Madhan (Discussant), Azim Premji University</p>

2021-22:

1. Policy Lecture Series Lecture 1: 'Building Research Universities', Prof. Pankaj Jalote, Distinguished Professor (CSE), IIT- Delhi
11th August 2021
2. Policy Lecture Series Lecture 2: 'STI Governance: Institutional Mechanisms and Policy Intervention', Dr. Arabinda Mitra
Scientific Secretary, Office of the Principal Scientific Advisor to Government of India, 15th September 2021
3. International Open Access Week-2021: This year's OA Week event at IISc was the fifth in a series. It was also special, since it was being held in honour of Prof. Arunachalam, a champion of the open access movement in India, who turned 80 in September 2021. The event theme was in alignment with this year's OA Week theme: "It Matters How We Open Knowledge: Building Structural Equity."29 October 2021.

Speakers:

- Padmanabhan Balaram, Former Director, Indian Institute of Science, Bengaluru-On Subbiah Arunachalam's work on Scientometrics, Open Access Movement
 - Heather Joseph, Executive Director, Scholarly Publishing and Academic Resources Coalition (SPARC)-On Open by Default and Equitable by Design: The Future of the Open Access Movement
 - Leslie Chan, Professor, University of Toronto, Scarborough, Canada- On Opening Sciences from Below
4. Certificate Programme: 'Participatory Science Advice for Policy Making', on 11th & 14th December 2021
 5. Hybrid event Lecture: The "relevance of Philosophy of Science for science policy", by Prof. Sundar Sarukkai, 24 November 2021
 6. Digital conversation on Young Scientists Learning Open Science, 25 November 2021
 7. Round table Discussion with DST Officials, led by Dr. Akhilesh Gupta, Senior Advisor, DST and STIP Secretariat on 13 Sept 2021. Centre also facilitated Dr. Akhilesh Gupta's meeting the Director of IISc on STI Policy.
 8. Round table Discussion with DST-CPR-IISc Team and Swissnex Members, 28 Oct 2021
Jonas Brunschwig, CEO, Consul General, Swissnex Bangalore
Lena Robra, Head of University Partnerships, Swissnex Bangalore

9. Round table Discussion with DST-CPR-IISc Team and the delegation from Denmark's embassy, 08 Nov 2021
Eske Bo Rosenberg, Consul General, Head of Trade and Innovation Centre Denmark, Bangalore
Jakob Williams Ørberg, Counsellor, Innovation, Research and Higher Education · Royal Danish Embassy in Delhi
Rajeev Balamurgan, Trade Associate, Royal Danish Consulate General, Bangalore

10. Invited lecture by Prof. Sundar Sarukkai on the 'Relevance of Philosophy of Science for Science Policy', 24th November, 2021.

11. Panel discussion on 'Young Scientists Learning Open Science'. This event is jointly organised by the Participatory Research in Asia (PRIA), DST Centre for Policy Research, Indian Institute of Science, Bengaluru, the UNESCO Chair in Community-Based Research and Social Responsibility in Higher Education, and DBT/Wellcome Trust India Alliance to discuss the implications of the UNESCO Recommendation on Science and Scientific Researchers, the UNESCO Recommendation on Open Science, Science with & for society, and the Government of India's STI Policy. <https://dstcpriisc.org/2021/11/23/young-scientists-learning-open-science/>

12. The centre facilitated Photo-shoot at IISc for UNESCO Women in science report, 1st and 2nd Dec 2021
Mr. Hervé Hien Lam (citizen of France) and Ms. Magdalena Sodomkova (citizen of Czech Republic National)
Affiliation: Agence Vu, 58 rue Saint Lazare, 75009 Paris, +33 1 53 01 85 85

On-going Activity 2021-22:

The planning of the digital publishing platform and possible hackathon as a part of the DST-CPR open science project.

An outreach program has been designed that cover the basics of science policy, policy making in India, the Indian STI ecosystem, and avenues for science professionals to get involved in the process either as contributors (science advice/communication/advocacy) or as science policy professionals. The idea is to increase the general awareness among science graduate students, early career researchers, and largely among the public.