

## 1. SUMMARY PROFILE

I am an economist by disciplinary training with a doctoral degree from [Jawaharlal Nehru University](#), New Delhi, India (JNU). I teach courses in the interface of Environment, Development, and Economics. My present research interests include Classical Political Economy, Ecological Economics, Environment and Development and Economics of Ecological Restoration. Before joining TERI SAS in May 2014 as an Associate Professor, I was at the [West Bengal National University of Juridical Sciences](#), Kolkata since September 2001. I became Professor under TERI SAS CAS 2020 w.e.f. 04.04.2018. My works have been published in [Journal of Agrarian Change](#), [Economic and Political Weekly](#), [Journal of Human Development and Capabilities](#), [Proceedings of the National Academy of Sciences of USA](#), and [Biological Conservation](#), among others. I have co-edited volumes published by [Springer](#) and [Sage](#). I have received doctoral fellowships from University Grants Commission at [Centre for Economic Studies and Planning](#), JNU (1997-2001) and (salary protected) Indian Council of Social Science Research at [Institute of Economic Growth](#) (2011-12), and [Fulbright-Nehru International Education Administrator Seminars Fellowship](#) (2018), besides being an Associate at the [Indian Institute of Advanced Study](#), Shimla. I have served as Head, [Department of Policy Studies](#), TERI SAS (2017-18), Secretary, Indian Society for Ecological Economics ([INSEE](#)) (2016-18), Managing Editor, [Ecology, Economy and Society – the INSEE Journal](#) (2018-21), co-editor, (Annual) [Review of Environment and Development](#), [Economic and Political Weekly](#) (2016-2021) Coordinator, [Internal Quality Assurance Cell](#), TERI SAS (2018-21) and Leader, Bioeconomy programme, Preparatory stage proposal to ‘[National Mission on Biodiversity and Human Well-Being](#)’ approved by Prime Minister’s Science Technology and Innovation Advisory Council ([PM-STIAC](#)), funded by Office of the Principal Scientific Adviser to the Government of India (2019-21). I maintain a blog at <https://nawnsense.medium.com/> and a [LinkedIn](#) profile. (277 words)

## 2. GENERAL INFORMATION

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|------------------------|---|---|
| Name                   | Nandan Nawn   |   |
| Workplace              | TERI School of Advanced Studies<br>10, Institutional Area, Vasant Kunj<br>New Delhi 110 070   | (011) 7180 0222                                       |
| Residence              | (Current) 4255, Pocket B, Sector 5 & 6, Vasant Kunj<br>New Delhi 110 070<br>(Permanent) CB 175, Salt Lake City, Sector I<br>Ground Floor, Kolkata 700 064   | 97115 14813 (M)<br>(011) 2613 1296<br>(033) 2334 5444 |
| Email                  | nnletter@gmail.com; nandan.nawn@terisas.ac.in   |   |
| Institutional Web-page | <a href="https://www.terisas.ac.in/faculty.php?id=7">https://www.terisas.ac.in/faculty.php?id=7</a>   |   |
| ResearchGate           | <a href="https://www.researchgate.net/profile/Nandan_Nawn2">https://www.researchgate.net/profile/Nandan_Nawn2</a>   |   |
| Google Scholar         | <a href="https://scholar.google.co.in/citations?view_op=list_works&amp;hl=en&amp;user=4VifVk4AAAAAJ">https://scholar.google.co.in/citations?view_op=list_works&amp;hl=en&amp;user=4VifVk4AAAAAJ</a> |   |
| ORCID ID               | <a href="https://orcid.org/0000-0002-2724-7818">https://orcid.org/0000-0002-2724-7818</a>   |   |
| Web of Science ID      | AAS-1608-2020   |   |
| Languages known        | Bangla [Mother tongue, speak, write, read], English [Speak, write, read], Hindi [Speak, understand, and able to read]   |   |

## 3. EDUCATIONAL QUALIFICATIONS

**Doctor of Philosophy** in Economics (2012); from Centre for Economic Studies and Planning (CESP), School of Social Sciences (SSS), Jawaharlal Nehru University (JNU), New Delhi, India. Thesis titled *A Comparative Study of Modern Chemical Based Agriculture and Organic Farms in terms of Sustainability*.

**Master of Philosophy** in Economics (1998); from CESP, JNU. Dissertation titled *Trade Restriction as an Instrument for Controlling Environmental Degradation*.

**Master of Arts** in Economics (1995); from CESP, JNU.

**Bachelor of Science** with Honours in Economics (1993); from St. Paul’s Cathedral Mission College, Kolkata, University of Calcutta.

**Higher Secondary Examination** (1990); from Patha Bhavan, Kolkata, West Bengal Council of Higher Secondary Education.

**Madhyamik Pariksha** (Secondary Examination) (1988); from Jagadbandhu Institution, Kolkata, West Bengal Board of Secondary Education.

#### 4. PUBLICATIONS

##### A. Refereed Journals

(2021) (with K Bawa *et al.*) '[Securing biodiversity, securing our future: A national Mission on biodiversity and human well-being for India](#)' *Biological Conservation* 253: 108867. ISSN: 0006-3207.

(2020) (with S Vasani and K Bawa) '[Biodiversity-focused Development Ways to Sustain Human Well-being](#)' Review of Environment and Development, *Economic and Political Weekly* LV (49): 27-28. ISSN: 0012-9976.

(2020) (with K Bawa *et al.*) '[Envisioning a biodiversity science for sustaining human well-being](#)' *Proceedings of the National Academy of Sciences of United States of America* 117 (42): 25951–25955. ISSN: 1091-6490.

(2020) '[Editorial Note: Recognising Diverse Stakeholders in Mineral Policy — a Trajectory over Time](#)' *Ecology, Economy and Society—the INSEE Journal* 3 (1): 99–101. ISSN: 2581-6152.

(2019) '[Means to augment Human Well-being](#)' review of J-F Gerber and R S Raina (eds.). 2018. *Post-Growth Thinking in India: Towards Sustainable Egalitarian Alternatives*. New Delhi: Orient Blackswan, *Economic and Political Weekly* LIV (44): 26-29. ISSN: 0012-9976.

(2019) (with S Vasani) '[Labouring Nature, Labour in Nature: Intertwinings and Intersectionalities](#)' Review of Environment and Development, *Economic and Political Weekly* LIV (37): 33-34. ISSN: 0012-9976.

(2018) (with S Vasani and A Kothari) '[Situating Agroecology in the Environment–Development Matrix](#)' Review of Environment and Development, *Economic and Political Weekly* LIII (41): 50-51. ISSN: 0012-9976.

(2018) '[A Report on the INSEE Ninth Biennial Conference on Sustainability, Institutions, Incentives: Voices, Policies and Commitments](#)' *Ecology, Economy and Society—the INSEE Journal* 1 (2): 115–118. ISSN: 2581-6152.

(2018) '[Natural Resources and Institutions](#)', Review of S Enarthy, J Pathak, A Shah, M Verma, and J R Wood, 2016, *Community Natural Resource Management and Poverty in India: Evidence From Gujarat And Madhya Pradesh*, Sage Publications, *The Book Review* XLII (10): 36-37. ISSN: 0970-4175.

(2017) (with S Vasani and A Kothari) '[Introduction](#)' Review of Environment and Development, *Economic and Political Weekly* LII (31): 41-43. ISSN: 0012-9976.

(2016) '[Sustaining the Farming Household for Sustaining the Farming](#)' *Journal of Agrarian Change* 16 (1): 94–122. ISSN: 1471-0358.

(2016) (with S Purushothaman, C Ravi, H Nagendra, M Mathai, S Mundoli, G Joseph, S Barna, R Gopalan, M Bursztyn, M Padmanabhan, S Duncan and R S DeFries) '[Sustainability in Higher Education for the Global South: A Conversation across Geographies and Disciplines](#)' *Sustainability in Debate* 7(1): 56–173. ISSN: 2179-9067.

(2016) [Review](#) of S Lele and A Menon (eds.) *Democratizing Forest Governance in India*, OUP, in *Social Scientist* 44(5-6): 80-86. ISSN: 0970-0293.

(2015) '[Downscaling of Economic System](#)' Review of G D'Alisa, F Demaria and G Kallis, eds., 2015, *Degrowth: A Vocabulary for a New Era*, Routledge, New York and London, *Economic and Political Weekly* 50 (49): 31-33. ISSN: 0012-9976.

(2015) '[For Sustainable SDGs: Righting Through Responsibilities](#)' *Journal of Human development and Capabilities* 16 (4): 625-630. ISSN: 1945-2829.

(2013) '[Using Cost of Cultivation Survey data: Changing challenges for researchers](#)' *Economic and Political Weekly* 58 (26 & 27): 139–147. ISSN: 0012–9976.

- (2012) '[Reforms in PDS administration through computerisation: a weak case for Aadhaarisation](#)' *Journal of Indian Law and Society* 3 (monsoon): 175–205. ISSN: 2277–5552.
- (2009) [Review](#) of P Galizi and A Herklotz, eds., 2008, *The Role of the Environment in Poverty Alleviation*, Fordham University Press, in *Decision*, 36(3), pp. 159–162. ISSN: 0304–0941.

## B. Edited Sections in Journal

- (2020) (with S Vasana and K Bawa) eds., Review of Environment and Development, Theme: Biodiversity focussed development pathways to sustain and augment human well-being, Fourth Issue, *Economic and Political Weekly*, LV (49): 27-59.
- (2019) (with S Vasana) eds., Review of Environment and Development, Theme: Labour and Ecology, Third Issue, *Economic and Political Weekly*, LIV (37): 33-64.
- (2018) (with S Vasana and A Kothari) eds., Review of Environment and Development, Theme: Agrarian Ecology, Second Issue, *Economic and Political Weekly*, LIII (41): 50-98.
- (2017) (with S Vasana and A Kothari) eds., Review of Environment and Development, Theme: Environmental Governance, Inaugural Issue, *Economic and Political Weekly*, LII (31): 41-84.

## C. Edited Books

- (2018) (with V Dayal and A Duraiappah) eds., [Ecology, Economy and Society: Essays in Honour of Kanchan Chopra](#) Springer. ISBN: 978-981-10-5675-8.
- (2018) (with J Elamon) eds., [Sustainability, Institutions, Incentives: Voices, Policies, and Commitments: Conference Proceedings](#), Delhi: Indian Society for Ecological Economics (INSEE). ISBN: 978-81-936058-2-0.
- (2018) ed. [INSEE is Twenty: Looking Back, Thinking Ahead](#), Indian Society for Ecological Economics (INSEE), Delhi. ISBN: 978-81-936058-1-3.
- (2017) (with P Mukhopadhyay and K Das) eds., [Global Change, Ecosystems, Sustainability: Theory, Methods, Practice](#), Sage for Indian Society for Ecological Economics (INSEE). ISBN: 978-938-64-4646-6.
- (2016) (with M Das and S Kar) eds., [Economic Challenges for the Contemporary World: Essays in Honour of Prabhat Patnaik](#), Sage. ISBN: 978-93-515-0878-6.

## D. Chapter in Edited Books

- (2018) (with V Dayal and A Duraiappah) '[Introduction](#)' in V Dayal, A Duraiappah and N Nawn, eds., *Ecology, Economy and Society*, Springer. ISBN: 978-981-10-5675-8.
- (2017) (with P Mukhopadhyay and K Das) '[Introduction](#)' in P Mukhopadhyay, N Nawn and K Das, eds., *Global Change, Ecosystems, Sustainability: Theory, Methods, Practice*, Sage for Indian Society for Ecological Economics (INSEE). ISBN: 978-938-64-4646-6.
- (2016) '[Sustainability, Surplus and Survival: energetic explorations over agriculture](#)', in M Das, S Kar and N Nawn, eds., *Economic Challenges for the Contemporary World*, Sage. ISBN: 978-93-515-0878-6.
- (2016) (with M Das and S Kar) '[Introduction](#)' in M Das, S Kar and N Nawn, eds., *Economic Challenges for the Contemporary World*, Sage. ISBN: 978-93-515-0878-6.
- (2015) '[Energetics of Irrigation under Surplus Rainfall conditions](#)' in A Shah, M Panda, N Ghosh, and P Mukhopadhyay, eds., *Nature, Economy, and Society: Understanding the Linkages*, Indian Society for Ecological Economics and Springer. ISBN: 978-81-322-2403-7.
- (2014; contributing author in) P Dasgupta, J F Morton, D Dodman, B Karapinar, F Meza, M G Riveraferré, A Toure Sarr, and K E Vincent, 2014, '[Rural areas](#)' in [C B Field, et al. (eds.)] *Climate Change 2014: Impacts, Adaptation, and Vulnerability. Part A: Global and Sectoral Aspects. Contribution of Working Group II to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change*. Cambridge University Press, pp. 613-657. ISBN: 978-11-070-5807-1.
- (2010–11/2012) 'Juxtaposing Scientific Uncertainty with Legal Certainty: The Carbon conundrum', *Indian Yearbook of International Law and Policy*, vol. II, Kamal Law House, Kolkata, pp. 154–219.
- (2007) 'Legal Reform and Economic Development in India: case of Alternative Dispute Resolution' in A K Hazra and B Debroy, eds., [Judicial Reforms in India](#), Academic Foundation, New Delhi, pp. 157–69. ISBN: 8171885373.

## E. Conference Proceedings

(2008) 'Environmental Laws and Legal Issues' in *Proceedings of Seminar on Environmental Issues: Achieving a Sustainable Future*, organised by J D Birla Institute, Kolkata, pp. 42–47.

(2006) 'Access to natural resource and environmental justice: case of ground water in India', [Proceedings of the Workshop on Water, Law and Commons](#), New Delhi, 8–10 December, International Environmental Law Research Centre, Geneva, pp. 319–341.

(2005) 'Entry Through Backdoor: Non-Tariff Barriers in Disguise—WTO Case between India and European Communities on Conditions for the Granting of Tariff Preferences to Developing Countries' in D Sarkar, ed., *Emerging Issues on Development*, conference volume, Centre for Economic Studies, Presidency College, pp. 176–190.

## F. Working Paper

(2011) '[Juxtaposing Scientific Uncertainty with Legal Certainty: The Carbon conundrum](#)', NUJS Working Paper Series, NUJS/WP/2011/02, WBNUJS, Kolkata.

## G. Opinions

(2021) '[Can an Indian university occupy a top spot in global rankings?](#)' *Hindustan Times*, June 23.

(2014) '[Just Growth™ or just growth?](#)', *Vikalp*, published on September 27.

(2013) '[Weighing in on water](#)', *Indian Express*, 8 January.

(2004) 'Blame the Politicised Outburst', *The Statesman*, Kolkata, 12 March, p. 9.

## 5. FELLOWSHIPS/SCHOLARSHIPS

**Fulbright-Nehru International Education Administrators Seminar**, through Institute of International Education, 809 United Nations Pl, New York, USA, 20 October–3 November 2018.

**Indian Council of Social Science Research (ICSSR) Institutional Doctoral Fellowship**, at the Institute of Economic Growth, University of Delhi Enclave, Delhi 110 007, 7 January 2011–6 January 2012.

**Associateship(s)** at the UGC Inter-university Centre for Humanities and Social Sciences, **Indian Institute of Advanced Study**, Shimla 171 005, (i) 1–30 April 2006, (ii) 1–24 October 2008, (iii) 1–30 April 2010.

**University Grants Commission Junior Research Fellowship**, at the Centre for Economic Studies and Planning, JNU, New Delhi, August 1997–July 2001 (with temporary suspensions due to teaching assignments) (Roll no P 245080, test held on 30 March 1997; results declared on 21 October 1997).

## 6. TEACHING EXPERIENCE:<sup>1</sup>

### A. [Present](#) (regular position):

- Professor, Department of Policy Studies, **TERI School of Advanced Studies** (earlier TERI University), 10 Institutional Area, Vasant Kunj, New Delhi, NCT of Delhi, India 110070 (since 04.04.2018. under TERI SAS CAS 2020; earlier Associate Professor 26.05.2014. – 03.04.2018. through Direct Recruitment):

(a) Taught/teaching the following courses:

1. [Doctoral Programme, Department of Policy Studies](#): (a) [Research Methodology](#) (shared); (b) [Research and Publication Ethics](#) (shared).
2. [M.Sc. Economics](#) (with specialisation in Environmental and Resource Economics) Programme, [Department of Policy Studies](#): (a) [Methods of Research in Economics](#) (earlier Thesis Proposal/Research Method), (b) [Environment and Economic Development](#), (c) [Theory of Environmental Policy](#), (d) [Natural Resource Economics](#), (e) [Ecological Economics](#) and (f) [Law and Economics](#).

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<sup>1</sup> Annexure 1 contains more details.

3. [LL.M.](#) (Environment and Natural Resources Law / Infrastructure and Business Law) programme: (a) [Economic foundations of environmental and infrastructure law](#).
4. [M.A. in Sustainable Development Practice](#) programme: (a) [Principles of Economics](#) and (b) [Perspectives of Development](#) (shared).
5. [M.Sc. in Environmental Sustainability and Resource Management](#) programme: (a) [Basic Course in Environmental and Resource Economics](#) (shared).
6. [M.A. in Public Policy and Sustainable Development programme](#): (a) [Macroeconomics for Public Policy](#).

(b) Designed the following courses:

1. [M.Sc. Economics](#) (with specialisation in Environmental and Resource Economics) Programme: (a) [Environment and Economic Development](#), (b) [Methods of Research in Economics](#), (c) [Natural Resource Economics](#), (d) [Environmental Economics](#) (co-authored).
2. [LL.M.](#) (Environment and Natural Resources Law / Infrastructure and Business Law) Programme: (a) [Economic foundations of environmental and infrastructure law](#).
3. [M.A. in Public Policy and Sustainable Development programme](#): (a) [Assessing Public Policy: Methods and Measurements](#).

#### B. Previous (regular position):

- Assistant Professor in Economics, School of Social Sciences, West Bengal National University of Juridical Sciences (**NUJS**), LB 12, Salt Lake, Sector III, Kolkata, India 700 098 (25 September 2001–25 May 2014):

(a) Designed and taught the following courses:

1. B.A./B.Sc LL.B. programme: (a) Economics–I: Principles of Economics, (b) Economics–II: Economics Analysis of Law, (c) Law and Economics, (d) Ecology, Economics and Law.

#### C. Previous (ad-hoc/temporary/guest positions)

- Environmental Economics in M.A. Economics programme at Centre for Economic Studies and Planning, **JNU** (July–December 2015).
- (1) [Environment, Natural Resources and Development](#) in MPhil in Development Practice programme, (2) [Aspects of Ecological Economics](#) in MA in Economics programme, and (3) [Macroeconomics–II](#) in B.A. (Honours) in Economics programme, Bharat Ratna **Dr. B R Ambedkar University Delhi** (6 January–23 May, 2014).
- Environmental Law in (Web based distance-learning mode) [MA in Environment and Development](#) programme, **Jadavpur University** (2009–2011).
- Economics for Management at **Institute of Pharmaceutical & Healthcare Management and Research**, Shanti Pally, Kolkata (2009).
- Microeconomics, Development Planning and Policy and Environmental Economics in B.A. Economics programme at Ram Lal Anand College (evening), **University of Delhi** (1999-2001).
- Microeconomics, and Indian Economy in B.A. (Hons) in Economics programme at S G T B Khalsa Post Graduate Evening College, **University of Delhi** (1998-99).
- Junior Project Associate at Environment Policy Cell, **National Institute of Public Finance and Policy**, New Delhi to support the Task Force to Evaluate Market Based Instruments for Industrial Pollution Abatement (January 1997), Ministry of Environment and Forests, Government of India (1996).

## 7. QUASI-ACADEMIC-CUM-INDUSTRIAL EXPERIENCE (SELECT)

#### A. At TERI School of Advanced Studies (earlier TERI University)

- Member, **Academic Council**, September 2015–November 2018 and July 2020–till date.
- Coordinator, **Internal Quality Assurance Cell**, November 2018–September 2021.

- [Master's Thesis Coordinator](#), M.Sc. (Economics) programme, June 2014—May 2016, July 2017—July 2021.
- Member, **Hostel, Canteen and Security committee**, February 2019—February 2021.
- Head, **Department of Policy Studies**, June 2017—December 2018.
- Member, **Internal Quality Assurance Cell**, February 2016—November 2018.
- Convenor, **Library Committee**, February 2016—January 2017.
- **Faculty Placement Coordinator**, M.Sc. (Economics) programme, June 2014—August 2015.
- **Faculty Internship Coordinator**, M.Sc. (Economics) programme, June 2014— August 2015.
- Faculty Advisor, **Elocution Club**, June 2014—June 2015.

## B. At NUJS

- Teacher member, **Executive Council**, May, 2005–December, 2010.
- Teacher member, **Standing Committee**, May, 2005–April, 2009.
- Member, **Academic Council**, June 2002–December 2003.
- Coordinator, **School of Social Sciences**, 2004–2006.
- Co-ordinator, **UGC Cell**, June, 2008–October, 2009.
- Secretary, **Planning Board**, June, 2008–April, 2009.
- Convenor, **Defect Inspection Committee**, April–December 2003.
- Convenor, **Infrastructure Development Committee**, November, 2001–December, 2003.
- Chairperson, Committee to deal with the matters relating to execution of the project in terms of **MOU and proposal with M/s ERNET**, July, 2008–June, 2009.
- In-charge, **Computers and peripherals**, 2001–2003.
- Faculty in-charge for Student Juridical Association, **NUJS elections**, 2003.
- Member, **Under-graduate Council**, June, 2012–June, 2013.
- Member, **Admissions Committee** for National Admission Test 2003 and 2004.
- Member, **Examination Committee**, June–September, 2003, and April, 2007–March, 2008.
- Member, **Moderation Committee**, October, 2008–October, 2009, and August, 2009–June, 2010.
- Member, **Purchase Committee**, November 2001–May 2002, and June 2003–December 2003.
- Member, **Staff Welfare Committee**, June–December 2003 and 30 August–31 December, 2013.
- Member, **Library Committee**, January, 2010–June, 2010 and 30 August–31 December, 2013
- Member, **Sub-Committee on Revision of Student Fees**, March, 2009.
- Member, **Committee for framing Leave Rules**, May 2005–December 2005.
- Member, **drafting team for B.A./B.Sc. LL.B. (Honours) Academic & Examination Regulations 2012**, June, 2012–July, 2013.
- Member, Executive Council Appointed **Committee for Examination of Service Conditions of the Staff of NUJS** and Recommendation, December, 2007.
- Member, Committee for revision of existing rules and regulations for Incorporating the Recommendation of the EC appointed Committee to **Examine Service Conditions** of the Staff, April–July 2008.
- Member, **Advisory Committee on Computer matters**, January, 2005–January, 2006.
- Member, **Committee for Certificate Courses**, December 2005–February 2006.
- Faculty Advisor, **Cyber Committee**, Student Juridical Association, June 2003–May 2005
- Faculty Advisor, **Website Committee**, June 2003–January 2004.
- Member, **Cyber Committee**, 30 August–31 December 2013.

### C. At Indian Society for Ecological Economics (INSEE)

- **Managing Editor**, Ecology, Economy, Society--the INSEE Journal (2018–2021).
- Member, **Executive Committee**, 2008–2010, 2010–2012, 2012–14 and 2016–18.
- **Joint Secretary** (2011–12).
- **Secretary** (2016-18).

### D. At JNU

- Unopposed Member of **Student-Faculty Committee**, CESP, September 1994-August 1999.
- Unopposed Member, **Hostel Committee**, Kaveri Hostel, 1996-97.
- Elected Convenor, **Film Club**, 1997-2000.
- Member, **Computer Committee**, CESP, JNU, 1995-1999.
- Member of the Team for **Operationalising ExIm Bank-JNU Library**, 1996-2001.
- Member, Organising Committee, **Conference on Economic Theory and Policy**, CESP, 1999.

## 8. INVITED LECTURE/PANEL DISCUSSION/MODERATION/CHAIR

1. Moderator to 'AGENDA 2021: Practical Significance of the Dasgupta Review--A conversation with Partha Dasgupta', organised by **National Biodiversity Authority, MoEFCC, Biodiversity Collaborative, Campaign for Nature, UNDP and YES Bank**, on Zoom Platform, 24 June 2021.
2. Panellist to the session titled 'Economics of Climate Change' in a World Environment Day Seminar on the theme "The Future of Our Planet: Environment, Climate Change, and Sustainability" organised by **Jindal School of Environment and Sustainability**, Zoom, 5 June 2021.
3. 'Bioeconomy component of the National Mission on Biodiversity and Human Well-being', Expert Lecture at Technical session on Natural Capital Accounting in 12th Biennial Lake symposium - Lake 2020 focusing on ecosystem goods and services, **IISc**, Bengaluru, Zoom, 29 December, 2020.
4. Panellist to 'Towards a New and Regenerative Green Economy: Challenges and Opportunities', 8th Eastern Himalayan Natureconomics Forum, organised by **Balipara Foundation**, 1-5 December 2020, on Cyberspace. Recording available online at <https://www.youtube.com/watch?v=r7QMQu3gTUU>.
5. Resource Person to 'Biodiversity and Bio-economy: Locating bio-resource based development pathways', **Biodiversity Collaborative**, 16th October 2020, on Zoom.
6. Resource Person to 'Balancing Ecology and Economy: in light of water governance in India', 15th October 2020, organised by **Asian Confluence with Hanns Seidel Foundation** on StreamYard broadcast.
7. 'Biodiversity Driven Sustainable (Economic) Development'. Webinar to celebrate International Day for Biological Diversity, **Maharashtra State Biodiversity Board**, 22 May 2020, Google Meet.
8. 'Measuring Economic Progress – should nature be taken into account', Distinguished Public Lecture Series, **Indian School of Business and Finance (ISBF)**, New Delhi, 3 March 2020.
9. 'Environment and Economic Development in India: seeing like an ecological economist', curtain raiser event to Climate Change and Disasters: Challenges, Opportunities and Responses, The Tenth INSEE Biennial Conference, Department of Economics, Arts College, **Osmania University**, 5 November 2019.
10. Panelists to session on 'Inclusive Wealth Approach to Development' in International Workshop on Inclusive Development Pathway: Climate Integrated Resource Efficiency Approach, organised by **The Celestial Earth**, at India Habitat Centre, New Delhi, 26 November 2018.
11. 'Measuring Economic Progress – should nature be taken into account', 2<sup>nd</sup> Refresher Course in Environmental Studies, **UGC-Human Resource Development Centre, JNU**, 20 November 2018.
12. 'Integrated Wealth Accounting: does it really matter?' in Workshop on Research Methodology in Environmental Economics, organized by and at Department of Economics and Politics, **Visva-Bharati** in association with Indian Society for Ecological Economics (INSEE), 16 November 2018.
13. 'Workshop on Ecological Economics', Department of Economics of Satyawati College (morning and evening), **University of Delhi** in association with **INSEE**, 27 September 2018.

14. 'From accounting of a Flow to multiple Stocks to measure Progress: reflections on UN System of Environment and Economic Accounting' in Ecology, Economy and Society organised by and at Inter University Centre for Alternative Economics, Department of Economics, **University of Kerala**, Thiruvananthapuram, 16-18 August 2018.
15. 'Cantor's World Curriculum' in First 'Training the Trainers' workshop on Cantor's World Game, organized by and at UNESCO-**Mahatma Gandhi Institute of Education for Peace and Sustainable Development**, New Delhi, 24 July 2018.
16. 'Environment and Economic Development in India' in the International Summer School (ISS) organised by **Centre for Escalation of Peace (CEP)** at Nehru Memorial Museum and Library, 5<sup>th</sup> July 2018.
17. 'Behavioural Responses in Decision involving Disaster Preparedness: Risk Perceptions among Vulnerable Populations', in International Conference on Reinforcing Institutional Decision making in Disaster Preparedness and Mitigation, **Special Centre for Disaster Research**, JNU, 16-18 February 2018.
18. 'Ecological Footprint, Degrowth and Communities: Actions, Practices, Transformations in India' in the International Summer School (ISS) organised by **Centre for Escalation of Peace (CEP)** at Convention Centre, JNU on 7<sup>th</sup> July 2017.
19. 'Responsible Corporations and Corporate Social (and Environmental) Responsibility—Two Sides of the Same Coin?' in Two-Weeks Capacity Building Programme on Industrialisation, Corporate Sector and Development, **Institute for Studies in Industrial Development (ISID)**, New Delhi, 30<sup>th</sup> May 2017.
20. 'Concepts and Tools for Accounting of Resources—macro dimensions' in Short-term Training Programme on 'Applied Economic Tools and Techniques for managing Environmental Resources', Department of Policy Studies, **TERI University**, New Delhi, 3<sup>rd</sup>- 5<sup>th</sup> October 2016.
21. 'Promoting Research Ethics (Including tools to avoid plagiarism)' and 'How to Introduce Masters and PhD Programs in an University' in Training on Building Research Capacity for the Faculty and Staff of Royal University of Bhutan, **TERI University**, New Delhi, 4<sup>th</sup> to 7<sup>th</sup> July, 2016
22. 'Law and economics in the context of sustainable development' in Trade and sustainable development: Issues for developing countries training course for government and non-government officers from other developing countries, **ITEC (Indian Technical and Economic Cooperation) / SCAAP (Special Commonwealth Assistance for Africa Programme)** of the Government of India, organised by Centre for Global Agreements, Legislation and Trade (CALT) of The Energy and Resources Institute (TERI), on 9<sup>th</sup> November, 2016.
23. 'Political Ecology of Development', workshop on "Development: Perspectives and Processes", **PRADAN**, New Delhi, 9 July, 30 July, 6 August 2016.
24. 'Sustainable Development and Indian Economy' at International Summer School (ISS) organised by **Centre for Escalation of Peace (CEP)**, New Delhi, 5 July 2016.
25. 'Student engagement with young researchers in MSc Economics (with specialisation in environment and resource economics) programme' in 'Research Supervision skills' training program for academic faculty from Royal University of Bhutan, **TERI University**, New Delhi, 3 to 6 May 2016.
26. 'Law and economics in the context of sustainable development' in Trade and sustainable development: Issues for developing countries training course for government and non-government officers from other developing countries, **ITEC (Indian Technical and Economic Cooperation) / SCAAP (Special Commonwealth Assistance for Africa Programme)** of the Government of India, organised by Centre for Global Agreements, Legislation and Trade (CALT) of The Energy and Resources Institute (TERI), 4 November, 2015.
27. 'Integrating sustainability in Post Graduate research' in 'Research Supervision skills' training program for academic faculty from Royal University of Bhutan, **TERI University**, New Delhi, 24 to 28 August 2015.
28. 'Capabilities, Resilience, Communities' in symposium titled 'Research and education for rural development and food security to build resilient rural environments: Australian and Indian perspectives', organised by the Graham Centre for Agricultural Innovation, **Charles Sturt**



- University, University of Western Sydney, Centre for Development Practice, Ambedkar University Delhi and PRADAN** in India International Centre, Delhi, 20 April 2015.
29. Panel discussion on ‘Integrating sustainability in existing curriculum: Agricultural Sciences as a case’ in ‘Sustainability in Higher Education – For the Global South’, Workshop, **Azim Premji University**, Bangalore, India, 12–14 January 2015.
  30. Lectures on Economics at **Maharashtra National Law University Mumbai** (MNLU Mumbai), at Tata Institute of Social Sciences, Mumbai, 22-25 October 2015.
  31. ‘Is Small Really Beautiful? Hidden Agenda in the Era of Methodological Pluralism’, Seminar 4, Seminar Series 2015, Centre for Economic Studies and Planning, **JNU**, 17 February 2015.
  32. ‘Political Economy of Social Forestry Projects in Clean Development Mechanism’ in Ministry of Environment and Forests, Government of India sponsored one week IFS Officers’ Training Programme on Scope of Forestry Projects in Clean Development Mechanism under Climate Change, 7—8 July, 2014, organised by **NUJS**, Kolkata.
  33. ‘Issues in Academia / R&D (non-commercial scientific research)’ in the National Consultation Meeting on ‘Economic Valuation of Bio-resources for Access and Benefit Sharing (ABS)’, **National Biodiversity Authority** (NBA), Chennai, 9–10 December 2013.
  34. ‘Aspects of Law and Economics’, in the Credit Course on ‘Law and Economics’, **Gujarat National Law University**, Gandhinagar, Gujarat, 15–17 February, 2013.
  35. ‘Development Studies and Development Practice’, in the programme on MPhil in Development Practice, **AUD**, 17 August, 2012.

## 9. COMMISSIONED WORKS

1. Leader, Preparatory stage proposal to [‘National Mission on Biodiversity and Human Well-Being’](#) approved by Prime Minister’s Science Technology and Innovation Advisory Council ([PM-STIAC](#)), funded by Office of the Principal Scientific Adviser to the Government of India, September 2019-September 2021.
2. Review of paper titled ‘Tracking Public Expenditure Priorities for Developing Low Carbon Strategies for Power Sector in India’, for **Centre for Budget and Governance Accountability**, New Delhi, 18-30 March 2016.
3. Paper titled ‘Quantification of Energy Cost for Irrigation in selected States for the agricultural year 2004–05’ for the Project titled *Socio-economic Study of Rainfed Agriculture and Low Input Animal Husbandry in India* by *CSSP-Economic Research Unit* at the Centre for Studies in Science Policy, **JNU**, New Delhi, April 2012–March 2013.
4. Material for Environmental Law course in (Web based, Distance learning mode) MA in Environment and Development programme, **Jadavpur University**, Kolkata, October 2005–January 2006.

## 10. RESEARCH SUPERVISION

### A. Doctor of Philosophy (all at TERI School of Advanced Studies)

1. (Completed) [Arpita Bisht](#), ‘Ecological Distributional Conflicts against Mineral extractivism at resource peripheries in India’.
2. (Ongoing) Sanjay Prakash Bhagat, ‘Policy and Regulatory Interventions for Grid Integration of Variable Renewable Energy (RE) Sources’.

### B. Master of Philosophy (at Dr. B R Ambedkar University Delhi)

1. Neeraj Joshi, ‘Rural Transformation in Podchuanpadar, Raygada district, Odisha; communities’ needs, effective communication and institutions of delivery’ (2014).

### C. M.Sc. Economics Master’s Thesis (all at TERI School of Advanced Studies)

1. [Abha Nirula](#), ‘Assessment of early warning system for floods in Uttarakhand: A Case Study Approach (2017) [Co-supervisor: Suruchi Badhwal].

2. [Akshay M](#), 'Payment for Ecosystem Services through Contract Farming: A Study of the Natural Rubber Sector in Kerala' (2019).
3. [Anuja Malhotra](#), 'Applying Industrial Ecology Principles to make Cement Industry in NCR of Delhi 'Greener'- Possibilities and Challenges' (2019) [Co-supervisor: Ashok Kr. Dikshit].
4. [Anvi Khandelwal](#), 'Exploring Hartwick Rule Counterfactual for Jharkhand' (2017).
5. [Arpit Bhargava](#), 'Determinants of Air Pollution in Delhi and estimating its future economic cost' (2017).
6. [Bhakti Anand](#), 'Sustaining the Use of Biochar- An Economic and Ecological Dimension' (2018).
7. [Gursparsh Kaur](#), 'The Economic and Employment Impact of Ecological Restoration: A Case Study of Chilika Lake' (2021).
8. [Karan Bhasin](#), 'Environmental Governance in India: An inefficient outcome due to lack of "specialized" and strong institution?' (2018) [Co-supervisor: Jaivir Singh].
9. [Kavitha Srikanth](#), 'Is it possible for smallholder farmers to benefit out of commodity exchanges?' (2018) [Co-supervisor: Nilanjan Ghosh].
10. [Komal Juneja](#), 'Comparing the methodologies of selected natural capital components of various wealth accounting protocols' (2021).
11. [Meghaa Gangahar](#), 'Consumption-based approach towards resource use indicators' (2019).
12. [Mridhu Tandon](#), 'Ecological and Socio-Ecological connotations of Sustainable Development: The Indian Case' (2016).
13. [Mrignyani Sehgal](#), 'Assets and Inter-temporal Wellbeing- A Micro-econometric analysis of Mobility and its Determinants in India (2004-5 to 2011-12)' (2017).
14. [Nupur Ahuja](#), 'Locating barriers in solar panel manufacturing in India: Nature, Type and Scope' (2021).
15. [Prachi Jhamb](#), 'What is the economic cost that could have been avoided if the Najafgarh Jheel was still present?' (2018).
16. [Ritu Ahuja](#), 'Comparison of social benefits derived from Hartwick's Rule Counterfactual vis-à-vis creation of Permanent Fund' (2018).
17. [Sanjana Kumari](#), 'Archaeology of 'development': Rediscovering impacts of the State 'development' policies and projects in resource-rich and tribal areas of India' (2016) [Co-supervisor: Julien-Francois Gerber].
18. [Shivi Takkar](#), 'Land Acquisition: How fair is the "fair compensation"?' (2019).
19. [Shruti Goyal](#), 'Sustainability of Organic Farming – In context of Giridih, Jharkhand' (2019).
20. [Srishti Goyal](#), 'Dematerialization and Income Distribution' (2016).
21. [Swati Asnani](#), 'Ecological-economic modelling of Sambhar Lake' (2018).
22. [Vedanta Dhamija](#), 'Does Resource Use Vary with Farm Size? An efficiency analysis for India' (2015).
23. [Yashi Puri](#), 'Analysing the costs of different alternatives of highway construction through Aravalli Biodiversity Park, Gurgaon' (2020) [Co-supervisor: Kanchan Chopra].

## 11. PRESENTATION IN CONFERENCES/SEMINARS/WORKSHOPS (select)

### A. Agrarian Energetics/Energy Analysis/Agriculture-Ecology-Environment

1. 'Sustainability of Agriculture: exploring the labour and livelihood dimensions', in 'Sustainability – Missing Points in the Development Dialogue', **World Economics Association** (WEA), [Conferences, 2012, no. 2](#), 24 September–21 October 2012.
2. 'Energy Costs of Agricultural Practices in Rainfed Areas', in 'Rethinking Policy Innovations and Research Questions for Revitalising Rainfed India', Economic Research Unit, Centre for Studies in Science Policy, **JNU**, New Delhi, 5 May 2012.
3. 'Value of Rainfall to the Farmer-cultivator using Energy Analysis', in 'Nature, Economy and Society: Understanding the Linkages', Sixth Biennial Conference of the **Indian Society for**

**Ecological Economics** (INSEE), at the Centre for Economic and Social Studies (CESS), Hyderabad, 22 October 2011.

4. 'Sustainability of Agriculture and Energy Analysis', in 'International Workshop on Integrated Ecosystem Modeling', **Ashoka Trust for Research in Ecology and the Environment** (ATREE), Land Use Policies and Sustainable Development in Developing Countries (LUPIS) and Indian Society for Ecological Economics (INSEE), at Royal Orchid Resorts, Bangalore, 24 June 2010.
5. 'Embodied Energy in Commodities as a tool for economic decision making', in 'Associates Seminar', UGC Inter-university Centre for Humanities and Social Sciences, **Indian Institute of Advanced Study** (IIAS), Shimla, 21 April 2010.
6. 'Interaction between Environment and Agriculture-a study on the Warrangal District of Andhra Pradesh', in 'Ecological Economics for Sustainable Development', First Biennial Conference of the **INSEE**, at Institute for Social and Economic Change, Bangalore, 22–24 December 1999.

## B. Political Ecology/Environmental Justice/Law

7. 'Seeing like a State: Constructing the Environment in the Judicial' *in* 'The Environment as Meta Narrative, Department of Sociology, Delhi School of Economics, **University of Delhi**, 6th March 2020.
8. 'Ecology and Labour in rural reconstruction: revisiting programmes at Surul-Sriniketan' in 'Rabindranath Tagore's Rural Reconstruction and its Relevance Today', **Indian Institute of Public Administration**, New Delhi, 2 May 2012.
9. 'Varieties of Environmentalism: ours, their, yours, mine', in 'Associates Seminar', UGC Inter-university Centre for Humanities and Social Sciences, **IIAS**, Shimla, 17 October 2008.
10. 'Environmentalism to Ecologism', in 19th Orientation Course, UGC-Academic Staff College, **Jadavpur University**, 21 February 2008.
11. 'Capability Approach and Natural Resources', in Refresher Course in Economics, UGC-Academic Staff College, **JNU**, New Delhi, March 2007.
11. 'Environmental laws and legal issues', in 'Environmental Issues: achieving a sustainable future', **Smt. J D Birla Institute**, Kolkata, 15 March 2008.
12. 'Legal Framework for Sustainable Agriculture', in 'Ecological Sustainability and Human Well-being', Ninth Biennial Conference of the **International Society for Ecological Economics** (ISEE), at India Habitat Centre, New Delhi, 16–18 December 2006.
13. 'Access to natural resource and environmental justice: case of ground water in India', in 'Workshop on Water, Law and Commons', **International Environmental Law Research Centre**, New Delhi, 10 December 2006.
14. 'Law, Economics, and Environment: analysis of Govadarman Judgment(s)', in 'Associates Seminar', UGC Inter-university Centre for Humanities and Social Sciences, **IIAS**, Shimla, 21 April 2006.
15. 'Political economy of Music Copyright: challenges from recent technological developments and the survival of the Justificatory Rhetoric', in 'Law and Social Sciences in South Asia', Inaugural Conference of **Law and Social Sciences Research Network** (LASSnet), Centre for Studies in Law and Governance, Jawaharlal Nehru University, New Delhi, 11 January 2009.

## C. Development Economics/Globalisation

16. 'Law's relationship with Trust: distrust or comfort zone', in 'Trust in Transactions', Economic Sociology Conference, **Institute for Development Studies, Kolkata** (IDSK), 16-18 November 2015.
17. 'Labour in the times of Neo-liberalism: re-imagination, re-vision, re-formulation' in "Workers and the Global Informal Economy: Interdisciplinary Perspectives", Institut d'Etudes Avancées de Nantes (**Nantes Institute for Advanced Study**), France, 25–26 March 2015.
18. 'Development Consensus' to 'Washington Consensus' to a new post Washington consensus 'Development Consensus' in 1<sup>st</sup> Refresher Course on Global Studies, UGC-Academic Staff College, **JNU**, New Delhi, 8 April–3 May 2013.
19. 'Entry Through Backdoor: Non-Tariff Barriers in Disguise-WTO Case between India and European Communities on Conditions for the Granting of Tariff Preferences to Developing

Countries', in 'Emerging Issues on Development', Centre for Economic Studies, **Presidency College**, Kolkata, 8–9 December 2004.

20. 'Trade and Environment in World Trade Organisation: Lessons and Experience', in 'National Conference on Economic and Statistical Issues in Development', Economics and Statistics Department, **Kalyani University**, West Bengal, 10–11 March 2000.
21. 'Trade and Environment in World Trade Organisation: Lessons and Experience' in 'National Conference on Environment', organised by *Paschimanga Vigyan Mancha (West Bengal Science Forum)*, at Science City, Kolkata, 2–5 February 1999.

## 12. PROFESSIONAL QUALIFICATION/TRAINING

### A. Participation

1. 1<sup>st</sup> Refresher Course on Global Studies of the UGC-Academic Staff College, **JNU**, New Delhi, 8 April–3 May 2013.
2. An Introductory Course in Environmental and Natural Resource Economics, organised by **South Asian Network for Development and Environment Economics (SANDEE)**, Kathmandu, Nepal at Asian Institute of Technology, Pathunthami, Thailand, 3–20 May 2010.
3. 19<sup>th</sup> Orientation Course of the UGC-Academic Staff College, **Jadavpur University**, Kolkata, 28 January–25 February 2008.
4. Refresher Course in Economics of the UGC-Academic Staff College, **JNU**, New Delhi, 5–30 March 2007.
5. Workshop for PhD scholars on Agrarian Studies in India, organised by **Foundation for Agrarian Studies**, Bangalore, 26–29 March 2004.
6. Workshop on Law and Economics at **Indira Gandhi Institute of Development and Research**, Mumbai, 18–29 March 2003.
7. One-day training programme on Hydrology for Social Scientists, organised by the **INSEE**, at Indian Institute of Forest Management, Bhopal, 18 December 2001.

### B. Qualification

1. UGC test for eligibility for Lecturership in Economics (held on December 24, 1995).

## 13. OTHER INFORMATION:

### A. Membership of Professional Societies:

1. Indian Society for Ecological Economics (INSEE).
2. Law and Social Sciences Research Network (LASSnet).
3. World Economic Association (WEA).

### B. Examiner

#### A. Doctoral Thesis

- a) *Market-Based Approaches in Negotiations at the United Nations Framework Convention on Climate Change: Implications for 'Environmental Justice'*, Centre for Studies in Science Policy, JNU, New Delhi (2013).
- b) *Technological changes in Indian Household Water Purifiers: an Evolutionary Perspective*, Centre for Studies in Science Policy, JNU, New Delhi (2019).

#### B. M.Phil. dissertation

- a) *Ecological Crisis and Economy: An Ecosocialist Interrogation*, Master of Philosophy in Economics, Department of Economics, University of Calcutta (2021).
- b) *Access to drinking water with collective action: Rayagada district Odisha*, Master of Philosophy in Development Practice, Dr. B R Ambedkar University Delhi (2017).
- c) *A transformative praxis in search of 'living' Land, livelihood and kondha life-world, Jambuguda*, Master of Philosophy in Development Practice, Dr. B R Ambedkar University Delhi (2019-20).

**C. Reviewer in Journals**

1. *Economic and Political Weekly*.
2. *Agrarian South: Journal of Political Economy*.
3. *Journal of Indian Law and Society*.
4. *Social Change and Development*.
5. *Progress in Development Studies*.
6. *Environmental Management*.

**D. Memberships to Committees/bodies**

1. Committee for drafting Syllabus of Diploma in Environmental Law and Management, Jadavpur University, Kolkata, 2009.
2. Member, [Internal Quality of Assurance Cell, National Law University, Delhi](#), May 2021—

**E. Pursuits and ‘capabilities’ other than ‘Academic’**

- Intensive Multi-Media Workshop organised by Fine Arts Club, JNU and Lalit Kala Academy at JNU, September 1997.
- Basic Rock-Climbing Course organised by JNU Mountaineering Club at Dhuj, Haryana, February 1996.
- Kayaking and Ecological Awareness Programme, organised by Mercury Himalayan Exploration on behalf of National Adventure Foundation and University Grants Commission, March 1995.
- Adventure and Ecology Awareness Programme (White Water Rafting) organised by Mercury Himalayan Exploration on behalf of National Adventure Foundation and University Grants Commission, March 1994.
- Basic Skiing Course conducted by North Face Ski School, Manali, National Adventure Foundation, and University Grants Commission, January 1994.
- Basic Photography Course conducted by *Chhayapath*, Calcutta under the auspices of Federation of Indian Photography 1991–92.
- Has a reasonable trekking experience: Gangotri – Bhujbasa – Gomukh – Tapovan – Gangotri Glacier – Nandanvan - Basuki Taal – Gangotri (1999), Dalhousie-McLeodskygunj-Triund (1998), Dalhousie-McLeodskygunj-Triund (1999) and snow trek from Manali to Solang Valley (10 kms approx), (1994) en route to North Face Ski School, Solang Vaelly for Basic Skiing Course.
- Avid reader of contemporary Bangla literature and listener of Classical Music, (both Eastern, Western and Mixes), *jibonmukhi* Bangla songs, Rabindrasangeet (both orthodox and heretic versions).
- Has reasonable knowledge of wood and plywood work, can design and supervise almost any wood related work; working knowledge of Civil, Electrical, Plumbing constructions and maintenance.
- Can operate Photocopier, Fax machines, Scanners etc.
- Can cook reasonably well and drive two and four wheeled passenger vehicles.
- Possess reasonable ‘desktop’ publishing skills, including MS Word, MS-Excel, Picasa, PDFill, Powerpoint and other such.

## Annexure 1: A snapshot on courses taught and designed

**COURSES TAUGHT AND DESIGNED--A SNAPSHOT**

| Institution   | Level and Programme  | Title of course  | Type | Credit | Designed | Co-designed   | Academic Years              |                      |  |
|---|--|--|------|--------|----------|---------------|-----------------------------|----------------------|--|
|   |  |  |      |        |          |               | Taught                      | Co-taught            |  |
| W.B. National University of Juridical Sciences            | B.A./B.Sc. LL.B. (Hons.)   | Principles of Economics                                      | C    |        | Y        |               | 2001-2009, 2012, 2013       |                      |  |
|   |  | Economic Analysis of Law                                     | C    |        | Y        |               | 2002-2010, 2012             |                      |  |
|   |  | Law and Economics  | E    |        | Y        |               | 2004-2007, 2013             |                      |  |
|   |  | Ecology, Economics and Law                                   | E    |        | Y        |               | 2008-2009, 2012             |                      |  |
| Jadavpur University                                       | M.A. in Environment and Development  | Environmental Law  | C    | 8      | Y        |               | 2009, 2010                  |                      |  |
| Dr. B R Ambedkar University Delhi                         | M.Phil. in Development Practice  | Environment, Natural Resources and Development               | C    | 2      |          |               | 2013                        |                      |  |
|   | M.A. in Economics  | Aspects of Ecological Economics                              | E    | 4      | Y        |               | 2013                        |                      |  |
|   | B.A. in Economics  | Macroeconomics II  | C    | 4      |          |               | 2013                        |                      |  |
| TERI School of Advanced Studies (earlier TERI University) | M.Sc. in Environmental Studies and Resource Management                           | Basic course in environmental and resource economics         | E    | 3      |          |               |                             | 2014                 |  |
|   | M.A. in Sustainable Development Practice   | Principles of Economics                                      | C    | 3      |          |               | 2014 #                      |                      |  |
|   |  | Perspectives of Development                                  | C    | 1      |          |               |                             | 2014                 |  |
|   | M.Sc. in Economics (with specialisation in Environmental and Resource Economics) | Methods of Research in Economics                             | C    | 4      |          | With S Sarkar |                             | 2019                 |  |
|   |  | Thesis Proposal *  | C    | 4      |          |               | With many, over the years   | 2014-2015, 2017-2018 |  |
|   |  | Master's Thesis *  | C    | 20     |          |               | With S Sarkar and S Sangita | 2014-2015, 2017-2020 |  |
|   |  | Environment and Economic Development                         | C    | 4      | Y        |               |                             | 2014-2020            |  |
|   |  | Natural Resource Economics                                   | C    | 4      | Y        |               |                             | 2019, 2020           |  |
|   |  | Economics of Natural Resources                               | C    | 4      |          |               |                             | 2014, 2015           |  |
|   |  | Environmental Economics                                      | C    | 4      |          |               | With S Das                  |                      |  |
|   |  | Theory of Environmental Policy                               | C    | 4      |          |               |                             | 2017                 |  |
|   |  | Ecological Economics   | E    | 3      |          |               |                             | 2017                 |  |
|   | Law and Economics  | C  | 3    |        |          |               | 2016                        |                      |  |
|   | LL.M.  | Economic foundations of environmental and infrastructure law | C    | 1      | Y        |               |                             | 2015                 |  |
| Ph.D. in Policy Studies                                   | Research Methodology   | C  | 3    |        |          |               |                             | 2020                 |  |
| Ph.D. in Legal Studies                                    | Research and Publication Ethics  | C  | 2    |        |          |               |                             | 2020                 |  |

Notes: C = Core; E = Elective | 2001 stands for academic year 2001-02, and so on | \* Not a taught course