



# INSTITUTE OF ECONOMIC GROWTH

## Annual Report 2017–18





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INSTITUTE OF ECONOMIC GROWTH

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# 1

## From the Director's Desk: Highlights of 2017–18



In keeping with its basic mandate, the Institute of Economic Growth (IEG) has actively pursued its research and teaching agenda in the year 2017–18 even as it faces some emerging challenges. IEG faculty continued to publish in various forms. They published four books and 60 papers in international and national professional journals or as chapters in books. Further, about 30 study reports were prepared during the year. IEG brings out a well-recognised tri-annual journal *Contributions to Indian Sociology* published by Sage Publications. Several faculty members were members of editorial boards of international and national journals. They have helped the policymaking process by serving in various committees of the government. The faculty supervised several M. Phil. and Ph.D. scholars and seven of them received Ph.D. degrees from different universities. Some faculty spent time on visiting assignments at the Harvard, Oxford and Michigan Universities. Faculty also presented several research papers in various international and national seminars and conferences. Some of them delivered guest lectures in universities and institutes.

The faculty undertook teaching of the Trainee Officers in the Indian Economic Service in economic techniques and policy analysis. Over the years, IEG has specialised in this field and responded to changing needs. During 2017–18, a short-term training programme was organised for the Indian Statistical Service Officers on Micro- and Macroeconomic Theory. A research methodology workshop was also organised on 'Livelihood Health and Well-being of Marginalised Groups in India' for SC/ST research scholars.

In 2017–18, IEG collaborated with other organisations for enhancing research and policy engagements. It signed MoUs with NITI Aayog, Confederation of Indian Industry (CII) and joined the Centre for Advanced Studies in the Humanities and Social Sciences supported by the German Federal Ministry of Education and Research (BMBF). IEG became a member of the Shastri Indo-Canadian Institute during the year which provides various opportunities for its member institutions.

Our Chairman Tarun Das was among the recipients of the Spring Imperial Decorations conferred by the Japanese government in recognition of his contribution towards strengthening relations between Japan and India. Former Director Bina Agarwal was awarded the prestigious international Balzan Prize 2017 for an innovative gender perspective on development issues and policies. She also received the Order of Agricultural Merit (Officer) from the Government of France in 2017.

Several faculty organised seminars and workshops on a wide range of topics. Some of these were organised in collaboration with the government on studies undertaken by the Institute. Two conferences reviewed research being carried out in agriculture and demography by many sister organisations supported by the government. A book titled *Economic Growth in India and its Many Dimensions*, edited by Arup Mitra, was launched at the IEG in honour of late B.B. Bhattacharya in January 2018. K.L. Krishna, S.R. Hashim and some other eminent social scientists spoke on the occasion.

A post-budget conference was organised in collaboration with the CII on February 14, 2018 at the India International Centre, New Delhi, chaired by Arun Bharat Ram. Rajiv Kumar, Vice-Chairman, NITI Aayog gave an engaging and passionate keynote address on the current development process dealing with various programmes and policies underlying the Central Budget 2018-19. This was followed by a panel discussion; T.C.A. Anant, Indrani Gupta, P.K. Joshi, Rajat Kathuria and Shubnum Singh were the discussants and it was moderated by Manoj Panda. The speakers highlighted various features of the budget and critically examined the implications.

During the year, C. Rangarajan, a long time well-wisher of IEG, desired to be relieved from the life membership of the IEG Trust and Jamshyd N. Godrej joined as a life trustee. T. N. Madan also desired to be relieved from the treasurership of the IEG Society and B. N. Goldar joined in his place. Further, the Board of Trustees nominated Rohini Somanathan as a member of the Board of Governors.

Arup Mitra was granted leave to take up the position of the Director General of the National Institute of Labour Economics Research and Development, Delhi. C.S.C. Sekhar joined the Indian Economic Service Section on leave from the Agricultural Economics Research Unit. Anita Kumari joined as an Assistant Professor on a contract basis in the Agricultural Economics Research Unit. Four new Indian Council of Social Science Research (ICSSR) doctoral fellows joined the Institute during the year. Siba Sankar Sahoo joined as Administrative Officer and Santosh Kumar Gupta as Assistant Librarian. We welcome the new faculty, fellows and staff.

IEG lost two colleagues in the passing away of Pradeep Agrawal and Moneer Alam who contributed considerably to our academic activities. We also bade farewell to Usha Azad on her superannuation with reminiscences of her long association. Aravind Kumar Varma, Administrative Officer, returned to his parent organisation.

Faculty and staff passionately celebrated Independence Day and Republic Day by hoisting the national flag, organising cricket and volleyball matches between faculty and administrative staff. On these occasions, the campus children took part in painting competitions and delightful cultural shows that attracted a large audience. Our founder V.K.R.V. Rao's birthday was celebrated in July with the planting of trees in the lawn. The campus garden won more than 60 prizes in different categories in the University of Delhi annual flower show. The Staff Welfare Committee regularly awards scholarship and book grants to the children of the employees.

The University of Pennsylvania's Think Tanks and Civil Societies Program (TTCSP) continues to place IEG among the top think tanks across all subjects in a regional category that includes China, Japan and the Republic of Korea. It has also put IEG among the top-ranking health policy think tanks around the world for several years. Such recognition will encourage us to further enhance our contribution.



The Institute faces several challenges. We need to reach out to a wider audience through a teaching programme for Ph.D. candidates and interaction with civil society. To meet the emerging challenges, our research should expand to some new areas like financial economics and information technology. The Institute needs to strengthen its human and financial resources to meet such challenges. We count on the continuing support from friends and well-wishers of the Institute.

These and other activities documented in this report provide an opportunity to IEG to serve the nation by generating and disseminating our knowledge base in the spheres of economics and social development. There is no doubt that IEG will move further on this path in the coming years.

Manoj Panda





# 2

## About the Institute



The Institute of Economic Growth (IEG) is an autonomous, multi-disciplinary centre for advanced research and training. Founded in 1952 by eminent economist V.K.R.V. Rao, it is one of India's leading academic institutions in the fields of economics and social development. IEG currently consists of a faculty of 27 social scientists (economists, demographers and sociologists) and a large body of supporting research staff, focusing on emerging and often cutting-edge areas of social and policy concern. Many past and current faculty members are internationally renowned and award-winning scholars.

The Institute's research falls into nine broad themes:

- agriculture and rural development;
- environment and natural resource economics;
- globalisation and trade;
- health economics and policy;
- industry and development;
- labour and welfare;
- macroeconomic analysis and policy;
- population and human resource development; and
- social change and social structure.

In addition, the Institute organises regular training programmes for the trainee officers of the Indian Economic Service (IES) and occasional courses for officers of the Indian Statistical Service and National Bank for Agriculture and Rural Development (NABARD) and university teachers. The Institute's faculty members also supervise doctoral students from India and abroad, provide regular policy inputs and work with the government, civil society and international organisations. Over the years, IEG has hosted many renowned international scholars, including Nobel Laureates Elinor Ostrom, Amartya Sen and James Heckman, and others such as Yujiro Hayami, Jan Breman, Ronald Herring, Nancy Folbre, Diane Elson and Nicholas Stern.

The Institute's goals, as spelt out in its Memorandum of Association, are:

- to serve as an advanced centre for research and training in economics and allied subjects;
- to establish a fruitful exchange with distinguished scholars and learned bodies in India and abroad;
- to promote cooperative research within its own faculty and collaborative research with other institutions in India and abroad;

- to organise training courses and hold seminars for the benefit of the social science community and the development of the society;
- to undertake the publication of its research studies and disseminate them; and
- to conduct ad hoc investigation at the request of governments, organisations of employers, workers and peasants or of other bodies or persons interested in promoting a study of economic questions.

The faculty, board of directors and trustees have included and continue to attract distinguished intellectuals and policymakers, including V.T. Krishnamachari, C.D. Deshmukh, P.N. Dhar, A.M. Khusro, Dharm Narain, C. Rangarajan, C.H. Hanumantha Rao, T.N. Madan, P.C. Joshi, Bimal Jalan, Arjun Sengupta and Nitin Desai. Several former faculty members served in the erstwhile Planning Commission or on the Prime Minister's Panel of Economic Advisors. Former Prime Minister Manmohan Singh has had a long association with the Institute, initially as Chairman of the Board (1977-82) and since 1992 as President of the IEG Society. Currently, Tarun Das is the Chairman of the Board of Governors and Manoj Panda is the Director.

The Institute receives annual financial support from the Indian Council of Social Science Research (ICSSR) and some ministries of the Government of India. It has also received endowment funds from the Reserve Bank of India, the NITI Aayog, Sir Ratan Tata Trust, and the Ford Foundation.

### ■ ICSSR NETWORK

IEG is one of the network institutions of the ICSSR whose grant has been the mainstay of the Institute's finances since 1974-75. The grant supports the positions of the Director, four faculty members and core administrative staff as well as maintenance of the Institute's infrastructure. Apart from fulfilling these valuable core functions, the ICSSR also provides doctoral fellowships at the Institute. So far, more than 65 candidates have received doctoral degrees in economics and sociology. Being part of the ICSSR network, IEG has the privilege of interacting with several other social science institutions in the country.

### ■ AGRICULTURAL ECONOMICS RESEARCH UNIT

The Agricultural Economics Research Unit (AERU) was established in 1961 as the Ministry of Agriculture (MoA), Government of India, felt the need for all-India studies. The Unit works on research areas suggested by the MoA, supplemented by inputs from academics and policymakers who form the Research Advisory Committee for AERU. The Unit has worked on a wide spectrum of subjects pertaining to agricultural policy and development. The Unit has contributed significantly to agricultural policy research in the country. After the adoption of High Yielding Varieties in the 1960s, studies investigated technological change and its distribution, effects on employment, subsidies and investment in agriculture, water and natural resources for agricultural growth and the importance of the non-farm sector. More recent studies examine fertilisers, trade in agricultural commodities, marketing, prices, economic distress of farmers, rural transition, land use, climate change, etc. A few studies also evaluated the working of different government programmes like the Rashtriya Krishi Vikash Yojana (RKVY) and the natural resource management component in Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA).

### ■ DEVELOPMENT PLANNING CENTRE

The Development Planning Centre (DPC) was set up with an endowment grant of Rs 3 crore from the erstwhile Planning Commission (now NITI Aayog). In the past, the DPC specialised in macro-econometric analysis with special expertise in building macro-models, which are used

to analyse macroeconomic behaviour and policy and for forecasting. The models and analysis focused on the market-determined behaviour of exchange rates, interest rates, private investment and foreign trade. The techniques of analysis were constantly updated. The DPC research agenda was subsequently extended to time series analysis, co-integration, vector auto-regression (VAR) and Bayesian forecasting. The econometric analysis used annual time series data as well as higher frequency data, including quarterly and monthly data.

Currently the faculty in the Centre are working on a wide range of macro issues concerning the Indian economy. The issues vary from growth dynamics and structural transformation, financial markets and stock market behaviour to political economy, income distribution, and climate and energy economics.

### ■ ENVIRONMENTAL AND RESOURCE ECONOMICS UNIT

An endowment grant from the Ford Foundation in 2001 led to the establishment of the Environmental and Resource Economics Unit. IEG has been a pioneer in environmental and resource economics in India, starting from the 1980s. Over the years, the Unit has kept up its tradition of incorporating ideas from the other social and physical sciences to understand the critical role played by ecosystems and natural resources in ensuring social and economic well-being.

Decision-making contexts in economics increasingly recognise the role that ecosystems and natural resources play. In keeping with these developments, the Unit's work is diverse, with many policy-relevant contributions being made in mainstreaming environmental economics within public economics and public policy in sectors such as agriculture, health, infrastructure and energy along with studies that directly deal with the role, impact and evaluation of ecosystems and natural resources. The effort has been to provide solutions and insights on possibilities and challenges of convergence between profitability, consumer behaviour and sustainability. Economic valuation and climate change economics have been two major foci of the Unit's research in recent years.

### ■ HEALTH POLICY RESEARCH UNIT

The Health Policy Research Unit (HPRU) was started in 1998 with a major grant from the Ford Foundation and has since attracted a continuous stream of research projects in areas of mutual interests to HPRU researchers and the funding agencies. For the past 5 years, HPRU has found a place in the list of top 20 Think Tanks rating of the University of Pennsylvania.

The HPRU uses tools of economic analysis to conduct research in areas that address the current and long-term objectives of the health sector. It aims to establish world-class research expertise in health sector analysis, and to build research alliances with a wide spectrum of stakeholders including the government, research institutes, development partners and domestic health NGOs. HPRU encourages inter-disciplinary research, with a core focus on health economics. Some of the major areas of research have been demand for healthcare; health financing with emphasis on health coverage; health and poverty; economic aspects of diseases like HIV/AIDS and non-communicable diseases; international agreements impacting on health; costing and cost effectiveness among many others.

### ■ INDIAN ECONOMIC SERVICE SECTION

Since 1968, the Indian Economic Service (IES) Section of the IEG has been organising training programmes for IES officers on behalf of the Department of Economic Affairs, Ministry of Finance, Government of India. Training in economic policy and planning is provided to both newly recruited IES officer trainees on a regular basis, and to in-service officers from time to time. The objective of the training is to enrich the officers' understanding of economic issues

and to strengthen their capacity to make effective contributions to policy making. The IES unit draws on its own research in the areas of economic policy while imparting training. Its continuous engagement with applied research of direct relevance to economic policy enables it to provide training that is relevant to the IES officers as the faculty are aware of the details of data, institutional arrangements, and also of latest research techniques and software.

#### ■ NABARD CHAIR UNIT

In the period 1995–2003, NABARD had financed a unit including a Professorship and supporting research staff to undertake research on issues relating to agricultural growth and rural non-farm employment. After a break (2003–14), the NABARD Chair Unit was re-established in 2015. The area of research for the Unit was redefined to include topics related to climate change, rural livelihoods, financial inclusion, value chain management, agriculture marketing and financial product development and other topics useful to NABARD for business development and addressing policy changes. Along with research, the NABARD professor is expected to produce high quality publications as the first author in reputed international/national journals annually, and conduct seminars/workshops on related topics every year in association with NABARD or related organisations. Professor Saudamini Das has been the NABARD Chair Professor since 2016 and works on issues related to climate change and rural livelihoods.

#### ■ POPULATION RESEARCH CENTRE

The Population Research Centre (PRC) at IEG, one of the earliest of its kind in the country, was set up by the Government of India in 1957. An overriding objective for the Government while setting up the PRC was to examine high population growth prevailing then as an important demographic deterrent to the country's planned growth. The finances allocated to the PRC come from the Ministry of Health and Family Welfare (MoHFW).

The PRC staff pursues policy-relevant research in thrust areas such as fertility and family planning; urban demography and internal migration; regional variations in population parameters; contraception and reproductive health; child health and mortality; the ageing process in India; population–development–environment nexus; and economic security and human resource development. In addition, the PRC has been involved in most of the large-scale surveys conducted by the Ministry of Health over the past decades including three rounds of the National Family Health Survey and District Level Health Survey.

#### ■ RBI ENDOWMENT UNIT

The Reserve Bank of India (RBI) gave a grant to the IEG to set up an Applied Econometrics Research Section in 1979. The RBI Endowment Unit was set up in 2002 with the endowment grant. Earlier known as the Applied Econometric Research Centre, it collaborated with the LINK Model of Professor Lawrence Klein. The Unit's research projects and publications are mostly related to macroeconomics, international economics and development economics. The Unit has recently brought out a volume titled *Sustaining High Growth in India*, edited by its former Head late Pradeep Agrawal and published by Cambridge University Press (2018). It also brought out the volume titled *Reviving Growth in India*, published by Cambridge University Press (2015).

#### ■ SOCIAL CHANGE AND SOCIAL STRUCTURE UNIT

The Social Change and Social Structure Unit (SCSS) evolved out of the Asian Research Centre that UNESCO founded at the IEG in 1967. With the phasing out of UNESCO support, this Centre was re-organised in its current form in 1974 and has since been funded by the ICSSR's Maintenance and Development Grant.

Over the last four decades, the Unit has conducted research on a range of topics including the comparative study of development; communalism and ethnic conflict; urban and rural transformation; professionals and other middle-class elites; disciplinary histories; religion, secularism and modernisation; social policy in respect to education; language and Indian democracy; and gender, family and kinship. SCSS faculty has co-supervised more than 20 Ph.D. dissertations in sociology. The Unit also publishes the reputed journal, *Contributions to Indian Sociology*.







# 3

## Research and Training



### ■ RESEARCH ACTIVITIES: BRIEF OVERVIEW

The main thrust of IEG's research is on the development of India's economy and society. Faculty members work on both conceptual and empirical issues with strong policy relevance. The research programme is periodically revised to incorporate new areas of interest. Many faculty members work on more than one theme.

### ■ RESEARCH THEMES AND FACULTY INTERESTS

<i>Research themes (alphabetical)</i>	<i>Faculty working on a given theme(s)</i>
1. Agriculture and Rural Development	Amita Baviskar Saudamini Das Purnamita Dasgupta Nilabja Ghosh Brajesh Jha Anita Kumari C.S.C. Sekhar
2. Environmental and Natural Resource Economics	Amita Baviskar Saudamini Das Purnamita Dasgupta Vikram Dayal Nilabja Ghosh Manoj Panda Basanta K. Pradhan Rashmi Rastogi C.S.C. Sekhar
3. Globalisation and Trade	Rashmi Rastogi Pravakar Sahoo C.S.C. Sekhar
4. Health Economics and Policy	Samik Chowdhury Indrani Gupta William Joe

<i>Research themes (alphabetical)</i>	<i>Faculty working on a given theme(s)</i>
5. Industry and Development	T.A. Bhavani Oindrila De Nilabja Ghosh Sabyasachi Kar Anita Kumari Arup Mitra Rashmi Rastogi Manoj Panda Pravakar Sahoo
6. Labour and Welfare	Brajesh Jha Arup Mitra
7. Macroeconomic Analysis and Policy	T.A. Bhavani Sangeeta Chakravarty Sabyasachi Kar Manoj Panda Basanta K. Pradhan Pravakar Sahoo Purnamita Dasgupta William Joe
8. Population and Human Resource Development	William Joe Suresh Sharma Ruby Alambusha Singh
9. Social Change and Social Structure	Amita Baviskar Mohan Kumar Bera Veena Naregal Sanjay Srivastava

## ■ COMPLETED PROJECTS AND STUDIES

Research Themes	Project/Study Title	Funding Agency/ Individually initiated/ Ministry	Principal Investigator(s)	Date of Initiation	Date of Completion
1. Agriculture and Rural Development	Forecasting Agricultural Output using Space, Agro-meteorology and Land-based Observation (FASAL)	Ministry of Agriculture and Farmers' Welfare	Nilabja Ghosh, Anita Kumari and M. Rajeshwor	2005	Submitted kharif and rabi forecasts for 2017–18
	Coordinated Horticulture Assessment and Management using geoinformatics (CHAMAN)—Selected Horticulture Crops (Onion, Tomato, Potato, Chilli)	Requested by Mahalanobis National Crop Forecast Centre(MNCF; not funded)	Nilabja Ghosh and M. Rajeshwor	May 2017	Submitted four crops' forecast report for 2017–18
	Litchi Production and Market in Bihar and India	Ministry of Agriculture and Farmers' Welfare	Brajesh Jha	February 2014	December 2017
	Relationship between Wholesale Prices, Retail Prices, Export Prices and Prices Realised by the Farmers (coordinated study)	Ministry of Agriculture and Farmers' Welfare	C.S.C. Sekhar	February 2014	December 2017
	Food Inflation at National and State Level—Trends and Determinants	Ministry of Agriculture and Farmers' Welfare	C.S.C. Sekhar	January 2016	March 2018
	Role of Coastal Ecosystems in Resilience of Coastal Communities to Tropical Storms	Individually initiated	Saudamini Das	July 2015	June 2017
	Trade off between Economic Activities and Ecological Index: Measuring the Impact of Upstream Mining and Industrial Activities on Mangroves and Ecological Diversity of Bhitarkanika Wild Life Sanctuary	International Union for Nature Conservation – Mangroves for the Future (MFF)	Saudamini Das	July 2016	December 2017
2. Environmental and Natural Resource Economics	Public Acceptance and Environmental Impacts of Fossil Fuel Subsidy Reform	ICSSR–University of Lausanne, Switzerland, Indo-Swiss Joint Research Programme	Purnamita Dasgupta and Vikram Dayal (IEG), with Katharina Michaelowa (University of Zurich)	August 2017	March 2018
	Forest Composition and Water Availability: Valuation of Water Provisioning Services of Forests in Kailash Sacred Landscape	International Centre for Integrated Mountain Development (ICIMOD), Kathmandu	Saudamini Das	August 2016	December 2017
	Has Investment in Cyclone Adaptation Made the Storm Protection by Mangroves Redundant?	Individually initiated	Saudamini Das	October 2017	January 2018
3. Globalisation and Trade	Forecasting of Prices of Select Pulses in Growing States	Requested by Ministry of Consumer Affairs through CFCC (not funded).	Nilabja Ghosh and M. Rajeshwor	April 2017	May 2017
	The Pattern of Inbound FDI in India in Dirty Sectors	SRT Fellowship	Rashmi Rastogi	May 2017	December 2017

<i>Research Themes</i>	<i>Project/Study Title</i>	<i>Funding Agency/ Individually initiated/ Ministry</i>	<i>Principal Investigator(s)</i>	<i>Date of Initiation</i>	<i>Date of Completion</i>
4. Health Economics and Policy	Comparative Assessment of Central Health Financing Schemes and their Impact	World Health Organization	Indrani Gupta and Samik Chowdhury	July 2016	June 2017
	Cost of Inaction in Family Planning in India	Population Foundation of India	William Joe and Amarnath Tripathi	June 2017	January 2018
5. Industry and Development	Review of Indian Manufacturing Sector Performance and constraints over it	Individually initiated	T.A. Bhavani	July 2015	July 2017
	Growth in Output, Employment and Productivity in the Manufacturing Sector	Individually initiated	Biswanath Goldar and Anita Kumari	April 2017	March 2018
	Unmaking 'Make in India': Weak Governance, Good Deals, and their Economic Impact	Individually initiated	Rajesh Raj S.N., Kunal Sen and Sabyasachi Kar	April 2017	March 2018
6. Labour and Welfare	Rapid Assessment of Natural Resource Management Component under MGNREGA and its Impact on Sustainable Livelihoods	Ministry of Rural Development	Manoj Panda and Brajesh Jha	June 2017	January 2018
7. Macro-economic Analysis and Policy	Institutional Quality and Low Income Traps	Individually initiated	Sabyasachi Kar, Kunal Sen and Amrita Roy	April 2015	March 2018
	Reassessment of National Parameters for Project Appraisal in India	NITI Aayog	M.N. Murty, Manoj Panda and William Joe	September 2016	November 2017

Research Themes	Project/Study Title	Funding Agency/ Individually initiated/ Ministry	Principal Investigator(s)	Date of Initiation	Date of Completion
8. Population and Human Resource Development	Promotion of Safe Water, Sanitation and Hygiene in a slum in Delhi, Bhanwar Singh Camp, Vasant Vihar	Save the Children	William Joe	November 2017	December 2017
	Validation of HMIS Data for DH Ranking	Population Resource Centre, Ministry of Health and Family Welfare	William Joe	October 2017	March 2018
	Disparities in Maternal and Child Health Care: A Study in Barabanki	ICSSR	William Joe and Amarnath Tripathi	February 2018	March 2018
	Prevalence of Early Marriage, Domestic Violence and its Impact on Women's Health in India	Ministry of Health and Family Welfare	Ruby Alambusha Singh	April 2017	December 2017
	NHM Delhi, Uttar Pradesh, Rajasthan and Haryana States Programme Implementation Plans (PIPs): 2017–18 Monitoring and Evaluation for 10 Districts	Ministry of Health and Family Welfare	Ruby Alambusha Singh	April 2017	December 2018
	NHM Delhi, Haryana, Rajasthan and Uttar Pradesh States Programme Implementation Plans (PIPs): 2017–18 Monitoring and Evaluation for 24 Districts	Ministry of Health and Family Welfare	Suresh Sharma	April 2017	March 2018
	Longitudinal Ageing Study in India (LASI)	Ministry of Health and Family Welfare and IIPS	Suresh Sharma	April 2017	March 2018
	Socio-Economic Differentials in Ageing and Dementia: A Reflection on the Challenges Ahead for India	Ministry of Health and Family Welfare	Suresh Sharma	April 2017	December 2017
	Reproductive Health Behaviour of Tribes in Himachal Pradesh: Retrospect and Prospects	Ministry of Health and Family Welfare	Suresh Sharma	June 2017	November 2017
	Gender Differentials in Economic Security and Function Health: Status among Elderly in India	Ministry of Health and Family Welfare	Suresh Sharma	April 2017	February 2018
	Prevalence and Risk Factors of Pregnancy Wastage among Women in India	Ministry of Health and Family Welfare	Suresh Sharma	April 2017	March 2018
	Role of ASHAs in Providing Newborn and Child Health Care Facilities: A Case Study of Uttarakhand	Ministry of Health and Family Welfare	Suresh Sharma	April 2017	August 2017
9. Social Change and Social Structure	Demolishing Delhi: Landscapes and Livelihoods in Liberalizing India	Individually initiated	Amita Baviskar	April 2006	March 2018

## ■ TRAINING PROGRAMMES

IEG has functioned as a centre for specialised teaching and training since its inception.

### *IES Training Programme*

Since 1968, the Indian Economic Service (IES) section of the Institute of Economic Growth has been organising training programmes for IES officers on behalf of the Department of Economic Affairs, Ministry of Finance, Government of India. Training in economic policy and planning is provided on a regular basis to newly recruited IES Officer Trainees, and to in-service officers from time to time. The objective of the training programmes is to enrich the officers' understanding of economic issues and to strengthen their capacity to contribute effectively to policy making.

The IES section is also involved in research on issues of economic policy and development. In 2017-18, the faculty's research resulted in peer-reviewed publications in key areas of economic policy such as labour and employment, financial access, trade facilitation, manufacturing, competition, ecological economics, and data analysis.

The IES section draws on its own research in the areas of economic policy while training the IES officers. Its continuous engagement with applied research which is relevant to economic policy enables it to provide training that is appropriate and current. The faculty use their expertise on data and institutional arrangements, and their familiarity with the latest research techniques and software, to inform their teaching.

During 2017-18, the IEG conducted two training programmes for the IES:

Phase-I of the induction-level training programme for the 15 IES Officer Trainees of Batch 2016 started on January 2, 2017 and continued until May 19, 2017. The valedictory function for Phase-I was held at the IEG on May 19, 2017. Mala Dutt, Economic Adviser, Economic Affairs, Ministry of Finance was the Chief Guest. The IEG also organised Phase-II of the training programme for this batch in 2017. The Phase-II programme was held from August 14, 2017 to December 2017.

1. Phase-I of the induction-level training programme for the 15 IES Officer Trainees of Batch 2017 started at the IEG on December 26, 2017. This programme was concluded on May 11, 2018. Archana Mayaram, Director, Economic Affairs, Ministry of Finance delivered the inaugural address.
2. The Institute's Computer Unit organised a training programme for Trainers of Enumerators under an ICSSR project on March 11, 2018; the training was facilitated by Amarnath Tripathi.  
The Unit also organised training sessions to upgrade the technical skills of the supporting research staff and administrative staff. The modules were: Introduction to R Studio, (June 21-22, 2017; Resource Person: Vinod K. Tyagi); Advance Excel (June 15-16, 2017; Resource Person: Vinod K. Tyagi); and Basic ICT systems handling (June 14, 2017; Resource Person: Parag K. Sharma).

## ■ FELLOWSHIPS

The Institute hosts several fellowship programmes.

*Sir Ratan Tata (SRT) Fellowships:* The Sir Ratan Tata Fellowship programme was instituted at the IEG in 2000 to provide Indian research scholars an opportunity to undertake post-doctoral research. One of the fellowships is at the Assistant Professor level (for two years and extendable for a third year) and another at the Associate Professor/Professor level (for one year). Since its inception, the Institute has hosted 12 Fellows. During their tenure, many Fellows have written papers and organised workshops; some have prepared and published book manuscripts.

*ICSSR Doctoral Fellowships*: IEG offers four Ph.D. Fellowships every year in economics and sociology, instituted by the Indian Council of Social Science Research.

## ■ JOURNALS AND PERIODICALS

The Institute brings out a major journal *Contributions to Indian Sociology*. This premier journal of sociology and cultural anthropology in South Asia is sponsored by IEG and published thrice a year by Sage Publications. *Contributions* was founded by Louis Dumont and David Pocock in 1957 but ceased publication in 1966. A new series was initiated in 1967 by T.N. Madan with the support of an international group of scholars including Louis Dumont, A.C. Mayer, Milton Singer and M.N. Srinivas.

*Contributions* publishes articles on all countries of South Asia, the South Asian diaspora and on comparative studies related to the region. The journal favours articles in which theory and data are mutually related, and accommodates a diversity of theoretical approaches and methods. This peer-reviewed journal has encouraged and fostered cutting-edge scholarship on South Asian societies and cultures over the past 50 years. Its pages feature articles and comments by leading academics as well as research papers by young scholars. It has brought out several special issues on new and significant themes, which have been subsequently republished as independent books. *Contributions* is the only sociology journal published from South Asia that is ranked among the top 100 worldwide.

## ■ IEG AS A MEMBER OF ICAS: MP

The M.S.Merian–R.Tagore International Centre of Advanced Studies in the Humanities and Social Sciences: Metamorphoses of the Political: Comparative Perspectives on the Long Twentieth Century (ICAS:MP) is based on a cooperative agreement between two Indian and four German partner institutions. IEG and the Centre for the Study of Developing Societies (CSDS) are the Indian partners. The German partners include the Max Weber Stiftung (MWS), academically represented by the German Historical Institute London (GHIL), the University of Göttingen (Centre for Modern Indian Studies), the University of Erfurt (Max-Weber-Kolleg) and the University of Würzburg (Centre for Modern India). During the preliminary phase of the Centre's functioning (June 2015 to June 2018), the Centre for Studies in the Social Sciences (Kolkata) was also a member of the founding consortium.

The interconnecting components of ICAS:MP serve to establish it as an International Centre of Advanced Studies and as an active and internationally visible research centre based primarily on Indo-German academic cooperation. It offers, first, an extensive fellowship programme for internationally renowned senior scholars as well as for a smaller number of outstanding Post-Doctoral Fellows. Second, to ensure that these Fellows will be integrated into a vibrant research environment, a modular structure has been developed. Up to six Thematic Modules organise international conferences, conduct their own collaborative research, integrate Fellows into their specific networks and offer follow-up fellowships to some of the German research institutions involved in the Thematic Modules. IEG has been a strong partner in establishing these components.

Apart from the hosting several Fellows at its premises, IEG has provided significant support to ICAS:MP in organising workshops and business meetings. The following meetings were held at IEG during 2016:

- TM4 Workshop on 'Semantics of Inequality and Plurality and their Political Consequences', February 24–26, 2016.
- TM5 Workshop on 'Relating Gender: The Invocation of Culture', October 3–4, 2016
- TM6 Inaugural Workshop on 'The Political Economy of Growth and Distribution', October 5, 2016.







# 4

## Faculty: Publications



### ■ AMITA BAVISKAR

#### **Books Forthcoming/In Press**

*Nature Today: New Studies in Ecology and Environment*. New Delhi: Oxford University Press, forthcoming (December 2018).

*Delhi Clean and Green: Urban Landscapes and Livelihoods in Liberalizing India*. New Delhi: Yoda Press and Sage Publications, forthcoming (December 2018).

#### **Papers Published in Journals and Edited Volumes**

'Urban Jungles: Wilderness, Parks and their Publics in Delhi', *Economic and Political Weekly*. 53 (2): 46–54, 2018 (refereed).

'What the Eye Does Not See: The Yamuna in the Imagination of Delhi', in Suzanne Hall and Ricky Burdett (eds), *The Sage Handbook of the 21<sup>st</sup> Century City*. London: Sage Publications, pp. 298–313 (reprint).

'Mood' in special issue on 'Indian Keywords', *South Asia: Journal of South Asian Studies*. 40 (2): 361–2. 2017.

#### **Papers Accepted for Publication**

'Shades of Green: Remaking Urban Nature and its Publics in Delhi, India', in Henrik Ernstson and Sverker Sorlin (eds), *Grounding Urban Natures: Histories and Futures of Urban Political Ecologies*. Cambridge, MA: MIT Press.

'City Limits: Looking for Environment and Justice in the Urban Context', in S. Lele, E.S. Brondizio, J. Byrne, G. M. Mace and J. Martinez-Alier (eds), *Rethinking Environmentalism: Linking Justice, Sustainability, and Diversity*. Cambridge, MA: MIT Press.

'New Cultures of Food Studies', in Sanjay Srivastava, Janaki Abraham and Yasmeen Arif (eds), *Critical Themes in Indian Sociology: Essays in Celebration of 50 Years of Contributions to Indian Sociology*. New Delhi: Sage Publications.

'Consumer Citizenship: Instant Noodles in India', *Gastronomica: The Journal of Critical Food Studies*. 18 (2): 1–10.

#### **Articles in the Media**

'How to Save Rivers', *India Today*, September 22, 2017. <https://www.indiatoday.in/magazine/up-front/story/20171002-jaggi-vasudev-rally-for-rivers-1049216-2017-09-22>

'Seeing Like a State', *India Today*, March 9, 2018. <https://www.indiatoday.in/magazine/up-front/story/20180319-madhya-pradesh-farmers-dalit-land-casteism-irrigation-hunger-disease-1185634-2018-03-09>

#### ■ MOHAN KUMAR BERA

##### *Paper Published in Journals and Edited Volumes*

(with Petr Daněk) 'The Perception of Risk in the Flood-prone Area: A Case Study from the Czech Municipality', *Disaster Prevention and Management: An International Journal*. 27 (1): 2-24, 2018.

#### ■ T.A. BHAVANI

##### *Paper Published in Journals and Edited Volumes*

'Indian Industry: Performance, Problems and Prospects', in Rama Kanungo, Chris Rowley and Anurag Banerjee (eds), *Changing the Indian Economy*. Amsterdam: Elsevier, 2018, pp. 77-108.

#### ■ SANGEETA CHAKRAVARTY

##### *Paper Published in Journals and Edited Volumes*

'Evaluation of Alternative Bayesian VAR Model for Forecasting Indian Inflation', in Arup Mitra (ed.), *Economic Growth in India and its Many Dimensions*. New Delhi: Orient BlackSwan, 2018.

#### ■ SAMIK CHOWDHURY

##### *Papers Published in Journals and Edited Volumes*

(with Indrani Gupta, Mayur Trivedi and Shankar Prinja) 'Do Health Coverage Schemes Ensure Financial Protection from Hospitalization Expenses? Evidence from Eight Districts in India', *Journal of Social and Economic Development*. 19 (1): 83-93, January 2017.

(with Indrani Gupta, Shankar Prinja and Mayur Trivedi) 'Does Access to Basic Amenities Influence Health Status? Evidence from a Household Survey in three States of India', *Journal of Infrastructure Development*. 9 (1): 23-35, 2017.

(with Protiva Kundu) 'Alternate Systems of Medicine in India: How Pervasive and Why?', *Journal of Health Management*. 20 (2): 178-89, 2018.

(with Indrani Gupta) 'Household Microenvironment and its Impact on Infectious Diseases in India: Evidence from the National Sample Surveys', in V. Dayal, A. Duraiappah and N. Nawn (eds), *Ecology, Economy and Society: Essays in Honour of Kanchan Chopra*. Singapore: Springer, 2018, pp. 225-38.

##### *Paper Accepted for Publication*

(with Indrani Gupta, Mayur Trivedi and Shankar Prinja) 'Inequity and Burden of Out of Pocket Health Spending: District Level Evidences from India', *Indian Journal of Medical Research*, forthcoming (2018).

##### *Unpublished Papers/Monographs*

'Governance as Service Delivery: A Comparative Analysis of Indian States', October 2017.

'Greening State Domestic Products: An Exploratory Analysis', November 2017.

‘India: Challenges of Demographic Change’, March 2018.

## ■ SAUDAMINI DAS

### Papers Published in Journals and Edited Volumes

‘Moderating the Impacts of Extreme Weather Like Heat Waves Through Public Awareness Campaign’, *Public Administration Review, Climate Change Symposium*, July 2017. [http://faculty.washington.edu/aseem/Public\\_Administration\\_Review\\_climate\\_change\\_symposium.pdf](http://faculty.washington.edu/aseem/Public_Administration_Review_climate_change_symposium.pdf)

(with Rajesh K Rai, Mani Nepal, Laxmi D Bhatta, Madan S Khadayat, E Somanathan and Kedar Baral) ‘Ensuring Water Availability to Water Users through Incentive Payment for Ecosystem Services Scheme: A Case Study in a Small Hilly Town of Nepal’, *Water Economics and Policy* (Online Ready), 2017. <https://doi.org/10.1142/S2382624X18500029>

(with Stephen C Smith) ‘Can Educational Campaigns Promote Successful Adaptation to Climate Change? Evidence from a Heat Wave Awareness Programme in Odisha’, in P. Mukhopadhyay, N. Nawn and K. Das (eds), *Global Change, Ecosystems, Sustainability: Theory, Methods, Practice*. New Delhi: Sage Publications India, 2017, pp.156–64.

### Unpublished Paper/Monograph

‘Tradeoff between Economic Activities and Ecological Index: Measuring the Impact of Upstream Mining and Industrial Activities on Mangroves and Ecological Diversity of Bhitarkanika Wild Life Park’. Submitted to Mangroves for the Future (MFF), International Union for Conservation of Nature (IUCN), Delhi Office, December 2017.

## ■ PURNAMITA DASGUPTA

### Papers Published in Journals and Edited Volumes

(with Bishwanath Golder) ‘Costing for Elevation in Development Expenditure: Illustrative Evidence from India’, *Journal of Quantitative Economics*, 2017, <https://link.springer.com/article/10.1007/s40953-017-0103-6> (refereed).

(with Kanchan Chopra) ‘Economic Systems and Ecosystems: Interlinkages, Co-Evolution or Disparate Movement?’, in H. Sandhu (ed.), *Ecosystem Functions and Management: Theory and Practice*. Switzerland: Springer, 2017, pp. 17–35 (refereed).

‘Valuing Forest Ecosystem Services’, in *Managing India’s Forests in a Changing Climate: Emerging Concepts and their Operationalization*, USAID, October 2017, pp. 157–81 (refereed).

(with Ottmar Edenhofer, et al.) ‘Economic Growth, Human Development, and Welfare’, in *Rethinking Society for the 21<sup>st</sup> Century: Report of the International Panel on Social Progress*. Cambridge, MA: Cambridge University Press, 2018, pp. 141–86.

‘Climatic Change Impacts on Foodgrain Production in India’, in V. Dayal, A. Duraiappah and N. Nawn (eds), *Ecology, Economy and Society: Essays in Honour of Kanchan Chopra*. Singapore: Springer, 2018, pp. 63–82.

### Paper Accepted for Publication

(with G. Gioli, G. Thapa, F. Khan, et al.) ‘Poverty and Vulnerability in Mountain Livelihoods’, in *HIMAP Comprehensive Assessment of the Hindu Kush Himalayas*. Springer Nature, forthcoming (2018).

### Unpublished Papers/Monographs

(with F. O. Ayinde, P.A. Johnston and O. Olujimi) 'Perception of Cassava-Based Farmers to Climate Variability in the Rain Forest and Derived Savannah Ecosystems of Nigeria'.

(with Martina Zahno, Katharina Michaelowa and Ishita Sachdeva) 'A Question of Awareness? Policy Instruments towards Sustainable Transition towards Clean Cooking Fuels in India'.

### ■ VIKRAM DAYAL

#### Book

(with A. Duraiappah and N. Nawn) eds. *Ecology, Economy and Society: Essays in Honour of Kanchan Chopra*. Singapore: Springer, 2018.

#### Papers Published in Journals and Edited Volumes

'Traversing Diverse Paths in Ecological Economics with Enigmatic Models', in Pranab Mukhopadhyay, Nandan Nawn and Kalyan Das (eds), *Global Change, Ecosystems, Sustainability: Theory, Methods, Practice*. London and New Delhi: Sage Publications, 2017, pp. 50–65.

'Analyzing Institutions in Resource and Development Econometrics: Recognizing Institutions, Exploring Levels, and Querying Causes', in Vikram Dayal, A. Duraiappah and Nandan Nawn (eds), *Ecology, Economy and Society: Essays in Honour of Kanchan Chopra*. Singapore: Springer, 2018, pp. 85–99.

### ■ OINDRILA DE

#### Paper Accepted for Publication

(with Aditya Bhattacharjea and Geeta Gouri) 'Competition Law and Competition Policy in India: How the Competition Commission has dealt with Anticompetitive Restraints by Government Entities', *Review of Industrial Organization*, forthcoming (2018).

### ■ NILABJA GHOSH

#### Book Forthcoming/In Press

(with Vijay Paul Sharma, Parmod Kumar, D.K. Grover and Usha Tuteja) *Glimpses of Indian Agriculture*. New Delhi: Oxford University Press.

#### Papers Published in Journals and Edited Volumes

(with Amarnath Tripathi, M. Rajeshwor and Roopal Singh) 'Do Producers Gain from Selling Milk?: An Economic Assessment of Dairy Farming in Contemporary India', *Economic and Political Weekly*, 52 (25–26), June 2017.

'Securing Farmer's Welfare: Reality to Vision', *Yojna*, July 2017.

(with Amarnath Tripathi, Ruchin Verma and M. Rajeshwor) 'Technological Options for Rice Farming in India: A Focus on the Eastern Region', in K.N. Bhatt and Pradeep Bhargava (eds), *System of Rice Intensification*. New Delhi: Studium Press, 2018, pp. 49–72.

#### Papers Accepted for Publication

'Dairy Farming must Take Account of Comparative Advantages, Ethics and Sustainability', *Economic and Political Weekly*, forthcoming (2018).

## Articles in the Media

‘Getting the Prices and Production Right: Agriculture in Cross-fire’, *The Dialogue*, May 6, 2017. <http://www.thedialogue.co/getting-prices-production-right-agriculture-cross-fire/>

‘Processing Spices for Developing India’s Agriculture’, *Food & Beverage News*, June 16–30, 2017.

‘Union Budget 2018: Appease The Angry Farmer’, *Business World*, January 31, 2018. <http://businessworld.in/article/Union-Budget-2018-Appease-The-Angry-Farmer/31-01-2018-138829/>

## ■ INDRANI GUPTA

### Papers Published in Journals and Edited Volumes

(with Akansha Batra and Abhiroop Mukhopadhyay) ‘Gender Differences in Health Expenditure of Rural Cancer Patients: Evidence from a Public Tertiary Care Facility in India’, *Journal of Quantitative Economics*, 2017, <https://doi.org/10.1007/s40953-017-0113-4>

(with Samik Chowdhury, Shankar Prinja and Mayur Trivedi) ‘Does Access to Basic Amenities Influence Health Status? Evidence from a Household Survey in three States of India’, *Journal of Infrastructure Development*. 9 (1): 23–35. 2017.

(with Samik Chowdhury, Shankar Prinja and Mayur Trivedi) ‘Do Health Coverage Schemes Ensure Financial Protection from Hospitalization Expenses? Evidence from Eight Districts in India’, *Journal of Social and Economic Development*. 19 (1): 83–93, 2017.

(with Mrigesh Bhatia) ‘Indian Health Care System’, in Elias Mossialos, Ana Djordjevic, Robin Osborn and Dana Sarnak (eds), *International Profiles of Health Care Systems*. The Commonwealth Fund, 2017. <https://international.commonwealthfund.org/countries/india/>

(with Samik Chowdhury) ‘Household Microenvironment and its Impact on Infectious Diseases in India – Evidence from the National Sample Surveys’, in V. Dayal, A. Duraiappah and N. Nawn (eds), *Ecology, Economy and Society: Essays in Honour of Kanchan Chopra*. Singapore: Springer, 2018, pp. 225–38.

(with Arjun Roy) ‘Economic Studies on Non-Communicable Diseases and Injuries in India: A Systematic Review’, *Journal of Applied Health Economics and Policy*. 16(3): 303–15, 2018.

### Paper Accepted for Publication

(with Samik Chowdhury, Mayur Trivedi and Shankar Prinja) ‘Inequity and Burden of Out of Pocket Health Spending: District Level Evidences from India’, *Indian Journal of Medical Research*, forthcoming (2018).

### Unpublished Papers/Monographs

‘Public Finance for Health: An Analysis of State Budgets’. One monograph each for Bihar, Himachal Pradesh, Tamil Nadu, West Bengal and Uttar Pradesh, 2017–18.

‘Public Expenditure on Non-Communicable Diseases and Injuries in India: A Budget-based Analysis’, November 2017.

## ■ BRAJESH JHA

### Paper Published in Journals and Edited Volumes

(with Amarnath Tripathi) ‘How Susceptible is India’s Food Basket to Climate Change?’, *Social Change*. 47(1): 18–27, 2017.

### Articles in the media

'Price Support is Critical' in "Why farmers now dread a normal monsoon", *Down to Earth*, July 1-15, pp. 48, 2017.

'Certainty of Price Support for Farmers'. Agro-Economic Alerts (AEA), 1, July 2017.

'Litchi Production, Marketing and Processing in Bihar, India', Agricultural Economics Policy Brief, February 2018.

Interview-based Article on Budget Implications for Agriculture, *Prabhat Khabar*, 2018.

### Unpublished Papers/Monographs

'Evaluating Market Intervention Scheme in India'.

'Litchi Production and Marketing in Bihar, India'.

### ■ WILLIAM JOE

#### Papers Published in Journals and Edited Volumes

(with S.V. Subramanian) 'Subjective Health and Well-being: Toward Robust Cross-cultural Comparisons', *Social Science and Medicine: Population Health*. 3: 814-16, 2017 (refereed).

(with Shalini Rudra, Aakshi Kalra and Abhishek Kumar) 'Utilization of Alternative Systems of Medicine as Health Care Services in India: Evidence on AYUSH Care from NSS 2014', *PloS one*.12 (5), e0176916, 2017 (refereed).

(with Sunil Rajpal and Abhishek Kumar) 'Economic Burden of Cancer in India: Evidence from Cross-sectional Nationally Representative Household Survey, 2014', *PloSone*. 13 (2), e0193320, 2018 (refereed).

(with J.M. Perkins, S. Kumar, S. Rajpal and S.V. Subramanian) 'Institutional Delivery in India 2004-2014: Unravelling the Equity-Enhancing Contributions of the Public Sector', *Health Policy and Planning*. 33(5): 645-53, 2018 (refereed).

(with S. Rajpal) 'Unravelling the Socioeconomic Gradient in the Incidence of Catastrophic Health Care Expenditure: A Comment', *Health Policy and Planning*.33 (5): 699-701, 2018(refereed).

(with Abhishek Kumar and S. Rajpal) 'Swimming against the Tide: Economic Growth and Demographic Dividend in India', *Asian Population Studies*. 14 (49): 1-17, 2018 (refereed).

### ■ SABYASACHI KAR

#### Paper Published in Journals and Edited Volumes

'The Stroll, the Trot and the Sprint of the Elephant: Understanding Indian Growth Episodes', in Kunal Sen, Lant Pritchett and Eric Werker (eds), *Deals and Development: The Political Dynamics of Growth Episodes*. Oxford: Oxford University Press, 2017, pp.250-84.

#### Working Paper other than IEG

(with Selim Raihan and Kunal Sen) 'Do Economic Institutions Matter for Growth Episodes?', ESID Working Paper No. 92, University of Manchester, October 2017.



## Unpublished Papers/Monographs

'Institutional Quality and Low Income Traps', March 2018.

'Unmaking "Make in India": Weak Governance, Good Deals, and their Economic Impact', March 2018.

## ■ ANITA KUMARI

### Paper Published in Journals and Edited Volumes

(with Bishwanath Golder) 'Growth in Output, Employment and Productivity in the Manufacturing Sector: A State-wise Comparative Study of Post-Liberalisation India', in Arup Mitra (ed.), *Economic Growth in India and its Many Dimensions*. New Delhi: Orient BlackSwan, 2018, pp. 83–116.

## ■ ARUP MITRA

### Books

(with Aya Okada) *Labour Market Participation in India: A Region-and Gender-Specific Study*. Singapore: Springer, 2018.

(edited) *Economic Growth in India and its Many Dimensions*. New Delhi: Orient BlackSwan, 2018.

### Papers Published in Journals and Edited Volumes

(with Mehmet Ugur) 'Technology Adoption and Employment in Less Developed Countries: A Mixed-Method Systematic Review', *World Development*. 96: 1–18, 2017.

(with S. Chandrasekhar) 'Migration, Caste and Livelihood: Evidence from Indian City-slums', *Urban Research & Practice*, 2018. <https://doi.org/10.1080/17535069.2018.1426781>

'Poverty, Women and Dignity', *Asia-Pacific SocialScience Review*. 17 (3): 1–14, 2018.

(with Jitender Singh) 'Counting Jobs in India: A Detailed Review of Labour Database', *Economic and Political Weekly*. L III (10): 28–31, 2018.

(with Jay Prakash Nagar) 'City Size, Deprivation and other Indicators of Development: Evidence from India', *World Development*. 106: 273–83, 2018.

(with Chandan Sharma) 'Size and Productivity in Indian Manufacturing Sector', in Deb Kusum Das (ed.), *Productivity Dynamics in Emerging and Industrialized Countries*. London and New York: Routledge, 2018, pp. 605–26.

### Working Paper other than IEG

'Growth, Inequality, Poverty and Urbanization, Delhi', National Institute of Labour Economics, Research and Development (NILERD), Working Paper Series 01/2017, August 2017.

'Rural to Urban Migration and Urban Labour Market. Delhi', National Institute of Labour Economics, Research and Development (NILERD), Working Paper Series 02/2017, August 2017.

(with Jay Prakash Nagar) 'Cities and Towns in India: Judging the Quality of Urbanisation', National Institute of Labour Economics, Research and Development (NILERD), Working Paper Series 03/2017, August 2017.

## ■ VEENA NAREGAL

### *Book Forthcoming/In Press*

(edited with Madhav Prasad) *Language Movements and the Democratic Imagination in India*. New Delhi: Orient BlackSwan, forthcoming (2018).

### *Paper Published in Journals and Edited Volumes*

'Translation and the Indian Social Sciences', in Rita Kothari (ed.), *A Multilingual Nation: Translating in the Indian Context*. New Delhi: Oxford University Press, 2017, pp. 196–221.

### *Papers Accepted for Publication*

'Historicizing Development Discourse and Higher Education Policy in India', in R.S. Deshpande, Vinod Annigeri and R. Dholakia (eds), *Public Policy in India*. New Delhi: Springer, forthcoming (2018).

'Framing the Region: Territoriality, Nation, Democracy 1905–1950', in Veena Naregal and Madhav Prasad (eds), *Language Movements and the Democratic Imagination in India*. New Delhi: Orient BlackSwan, forthcoming (2018).

'Translating Political Economy in Mid-nineteenth Century Bombay', in Leonard Spencer and Shah Mohammed Hanif (eds), *Mountstuart Elphinstone Between Local and Global Forces: Colonial Knowledge, National Histories and Regional Realities in South Asia*. London: Hurst and Co., forthcoming (2019).

## ■ BASANTA K. PRADHAN

### *Paper Published in Journals and Edited Volumes*

(with J. Ghosh, Yun-Fei Yao and Qiao-Mei Liang) 'Carbon Pricing and Terms of Trade Effects for China and India: A General Equilibrium Analysis', *Economic Modelling*. 63: 60–74, 2017.

### *Paper Accepted for Publication*

'Climate Policy vs. Productivity Shocks in a Dynamic Computable General Equilibrium (CGE) Modeling Framework: The Case of a Developing Economy', *Economic Modelling*.

### *Unpublished Papers/Monographs*

(with J. Ghosh) 'Climate Change Mitigation Policies and the Size Distribution of Income: A CGE Analysis for India'. Paper presented at the 6th World Congress of Environmental and Resource Economists, University of Gothenburg, Sweden, June 25–28, 2018.

(with J. Ghosh) 'The Role of Coal Cess and Technological Change in Achieving Low Carbon Growth in India'. Paper presented at the International Conference on Energy Finance, Yuquan Campus of Zhejiang University, Hangzhou, China, May 25–27, 2017.

(with V.K. Chetty) 'A Macro Model with Non-Consumable Capital Stock and Competitive Market Mechanisms'.

(with V.K. Chetty) 'A Model of Growth, Income Distribution and Intergenerational Mobility'.

## ■ RASHMI RASTOGI

### *Unpublished Articles*

(with Aparna Sawhney) 'The Pattern of Inbound FDI in India in Dirty Sectors'.



(with B.K. Pradhan) 'Mineral Resource Endowments and Location of Industrial Investment: A Panel Data Analysis of Indian States', January 2018.

## ■ PRAVAKAR SAHOO

### *Papers Published in Journals and Edited Volumes*

'China's Success in Manufacturing: Lessons for India', in Pradeep Agrawal (ed.), *Sustaining High Growth in India*. Cambridge, UK: Cambridge University Press, 2017, pp. 111-47.

'India's Credit Ratings: Boost to Investors' Sentiment', *Yojana*. 62 (January): 65-69, 2018.

'Overvalued Rupee and India's Exports', *Economy Watch*. No.16: 27-31, October 2017.

### *Articles in the Media*

'Sluggish Investment may Derail India's Growth Story', *Hindustan Times*, July 10, 2017.

'China will Lose more in Doklam', *Mail Today*, July 12, 2017.

'Economy: Modi's Biggest Test', *Deccan Herald*, October 15, 2017.

'Bharatmala could be the Road to Creating Jobs', *Hindustan Times*, November 1, 2017.

'We need Big-ticket Reforms', *Mail Today*, November 8, 2017.

'The Danger of an Overvalued Rupee', *Business Standard*, November 19, 2017.

'Moody's Upgrade', *Financial Express*, November 23, 2017.

'Moody's Rating: Well Deserved', *Samaja*, November 24, 2017.

'Is the Rising Rupee Running India's Exports?', *East Asia Forum*, December 9, 2017.

'Take the Bull by the Horns', *Financial Express*, January 18, 2018.

'Budget has Provided a Big Boost to MSMEs', *Financial Express*, February 9, 2018.

'Exports Hold Key to High Growth', *Mail Today*, February 24, 2018.

'Arrest the March of Anti-Globalisation: Tariff Policies Run Both Ways, and Will Hamper Global Trade', *Financial Express*, April 5, 2018.

'Talk Shop at Boao Forum', *Deccan Herald*, April 6, 2018.

## ■ C.S.C. SEKHAR

### *Paper Accepted for Publication*

(with Devesh Roy and Yogesh Bhatt) 'Food Inflation and Volatility in India: Trends and Determinants', *Indian Economic Review*, forthcoming (2018).

## ■ SURESH SHARMA

### *Book*

(with Yamini Gupt and Gagandeep Kaur) *Reproductive Health of Adolescents in Delhi Slums*. New Delhi: Synergy Books India, 2017.

### Papers Published in Journals and Edited Volumes

(with Manisha Bothra) 'Changing Demographics & Dementia: A Reflection on the Challenges Ahead for India', *Nursing and Health Care*. 2 (1): 1-8, 2017.

(with Anupama George) 'Neonatal Mortality Rate Projection: Will Indian States Achieve Sustainable Development Goal 3?', *International Journal of Development Research*. 7 (8), 2017.

(with Manisha Bothra) 'Health Expenditure and its Repercussions on Health Status: An Analysis of South Asian Countries', *International Journal of Current Research*. 9 (8): 55963-77, 2017.

'India and Roadmap towards Sustainable Development Goal 3: Achievements and Challenges', *International Journal of Advanced Research*. 5(10): 169-86, 2017.

### Unpublished Paper/Monograph

'NHM Delhi, Haryana, Rajasthan and Uttar Pradesh States Programme Implementation Plans (PIPs): 2016-17 Monitoring and Evaluation for 24 Districts'.

### ■ RUBY ALAMBUSHA SINGH

#### Book

(with Renu Sain) *Children Deprived of Childhood: A Study of Child Labour in Delhi*. New Delhi: Synergy Books India, 2018.

#### Book Forthcoming/In Press

*Sexual Behaviour and Reproductive Health of Unmarried Adolescent Munda Girls of Ranchi District, Jharkhand*. New Delhi: Synergy Books India, forthcoming (2018).

### Unpublished Papers/Monographs

(with Niranjana Rout) NHM PIP 2017-18: A Report on Monitoring of Important Components of NHM Programme Implementation Plan in South Delhi District, New Delhi, July 2017.

(with Renu Sain) NHM PIP 2017-18: A Report on Monitoring of Important Components of NHM Programme Implementation Plan in South West Delhi District, New Delhi, July 2017.

(with Jyoti) NHM PIP 2017-18: A Report on Monitoring of Important Components of NHM Programme Implementation Plan in South East District, New Delhi, August 2017.

(with Niranjana Rout) NHM PIP 2017-18: A Report on Monitoring of Important Components of NHM Programme Implementation Plan in Sonbhadra District, Uttar Pradesh, April 2017.

(with Aditi Singh) NHM PIP 2017-18: A Report on Monitoring of Important Components of NHM Programme Implementation Plan in Gaziabad District, Uttar Pradesh, April 2017.

(with Devanshi) NHM PIP 2017-18: A Report on Monitoring of Important Components of NHM Programme Implementation Plan in Faridabad District, Haryana, May 2017.

(with Renu Sain) NHM PIP 2017-18: A Report on Monitoring of Important Components of NHM Programme Implementation Plan in Sonapat District, Haryana, June 2017.

(with Devanshi) NHM PIP 2017-18: A Report on Monitoring of Important Components of NHM Programme Implementation Plan in Fatehabad District, Haryana, July 2017.

(with Aditi Singh) NHM PIP 2017-18: A Report on Monitoring of Important Components of NHM Programme Implementation Plan in Tonk District, Rajasthan, September 2017.

(with Surbhi Bhalla) NHM PIP 2017-18: A Report on Monitoring of Important Components of NHM Programme Implementation Plan in Bhilwara District, Rajasthan, September 2017.

## ■ SANJAY SRIVASTAVA

### **Books Forthcoming/In Press**

(edited, with Rajeev Kumarakandath) *Sexualities and Modernity*. New Delhi: Sage Publications, 2019.

(edited, with Janaki Abraham and Yasmeen Arif) *Critical Themes in Indian Sociology*. New Delhi: Sage Publications, 2018.

### **Papers Published in Journals and Edited Volumes**

‘Gated Spaces, Commodity Cultures and the Politics of Gender’, in Manjeet Bhatia (ed.), *Locating Gender in the New Middle-Class in India*. Shimla: Indian Institute for Advanced Study, 2017.

‘Post-national Urbanism: “Ordinary” People, Capital and the State’, in Sujata Patel (ed.), *India International Centre Quarterly*, special issue on ‘Urbanisation and the Growth of Cities’, Spring, 2017.

‘Masculinity Studies and Feminism: Othering the Self, Engaging Theory’, in Romit Chowdhury and Zaid Al-Baset (eds), *Men and Feminism in India*. London: Routledge, 2018, pp. 35–49.

‘New Urbanism, Post-nationalism and Consumerist Modernity in India’, in Olga Kravets, Pauline Maclaran, Steven Miles and Alladi Venkatesh (eds), *The Sage Handbook of Consumer Culture*. London: Sage Publications, 2018, pp. 124–42.

‘Divine Markets: Ethnographic Notes on Postnationalism and Moral Consumption in India’, in Filippo Osella and Daromir Rudnyckij (eds), *Religion and the Morality of the Market*. Cambridge: Cambridge University Press, 2017, pp. 94–115.

### **Papers Accepted for Publication**

‘Urban Spatial Politics: Sociality, “Corruption” and Ideas of Community in Delhi and Gurgaon’, in Sanjoy Chakravorty (ed.) *Colossus: The Anatomy of India’s National Capital Region, Delhi*. Philadelphia: Temple University Press, forthcoming (2018).

‘Technotopias, consumer cultures, and the gendered city’, in Laila Abu-Er-Rub, Christiane Brosius and Jeroen de Kloet (eds), *Being Single in Urban Asia: Spaces and Mobilities, Spaces and Precarities*. Heidelberg: Heidelberg University Press, forthcoming (2018).

‘The Class Divide’, in Niraja Gopal Jayal (ed.), *The Politics of Change*. New Delhi: Penguin India, forthcoming (2018).

‘Masculinity, Sexuality and Culture: Entangled Narratives’, in Anu Aneja (ed.), *Women and Gender Studies in India*. New Delhi: Routledge, forthcoming (2018).

(with Ben Crow) ‘Entangled Urbanization: Theorisations from Policy, Action and Research in Four Cities across Three Continents’, *Urban Studies*, forthcoming.

‘On the Merits of the Near-impossibility of Dialogue’, *Dialogues in Human Geography*, forthcoming (2018).

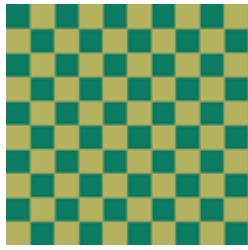
### **Unpublished Paper/Monograph**

‘The Dangerous Playground: Discourses of Corporal Punishment, Masculinity and Schooling in Himachal Pradesh’, March 2018.



# 5

## Faculty: Ongoing Projects and Studies



### ■ AMITA BAVISKAR

*'Food Practices in Western India: Environment, Production and Consumption', self-initiated. Initiated in September 2012; likely date of completion, September 2022.*

The multiple routes of Indian modernity can be traced through shifts in the modes of producing and consuming food. This study attempts to analyse some of these shifts through a selective discussion of changing food practices in post-Independence India. It locates these changes in the context of the political economy of agriculture since the Green Revolution which brought about a profound rearticulation between food producers and consumers. It delineates the widening circuits of food as a commodity form within the home and outside, spanned by the growth of processed foods and the practice of 'eating out'. The study juxtaposes changes in affluent and middle-class consumption with the persistence of hunger and malnutrition among the poor.

*(with Purnamita Dasgupta and C.S.C. Sekhar) 'Risks, Returns and Resilience: A Multi-Disciplinary Approach to Climate Change and Agriculture', funded by ICSSR. Initiated on March 2, 2017; likely date of completion, March 2019.*

Dryland agriculture in India has been marked by a severe crisis of reproduction over the last two decades. In an already precarious scenario, climate change adds another dimension of uncertainty which farmers, as well as policymakers, are struggling to factor into their strategies for future well-being. What are the mechanisms available to the farmer for coping with this uncertainty? What are the resources that s/he can command—natural, financial, political and social? Are the pathways of coping different in different regions? How varied are risks and returns in different states? This study attempts to address these questions and understand this complex issue through a multi-disciplinary approach.

*'Public Health Initiative on LMIC (Low and Middle-Income Countries) Air Pollution', funded by UK Medical Research Council-Arts and Humanities Research Council. Initiated on May 1, 2018; likely date of completion, December 1, 2019.*

This project brings together clinicians, designers, social and data scientists to explore the lived experiences of asthmatic adolescents drawn from the different strata of Delhi society. It will produce ethnographic data in a productive dialogue with quantitative data derived from wearable sensors on personal exposure to airborne pollution, to inspire stylised animation sequences conveying pithy messages on the unequal burden of air pollution in Delhi. This project is in partnership with the University of Edinburgh, Centre for Chronic Disease Control India, and Indian Institute of Technology Bombay.

### ■ T.A. BHAVANI

*'Behavioural Economics and Public Policy', self-initiated. Initiated in March 2018; likely date of completion, June 2019.*

Policies based on mainstream economics ignore deviations of human behaviour from the rational and hence have limited efficacy. Behavioural economics that integrates psychological behaviour of individuals into economics provides more effective policy solutions to economic problems. Realising this, countries like the UK and USA have started devising public policies by incorporating behavioural insights. In this context, I plan to work on the role of behavioural economics in public policymaking. To be specific, I will try to bring together the basic patterns of human behaviour, their implications for the decision making of economic agents, behavioural tools available for public policy and some of the successful policy applications of behavioural economics.

### ■ SANGEETA CHAKRAVARTY

*'Trends Analysis of Tourism in India', self-initiated. Initiated in September 2017; likely date of completion, August 2018.*

India, one of the fastest growing economies in the world, still lags behind in tourism. Due to the lack of promotion and infrastructure, tourism in India is not a big industry compared to other developing countries. Tourist expenditure on accommodation, food, transport and recreation has an effect on the overall development of a country. The percentage receipt from foreign tourists in relation to gross national product is an indicator of the importance of tourism. Tourism is a sector with immense economic development and employment generation possibilities. This paper examines the trends of the indicators of tourism for the period 1980–2016. Comparing the performance of the tourism sector at an all-India level and a few states gives insightful results.

*'Tourism and Economic Growth in India: An Econometric Approach', self-initiated. Initiated in May 2017; likely date of completion, July 2018.*

An important macroeconomic question for researchers and investors is whether foreign tourist arrival can lead to economic growth. In recent years, the tourism industry in India has been growing at a rapid pace. It has the potential to generate employment and earn foreign exchange. It also contributes to the country's overall economic, social and cultural development. In this backdrop, the study examines the dynamic relationship between economic growth, foreign exchange earnings from tourism and foreign tourist arrival in India using econometric techniques.

*'The Effect of Tourism Growth on Economic Growth in India: Quantile Regression Approach', self-initiated. Initiated in November 2017; likely date of completion, October 2018.*

This study analyses whether tourism growth measured as the number of tourists arriving in India has a positive impact on economic growth. It uses quantile regression, a statistical technique, for the period 1997–2014.

*(with Basanta K. Pradhan) 'Government Expenditure and Tax Revenue: Odisha', self-initiated. Initiated in November 2017; likely date of completion, September 2018.*

### ■ SAMIK CHOWDHURY

*(with Indrani Gupta) 'Fiscal Restructuring and its Implications on Health Sector: An Analysis of State Budgets with Focus on Uttar Pradesh and Bihar', funded by the Bill & Melinda Gates*

Foundation (BMGF), USA. Initiated on October 29, 2015; likely date of completion, December 31, 2019.

The fiscal landscape in India is undergoing significant changes following the 14th Finance Commission (FFC) recommendations and its subsequent acceptance by the Government of India. The FFC has increased the tax devolution to states from the divisible pool with a simultaneous reduction in Plan outlay in the current Union budget to accommodate the increased tax devolution. The ensuing changes could have an impact on social sector programmes, especially the health sector, where states have the greater expenditure responsibility. The main objective is to understand what the implications of the recent policy pronouncements would be for the health sector of five states—Uttar Pradesh, Bihar, Tamil Nadu, West Bengal and Himachal Pradesh.

### ■ SAUDAMINI DAS

'Identifying Agro-vulnerable Hotspots through Ex-post Analysis', self initiated. Initiated on March 1, 2018; likely date of completion, October 30, 2018.

The standard vulnerability analysis is based on methods of developing indexes using parameters and defines vulnerability in an ex-ante sense. This study will use agricultural value added and disaster data at the district level and will define vulnerability using the model predicted error. This method will be more appropriate in identifying agro disaster hot spots so that the appropriate policy can be targeted to those areas.

*(with Arup Mitra, Amarnath Tripathi, Thiagu Ranganathan and Tapas Sarangi) 'Climate Change, Livelihood Diversification and Well-being in Rural Odisha', funded by ICSSR. Initiated in April 2017; likely date of completion, March 2019.*

This study based on field level data explores the scope for livelihood diversification in the rural areas of a backward state. How climate change has impacted on their livelihood, whether the strategies adopted by the households help them mitigate the vulnerabilities, and what policy options in this context need to be taken up are some of the key issues of the project.

Economics of Marine Plastic Pollution in India', self-initiated. Initiated on December 1, 2017; likely date of completion, June 30, 2018.

The year 2018 has been declared as the year of Marine Plastic pollution and governments worldwide are being advised to clean the water bodies and manage plastic waste urgently. This study is a preliminary work to suggest methodologies to derive an economic estimate of the loss suffered due to this problem in India.

### ■ PURNAMITA DASGUPTA

*(with Smita Sirohi, NDRI) 'Risk and Vulnerability Analysis of Rural Farm Households in Drought Prone and Coastal Areas of India', funded by ICSSR. Initiated in March 2016; likely date of completion, August 2018.*

This study assesses the nature, type and magnitude of risks faced by the rural farm households in the drought prone state of Rajasthan and the coastal state of Kerala. It maps the vulnerability of households to multiple stressors in the study area, and analyses in depth the vulnerabilities faced in terms of two indicators—technology adoption and food security. Further, it seeks to assess the effectiveness of household and community responses for managing risks, based on their access to and utilisation of available risk management options, across socio-economic groups. For each of the study areas, we examine the efficacy of one important risk management option in building resilience and reducing risks—in Kerala we look at producer co-operatives while in Rajasthan we study insurance mechanisms.





(with Amita Baviskar and C.S.C. Sekhar) *'Risks, Returns and Resilience: A Multi-Disciplinary Approach to Climate Change and Agriculture'*, funded by ICSSR. Initiated in March 2017; likely date of completion March 2019.

Dryland agriculture in India has been marked by a severe crisis of reproduction over the last two decades. In an already precarious scenario, climate change adds another dimension of uncertainty, which farmers, as well as policymakers, are struggling to factor into their strategies for future well-being. What are the mechanisms available to the farmer for coping with this uncertainty? What are the resources that s/he can command—natural, financial, political and social? Are the pathways of coping different in different regions? How varied are risks and returns in different states? This study attempts to address these questions and understand this complex issue through a multi-disciplinary approach.

(with Manoj Panda) *'Developing Future Socio-Economic Scenarios for India in the Context of Climate Change'*, funded by NATCOM, Ministry of Environment, Forest and Climate Change (MoEFCC) and UNDP. Initiated in October 2017; likely date of completion, October 2018.

The objective of this study is to develop future socio-economic scenarios for India in the context of climate change. The study is funded by the MoEFCC, as a preparatory study for India's Third National Communication (TNC) to the UNFCCC. The scenarios are being developed for three time periods—short- (2020–2030), medium- (2030–2050) to long-term time scales (2100)—and include some key socio-economic variables such as GDP growth, poverty, inequality and demographic characteristics. Investment, labour, technology and energy inputs are considered to be critical in understanding how the economy will perform in the future, while expectations about future achievements in socio-economic indicators, as specified in the SDGs, are important markers of social well-being. The challenges posed by climate change are captured by making scenarios corresponding to the shared socio-economic pathways (SSPs) approach.

*'Sustainable Development, Poverty Eradication and Reducing Inequalities'*, IPCC Special Report on 1.5° C Global Warming, funded by Intergovernmental Panel on Climate Change (IPCC). Initiated in March 2017; likely date of completion, June 2018.

The responsibility is that of the Lead Author for chapter 5, titled 'Sustainable Development, Poverty Eradication and Reducing Inequalities'. This is an IPCC special report on the impact of global warming of 1.5 °C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development and efforts to eradicate poverty. The report is currently at the stage of the final review by governments.

(with Manoj Panda and William Joe) *'Pay Commissions: Fiscal Implications'*, 15th Finance Commission, Government of India. Initiated in June 2018; likely date of completion, October 2018.

This study will examine the rationale and history of the setting up of the central and state Pay Commissions and the principles underlying their recommendations. It will analyse the effect of Pay Commissions on the fiscal accounts of the centre and states, and provide projections for 2020–2025. It will consider arrears, wages, salaries and allowances. It will also analyse these in the context of international experience.

(with Manoj Panda and William Joe) *'Resource Sharing between Centre and States and Allocation across States: Some Issues in Balancing Equity and Efficiency'*, 15th Finance Commission, Government of India. Initiated in June 2018; likely date of completion, October 2018.

This study will review the approach and recommendations of the last four Finance Commissions with respect to vertical and horizontal devolution, focusing on the revenue and expenditure of the union and the states. The trends and pattern in horizontal fiscal devolution across states will be assessed along with the states' own efforts to raise resources and maintain fiscal disci-



pline. The major factors affecting the horizontal and vertical devolution trends will be analysed and the criteria for devolution will be examined in terms of their efficacy in helping stabilisation, equity and fiscal discipline.

## ■ OINDRILA DE

*(with Satyendra K. Gupta) 'Systemic Risks and Competition Distortion: Do Government-Assisted Mergers Make Things Better for Indian Financial Sector?', self-initiated. Initiated in January 2018; likely date of completion, December 2018.*

During the 2008 financial crisis, bailout and government-assisted merger and acquisitions (GM&A) had become the most important means to prevent bank failure around the world. Pre- and post-crisis literature tried to untangle the effects of such measures on competition and on the stability of the financial system. The banking sector in India also experienced two episodes of near-crisis situations and therefore is an important testing ground for rescue measures. This study focuses on restructuring mergers since bailout (recapitalisation) is a universal and repetitive phenomena in India. We use market share and Lerner index as competition/concentration measures and marginal expected shortfall (MES) and Delta Conditional Value at Risk () as measures of systemic risk of the banking sector.

*'Online Media Market: Competition, Neutrality and Data Protection', self-initiated. Initiated in March 2018; likely date of completion, March 2019.*

Recent fines on Google India by the Competition Commission for abusing its dominant position in the vertical search market, as well as investigations against Facebook for possible data abuse that manipulated the Indian election has brought focus back on the regulation of the internet. In this study, we try to build an integrated economic framework to investigate possible competition distortion, search non-neutrality as well as privacy breach by the online media market and suggest a holistic legal framework to regulate online media which is currently unavailable in India.

## ■ NILABJA GHOSH

*(with M. Rajeshwor) 'Forecasting Agricultural Output using Space, Agro-meteorology and Land-based Observation (FASAL)', funded by the Ministry of Agriculture and Farmers' Welfare, Government of India. Initiated in 2005, ongoing (to be reviewed for 2018 onward; updating database for kharif modelling 2018–19).*

The FASAL project provides early forecasts of crop output using econometric modelling to the Ministry of Agriculture every year. This is used for finalising official advance and final estimates published by the Government of India. Four forecasts are provided, two (F0 and F1) each for Kharif and Rabi for major crops at the state level and projected at the all-India level. Participation involves presentations for reviews, monitoring and training.

*(with FASAL team) 'Emerging Technologies for Rice Cultivation including SRI', not yet funded. Initiated in 2015–16, under consultation.*

The study is a review of rice farming practices, sustainable techniques and their suitability in Indian conditions especially eastern India. It is an invited paper for a future chapter in a book, *System of Rice Intensification for Increased Productivity and Ecological Security*, edited by K. N. Bhatt and P. Bhargava to be published by G.B. Pant Social Science Institute, University of Allahabad. The paper draws and extends on the work done for ICIMOD. Special focus of the proposal is on SRI in Bihar.

*(with FASAL team) 'Land Use Changes from Agriculture to Urban Landscape', self-initiated. Initiated in 2016–17, under consultation.*



This short study examines the land use and cropping pattern changes taking place in the National Capital Region which is becoming urbanised over time. Both secondary data and satellite maps created under FASAL are used comparatively.

*'Dynamics and Extent of Fallow Land in India', funded by Ministry of Agriculture and Farmers' Welfare. Initiated in July 2017; finalising the draft report and expect to submit in September 2018.*

The AER study assigned by the MOA&FW studies land use and arable land underutilisation in India. It is based on land use data at the all-India level and state level from secondary official data sources to understand the structure of land use and the dynamics of land use over time. Econometric analysis is also used to identify the drivers of short-term and long-term fallow land. Primary data on land fallowing collected by four AER Centres is also analysed to comprehend perceptions and decision making of farmers on the ground.

*(with FASAL team) 'Extent of Food Processing in India', Ministry of Food Processing (MoFP). Initiated in 2017, official request and under consultation with MoFP.*

This is an extension of the earlier work estimating the level of food processing that is still being discussed with the MoFP. It is a study of methods and generation of statistics.

## ■ INDRANI GUPTA

*(with Samik Chowdhury) 'Fiscal Restructuring and its Implications on Health Sector: An Analysis of State Budgets with Focus on UP and Bihar', funded by the Bill & Melinda Gates Foundation (BMGF). Initiated on October 29, 2015; likely date of completion December 31, 2019.*

The fiscal landscape in India is undergoing significant changes following the 14th Finance Commission (FFC) recommendations and its subsequent acceptance by the Government of India. The FFC has increased the tax devolution to states from the divisible pool with a simultaneous reduction in Plan outlay in the current Union budget to accommodate the increased tax devolution. The ensuing changes could have an impact on social sector programmes, especially the health sector, where states have the greater expenditure responsibility. The main objective is to understand what the implications of the recent policy pronouncements would be for the health sector of five states—Uttar Pradesh, Bihar, Tamil Nadu, West Bengal and Himachal Pradesh.

## ■ BRAJESH JHA

*'Policy Environment for Price Policy for Pulses and Oilseeds', funded by the Ministry of Agriculture and Farmers' Welfare. Initiated in 2017; likely date of completion, December 2018.*

The cobweb phenomenon remains important for agricultural commodity. The government, because of its concern about commodities price for consumers, often resorts to imports and uses the price stabilisation fund to ease the domestic market. However, farmers are often deprived of the minimum support price (MSP) for their produce. Previous studies show that MSP, besides addressing farmers' distress, also affects the sustainable availability of a commodity. The present study reviews the price support programme for farmers, with specific objectives like the effect of imports on farm harvest price of agricultural commodities and its effect on production in subsequent years. The study assesses a suitable policy environment for efficient price support programmes for farmers.

*(with Anita Kumari) 'Sources of Growth in Agriculture', funded by the Ministry of Agriculture and Farmers' Welfare. Initiated in 2014; likely date of completion, July 2018.*

There is a near consensus among policy experts that agriculture has to grow at a rate of more than 4 per cent for the balanced development of the economy. Trend growth of agriculture in the recent decade has, however, been significantly lower than 4 per cent. Public investment in

agriculture is cited as one of the many reasons for the lower growth in agriculture. The study analyses the trend of public investment in agriculture at the levels of the country and important states (Bihar, Gujarat, Haryana, Himachal Pradesh and Tamil Nadu). The study attempts to delineate the linkage between public and private investment in agriculture. This finally assesses the effect of investment on agricultural performance.

## ■ WILLIAM JOE

*(with T. Jayan) 'National Food Security Act among Rural Households in Karnataka', funded by ICSSR. Initiated in June 2017; likely date of completion, May 2019.*

The study examines the performance of the National Food Security Act (NFSA) among the rural households in the Dharwad and Chitradurga districts of Karnataka. In particular, the study aims to estimate the off-take and magnitude of leakage and diversion of Public Distribution System (PDS) food grains among rural households. It also assesses the dependence of rural households on the NFSA for meeting food grain consumption, as well as the overall performance of the PDS and viability of fair price shops.

*(with Amarnath Tripathi) 'Understanding the Existing Knowledge/skill Level and Attitude Motivation of Rural Youth towards Dairying as an Employment Activity in NDP-1 Intervention Villages', funded by National Dairy Development Board. Initiated in January 2018; likely date of completion, December 2018.*

This study aims to understand the existing knowledge/skill level and willingness of rural youth with respect to taking up of dairying and alternative sources of livelihood. It also explores the personal aspirations, social (peer and parental) influences, gender norms and infrastructure (land, finance, market, availability of labour and dairying knowledge) which constrain or influence rural youth's perceptions of dairying and their interest to take it up as an employment activity. The study is also expected to describe possible initiatives to create the incentives for increased rural youth employment and entrepreneurship in dairying.

*(with Amarnath Tripathi) 'Contribution of National Dairy Plan-I to the Inclusion, Equity and Income of Dairy Farmers', funded by National Dairy Development Board. Initiated in January 2018; likely date of completion, December 2018.*

The principal objective of the National Dairy Plan-I is to empower the deprived and vulnerable sections of the rural communities via all-inclusive interventions in the project areas. The NDP-I had a major focus on women, Scheduled Castes, Scheduled Tribes and small holders. Against this backdrop, this study aims to assess the contributions of NDP-I towards (a) increasing the productivity of milch animals and thereby milk production to meet the rapidly growing demand for milk; and (b) supporting rural milk producers with greater access to the organised milk processing sector.

## ■ SABYASACHI KAR

*(with Kunal Sen and Saon Ray) 'Determinants of Stalled Investment Projects in India', self-initiated. Initiated in April 2016; likely date of completion, March 2019.*

In the study, we examine the causes of stalling of investment projects in India. We use a rich database of individual stalled and non-stalled projects combining two separate industry-level databases, CapEx and Prowess data, from CMIE. The objective of the paper is to distinguish between project specific causes and firm specific causes of stalling in India.

*(with Kunal Sen) "De Facto" Deals, "De Jure" Rules and the Quality of Governance: A Cross-Country Study', self-initiated. Initiated in April 2018; likely date of completion, March 2019.*



It is well established that the state–business relationship in developing countries is not defined by the *de jure* rules of doing business that are legally adopted by the governments, but by *de facto* deals between business leaders and the state. In this paper, we study the relationship between these ‘rules’ and ‘deals’ and how they are affected by the quality of governance in these countries.

### ■ ANITA KUMARI

*(with Brajesh Jha) ‘Agricultural Growth and Investment’, funded by the Ministry of Agriculture and Farmers’ Welfare. Initiated on January 1, 2018; likely date of completion, July 2018.*

There is a near consensus among policy experts that agriculture has to grow at a rate of more than 4 per cent for the balanced development of the economy. Trend growth of agriculture in the recent decade has, however, been significantly lower than 4 per cent. Public investment in agriculture is cited as one of the many reasons for the lower growth in agriculture. The study analyses the trend of public investment in agriculture at the levels of the country and important states (Bihar, Gujarat, Haryana, Himachal Pradesh and Tamil Nadu). The study attempts to delineate the linkage between public and private investment in agriculture. This finally assesses the effect of investment on agricultural performance.

*(with Nilabja Ghosh and M. Rajeshwor; worked till December 31, 2017) ‘Forecasting Agricultural Output using Space, Agrometeorology and Land based Observation (FASAL)’, funded by the Ministry of Agriculture and Farmers’ Welfare. Initiated in 2005; ongoing (to be reviewed for 2018 onward; updating data base for kharif modelling 2018–19.*

The FASAL project provides early forecasts of crop output using econometric modelling to the Ministry of Agriculture every year. This is used for finalising official advance and final estimates published by the Government of India. Four forecasts are provided, two (F0 and F1) each for Kharif and Rabi for major crops at the state level and projected at the all-India level. Participation involves presentations for reviews, monitoring and training

### ■ ARUP MITRA

*(with Chandan Sharma) ‘Growth and Corruption’, self-initiated. Initiated in July 2017; likely date of completion, June 2019.*

Whether corruption reduces growth has been greatly debated in the literature. This study based on cross-country data investigates the issue in detail.

*(with Saudamini Das, Amarnath Tripathi, Thiagu Rangarajan and Tapas Sarangi) ‘Climate Change, Livelihood Diversification and Well-being in Rural Odisha’, funded by ICSSR. Initiated in April 2017; likely date of completion, March 2019.*

This study based on field level data explores the scope for livelihood diversification in the rural areas of a backward state. How climate change has impacted on their livelihood, whether the strategies adopted by the households help them mitigate the vulnerabilities, and what policy options in this context need to be taken up are some of the key issues of the project.

*‘Missing Middle’, funded by Ministry of Corporate Affairs, project pursued at National Institute of Labour Economics, Research and Development (NILERD). Initiated in March 2018; likely date of completion, October 2018.*

The Indian manufacturing sector comprises an overwhelming number of small and large units. Why the medium sized units are missing and/or why the small units have not grown to the next size are some of the key questions investigated in the project.

## ■ VEENA NAREGAL

*'Framing Inter-regional Comparison: Historical Demarcation and Developmental Transition in South Asia 1905–1960', funded by ICSSR. Initiated in July 2017; likely date of completion, January 2019.*

While the embracing of developmental agendas was prefaced by full, formal political acquiescence to the logic of linguistic territorialisation, the actual reorganisation in 1960 was a decade after economic planning became the centrepiece of the national mission. This study proposes a collaboration between four teams to track (a) the crystallisation and (b) rapid transformation of the region, played out *comparatively* across three regional contexts—present-day Gujarat, Maharashtra and Karnataka—between 1905 and 1960.

*'Disciplinary Histories and the Politics of Knowledge: The Making of Modern Economic Thought in Indian Languages', self-initiated. Initiated in April 2017; likely date of completion, April 2019.*

Even as we know of interesting work to explore the history of modern economic thought and economics as a discipline in other colonial/imperial contexts such as Egypt, China and Japan, the field is yet to attract serious consideration in the Indian context.

This project brings together research around foundational efforts from the second half of the 19th century to render modern economic thought into newly emerging, standardised forms of the regional vernaculars in colonial India. Such a focus on the interplay between vernacular public discourses and early disciplinary agendas/institutional histories can provide a much-needed critical and historical lens to consider the centrality of economic drain theory to early nationalist discourse and its 'progression' into the purported caste-lessness of post-1947 development discourse.

*'Language, Marginalization and the Tribal Question', self-initiated. Initiated in August 2017; likely date of completion, August 2019.*

This project posits the field of tribal studies as a *prime site* to draw attention to the *thematics of marginalisation* and its methodological coding within the Indian social sciences. Post-1947, academic and official discourses agreed that marginalisation ought to be analysed via an idiom of castelessness, through the categories of economic and social backwardness. In recent decades, by highlighting its genesis in an engagement with tribal languages and their texts, the People's Linguistic Survey of India has drawn our attention to the strong co-relation between linguistic marginalisation and economic and political exclusion of tribal communities.

Against this, we prioritise developmentalism and reorganisation of the federal structure along linguistic lines, advanced as intertwined goals since the late colonial period, as major vantage points to unpack the ways in which the tribal question has been coded with respect to other categories of marginality.

*'Institutional Frameworks and Policy Paradigms: Higher Education, Environment and Labour 1950–1990', self-initiated. Initiated in June 2017; likely date of completion, August 2019.*

Recognising that social policy initiatives in the Indian context predate the post-1950s development project, and share a longer history with contestations over colonial reform through efforts to create new codes, institutions, knowledge-forms and practices, this paper posits alternative frames of reference drawing on the larger domain of the human sciences to explore aspects of post-1947 social policy. The focus will be on the realm of higher education policy between 1950 and the early 2000s.

## ■ MANOJ PANDA

*(with Purnamita Dasgupta and William Joe) 'Pay Commissions: Fiscal Implications', 15th Finance Commission, Government of India. Initiated in June 2018; likely date of completion, October 2018.*





This study will examine the rationale and history of the setting up of the central and state Pay Commissions and the principles underlying their recommendations. It will analyse the effect of Pay Commissions on the fiscal accounts of the centre and states, and provide projections for 2020–2025. It will consider arrears, wages, salaries and allowances. It will also analyse these in the context of international experience.

*(with Purnamita Dasgupta and William Joe) 'Resource Sharing between Centre and States and Allocation across States: Some Issues in Balancing Equity and Efficiency', 15th Finance Commission, Government of India. Initiated in June 2018; likely date of completion, October 2018.*

This study will review the approach and recommendations of the last four Finance Commissions with respect to vertical and horizontal devolution, focusing on the revenue and expenditure of the union and the states. The trends and pattern in horizontal fiscal devolution across states will be assessed along with the states' own efforts to raise resources and maintain fiscal discipline. The major factors affecting the horizontal and vertical devolution trends will be analysed and the criteria for devolution will be examined in terms of their efficacy in helping stabilisation, equity and fiscal discipline.

*(with Purnamita Dasgupta) 'Developing Future Socio-Economic Scenarios for India in the Context of Climate Change', funded by NATCOM, Ministry of Environment, Forest and Climate Change (MoEFCC) and UNDP. Initiated in October 2017; likely date of completion, October 2018.*

The objective of this study is to develop future socio-economic scenarios for India in the context of climate change. The study is funded by the MoEFCC, as a preparatory study for India's Third National Communication (TNC) to the UNFCCC. The scenarios are being developed for three time periods—short- (2020–2030), medium- (2030–2050) to long-term time scales (2100)—and include some key socio-economic variables such as GDP growth, poverty, inequality and demographic characteristics. Investment, labour, technology and energy inputs are considered to be critical in understanding how the economy will perform in the future, while expectations about future achievements in socio-economic indicators, as specified in the SDGs, are important markers of social well-being. The challenges posed by climate change are captured by making scenarios corresponding to the shared socio-economic pathways (SSPs) approach.

## ■ BASANTA K. PRADHAN

*'Perspective Plan for Odisha', funded by Government of Odisha. Initiated in September 2015; likely date of completion, October 2018.*

This study aims to prepare a perspective plan for Odisha for years 2030 and beyond. The objectives of the plan would be projecting growth and income for 2036 keeping in view the current income and poverty alleviation scenario. The plan involves ascertaining investments required to realise the future targets for growth and income and investments and budgetary allocations for specific sectors like health, education, infrastructure, etc. Here we are trying to estimate a series for total (both public and private) capital formation.

*'Fiscal Scenario in Punjab', funded by NITI Aayog. Initiated in September 2016; likely date of completion, August 2018.*

The study intends to identify different deficit indicators for the state. It examines the debt position and discusses the alternative approaches to the debt-sustainability perspective of the state. Beyond the aggregate analysis, this study attempts to carry a disaggregate analysis of different components of the state's committed expenditure vis-à-vis the targets, and its comparison with those achieved by other major states in India. The study also aims to estimate the tax capacity and tax effort of the state using relevant econometric methods and to suggest policies to cope up with the challenges of fiscal consolidation in Punjab.

*'Cyclically Adjusted Fiscal Balance for Centre and States in India', funded by the 15th Finance Commission. Initiated in May 2018; likely date of completion, September 2018.*

The proposed study attempts to analyse cyclically adjusted fiscal balance for the central government and the average of all state governments in India post the 1990s. The methodology involves adjusting for one-off fiscal measures and then estimating CAB from the cyclically adjusted revenue and expenditures that are functions of elasticities of revenue and spending, respectively, and of the output gap. The study would attempt estimation of potential output using alternative methods such as Hodrik Prescott filter, the Band Pass filter of Christiano-Fitzgerald and the production function approach.

## ■ RASHMI RASTOGI

*'Location of FDI across Indian States and the Role of Mineral Resources', self-initiated. Initiated in March 2018; likely date of completion, December 2018.*

This study examines the role of mineral resources in the concentration of domestic and foreign direct investment across Indian states. It computes the mineral resource abundance of states, and analyses whether their resource endowment played any substantive role in attracting both domestic and foreign direct investment.

*'Mineral Resource Endowment and FDI Inflows in India', self-initiated. Initiated in March 2018; likely date of completion, October 2018.*

This study examines whether FDI in India is natural resource seeking. The study also includes the role of third countries in attracting FDI. It will include FDI inflows into India from several source countries from the year 2000 onwards.

## ■ PRAVAKAR SAHOO

*'Capital Flows and its Impact on the Economy', funded by ICSSR. Likely date of completion, December 2018.*

*'One Belt One Road: Economic and Strategic Implications', self-initiated. Likely date of completion, December 2018.*

*'China and India's Services Exports', self-initiated. Likely date of completion, 2019.*

*'Basel-III and Indian Banking Sector', self-initiated. Likely date of completion, 2019.*

*'Capital Flows: Expansionary or Contractionary', self-initiated. Likely date of completion, 2018.*

## ■ C.S.C. SEKHAR

*(with Amita Baviskar and Purnamita Dasgupta) 'Risks, Returns and Resilience: A Multi-Disciplinary Approach to Climate Change and Agriculture', funded by ICSSR. Initiated on March 2, 2017; likely date of completion, March 2019.*

Dryland agriculture in India has been marked by a severe crisis of reproduction over the last two decades. In an already precarious scenario, climate change adds another dimension of uncertainty, which farmers, as well as policymakers, are struggling to factor into their strategies for future well-being. What are the mechanisms available to the farmer for coping with this uncertainty? What are the resources that s/he can command—natural, financial, political and social? Are the pathways of coping different in different regions? How varied are risks and returns in different states? This study attempts to address these questions and understand this complex issue through a multi-disciplinary approach.



(with Amarnath Tripathi) 'Concurrent Evaluation of Rashtriya Krishi Vikas Yojana (RKVY)', funded by Ministry of Agriculture. Initiated in November 2016, draft report submitted March 2018, final report expected to be completed by June 2018.

'Price Deficiency of Payments Scheme in Madhya Pradesh: Problems and Prospects', funded by Ministry of Agriculture. Initiated in April 2018; likely date of completion, June 2018.

### ■ RUBY ALAMBUSHA SINGH

'Prevalence of Early Marriage, Domestic Violence and its Impact on Women's Health in India', funded by Ministry of Health and Family Welfare. Initiated in March 2017; likely date of completion, December 2018.

Although a growing body of evidence suggests that child marriage has adverse health and social consequences, there has been relatively little research on the association of child marriage with intimate partner violence (IPV). This study seeks to assess the effect of child marriage and domestic violence on women's sexual and reproductive health; to assess the linkages between child marriage and domestic violence; and to examine the relationship between marital violence and healthcare seeking behaviour.

### ■ SURESH SHARMA

(with PRC Staff) 'NHM Delhi, Haryana, Rajasthan and Uttar Pradesh States Programme Implementation Plans (PIPs): 2016-17 Monitoring and Evaluation for 24 Districts', funded by Ministry of Health and Family Welfare. Initiated in April 2017; likely date of completion, March 2018.

PRC Delhi will look at quality monitoring of Delhi, Uttar Pradesh and Sikkim States NHM PIPs for the monthly report. In this context, the PRC Delhi teams will be visiting North Sikkim and East Sikkim; Aligarh, Firozabad, Hathras, Jalaun, Jaunpur, Jhansi, Jyotiba Phule Nagar, Kannauj, Mirzapur, Rampur, Saharanpur, Sambhal, Shamli and Unnao in Uttar Pradesh; and Almora, Nanital, Chamoli, Rudrapur, Dehradun, Hardwar, Pauri Garhwal and Udham Singh Nagar in Uttarakhand to review and analyse the suitable quality parameters. The study uses the structured interview schedule to examine progress on the basis of key conditionalities and incentives and roadmap for priority action as suggested in the RoPs.

'Mohalla Clinics: Providing Quality Healthcare to the Deprived?', funded by Ministry of Health and Family Welfare. Initiated in April 2018; likely date of completion, December 2019.

The Delhi government's health system works on the primary, secondary and tertiary healthcare model. The Mohalla clinics aim to take diagnostics and treatment of minor ailments to people's doorsteps. Another objective is to reduce the footfall in tertiary care hospitals. The government's stated objective is to have 1,000 functioning Aam Aadmi Mohalla Clinics (AAMCs). This study seeks to examine the extent to which the AAMCs have made access to the healthcare system easier. The study proposes to collect primary data through field visits to randomly selected Mohalla Clinics. Personal interviews using structured questionnaires would be conducted with the beneficiaries, doctors and other staff. The observation approach would be employed.

'Why do Health Care Services Still Elude the Baiga Tribe of Dindori? A Primary Study into the Gaps in Functioning of Healthcare Mechanism', funded by Ministry of Health and Family Welfare. Initiated in April 2018; likely date of completion, December 2019.

The socio-economic and demographic indicators for the Scheduled Tribes display acute heterogeneity across the Indian states and are influenced by manifold deprivation factors. There exist various tribal groups battling for survival and good health. One such group is the Baiga tribe residing in Madhya Pradesh. The study focuses on the delivery, accessibil-



ity and utilisation of healthcare mechanism among the Baigas. The study would be based on primary and secondary data collection. Data would be collected at two levels, the facility level and household level. The findings of this study would help in tribal-centric policy formulation.

*'Living Arrangements & Health-Related Quality of Life among Elderly in India', funded by Ministry of Health and Family Welfare. Initiated in June 2018; likely date of completion, November 2019.*

The psychological benefit of living with others can have a positive effect on various aspects of elderly health, including cognitive functions. A higher proportion of older men are married (due to greater life expectancy of women) and are economically independent compared to older women. Older women are more likely to have lower social networks, experience disabilities and live alone. Taking these nuances into account, the study aims to assess the impact of differences in living arrangements on the health of the elderly. Using data from the second round of the IHDS survey, the impact of varying living arrangements on self-rated health will be assessed. The living arrangement variable distinguishes whether the individual lives alone or with others.

### ■ SANJAY SRIVASTAVA

*'Urban Futures: Satellite Mapping, Big Data and the Politics of Space at the Margins of the Indian City', self-initiated. Initiated in March 2018; likely date of completion, December 2019.*

This study investigates discourses and practices of urban governance based upon notions of technologically driven urban futures. It explores relationships between official, digitally mapped visions of the city and 'raw' maps produced by residents of 'Unauthorised Localities' (ULs). The state produces satellite maps to develop 'transparent' and 'accurate' urban development policies, particularly in relation to shanty town localities. These, however, are contested by the urban poor, thereby revealing complex relations between technology, urbanism, governance, land markets and marginality. Using the case of an 'inaccurately' mapped street, the presentation seeks to build upon a social science approach to analyse techno-positive discourses of urban governance in India.

*(with Ayona Datta) 'Learning from Small Cities: Governing Imagined Futures, and the Dynamics of Change in India's Smart Urban Age', funded by ICSSR-ESRC. Initiated in June 2018; likely date of completion, June 2020.*

This study seeks to critically examine how state, urban authorities and citizens of small cities living through rapid and radical urban transformations imagine and realise new urban futures. Taking an asset-based approach to infrastructure access and provision, we will examine how small cities learn to translate state imaginations of urban futures into 'actually existing' smart cities, how ordinary citizens in these cities live with the dynamics of these changes, how they value assets (tangible and intangible) and how this combined knowledge might be mobilised towards more sustainable smart cities policies and projects. Jalandhar, Nashik and Shimla will form the focus of research.

### ■ SHRADDHA SRIVASTAVA (ICSSR POST-DOCTORAL FELLOW)

*'Dietary Acculturation and its Consequences: With Special Reference to Other States' Students in Delhi University', initiated under ICSSR Post-Doctoral Fellowship in February 2017.*

The focus of this research is to observe the dietary acculturation among undergraduate students who come from other states and live in the hostels of the University of Delhi, paying guest accommodation or apartments. The prime objective is to explore students' dietary behaviour in a new culture and to evaluate the patterns and extent to which they change their dietary practices. The affecting factors of dietary acculturation would also be studied.





# 6

## Faculty: Honours, Professional Positions and Membership of Major Bodies



### ■ AMITA BAVISKAR

Member, Editorial Team, Review of Urban Affairs, *Economic and Political Weekly*.

Member, Editorial Collective, *Journal of Peasant Studies*.

Member, Editorial Board, *American Anthropologist*.

Member, Editorial Advisory Board, *World Development*.

Consulting Deputy Editor, *Biblio*.

Member, Advisory Board, *Food, Culture and Society*.

Member, Faculty Advisory Committee, Ashoka Trust for Research in Ecology and the Environment.

Member, Board of Studies, School of Social Sciences and Humanities, Tata Institute of Social Sciences, Guwahati.

Member, Research and Advisory Committee, Prayas Energy Group.

Member, Executive Committee, Bharat Rural Livelihoods Foundation.

Member, Advisory Committee, Forum for Policy Dialogue on Water Conflicts in India.

Member of the Jury for the Infosys Prize for the Social Sciences 2017.

Member of the Jury for the Bhagirath Prayas Sammaan for the India Rivers Week.

Member, Editorial Advisory Board, *Contributions to Indian Sociology*.

### ■ SAMIK CHOWDHURY

Reviewer for Bulletin of the WHO, PLoS One, Arthaniti.

External examiner for (1) Ph.D. thesis from Department of Economics, Jamia Millia Islamia University, New Delhi and (2) M.Phil. dissertation from Centre for International Trade and Development (CITD), Jawaharlal Nehru University, New Delhi.

### ■ SAUDAMINI DAS

Member, Expert Committee for Research, NABARD.

Expert, MSc Policy Studies Thesis Evaluation, TERI University.

Expert, MSc Thesis Evaluation, Department of Environmental Studies, University of Delhi.

South Asia Representative, Sustainable Initiative for the Marginal Seas of South and East Asia (An Initiative under Future Earth).

Senior Research Fellow, Environment for Development (EfD) Initiative, University of Gothenburg, Sweden.

Member, Centre for Research on the Economics of Climate, Food, Energy and Environment (CECFEE), Indian Statistical Institute, Delhi.

Member, European Association for Environmental and Resource Economists.

#### ■ PURNAMITA DASGUPTA

Member, Editorial Board, *Climatic Change*.

Member, Policy Research Advisory Committee, CEEW, Delhi.

Member, Working Group on Mitigation Instruments, CEEW, Delhi and EDF, USA.

Member, Advisory Board, DST Centre for Policy Research, BBA Central University, Lucknow.

Member, The Indian Econometric Society.

Member, The Indian Society of Ecological Economics.

#### Others

External Member, Ph.D. Research Committee, Thesis on ICTs and farmers' adaptive capacity to climate risk, Department of Humanities and Social Sciences, Indian Institute of Technology, Delhi.

#### Professional Positions held

Lead Author, Special Report on Global Warming of 1.5 deg C, Intergovernmental Panel on Climate Change (IPCC).

International Specialist Advisor, CIRCLE fellowship, Association of Commonwealth Universities, University of Greenwich, UK (2015–2018).

Member, Science and Policy Committee, Collaborative Adaptation Research Initiative in Africa and Asia (CARIAA) program, IDRC.

#### ■ VIKRAM DAYAL

Associate Editor, *Ecology, Economy and Society*.

Member, Board of Studies, School of Human Ecology, Ambedkar University, Delhi.

#### ■ NILABJA GHOSH

Member, Committee of Finalisation of Advance and Final Estimates of Crop Output, Ministry of Agriculture and Farmers' Welfare.

Member, Indian Society of Agricultural Statistics.

Reviewed papers for *Journal of Indian Society of Agricultural Statistics*.

Ph.D. External Expert for Student Research Committee of Indian Institute of Technology, Delhi.

Ph.D. thesis on 'Essays on Agricultural Markets and Producers' Welfare: An Economic Study of Uttarakhand', March 21, 2018.

## ■ INDRANI GUPTA

Member, Executive Committee and Governing Body, National Health Systems Resource Centre.

Member, Expert Group to Apprise 15<sup>th</sup> Finance Commission for Development in the Health Sector.

Member and Co-Chair of sub-group on NCD Financing.

Member, Core Group of the Technical Appraisal Committee of Medical Technology Assessment Board, Ministry of Health and Family Welfare.

Member, National Health Accounts Expert Group Committee, Ministry of Health and Family Welfare

Member, Technical Advisory Committee on Antimicrobial Resistance, World Health Organization.

Member, World Health Organization Advisory Committee on Health Research.

Member, Sir Ganga Ram Hospital Institutional Committee for Stem Cell Research.

Member, Central Advisory Board, Policy Centre for Biomedical Research.

Member, Research Coordination Committee for the initiative 'System of Promoting Adequate National Dynamism for Agriculture and Nutrition (SPANDAN)'.

Member, Technical Sub Committee, National Technical Advisory Group for Immunization (NTAGI).

Member, Academic Advisory Council, International Institute of Health Management Research.

Member, Project Review Group, Social and Behavioural Research, Indian Council of Medical Research.

Member, Governing Board, Action Research and Training for Health (ARTH).

Member, Board of Trustees, Naz Foundation, India.

Founding Member and Board Member, World Health Partners.

Member, Task Force on Statistics and Health Systems Research, Indian Council of Medical Research.

## ■ BRAJESH JHA

Reviewed theses submitted in Indian Agricultural Research Institute, Indian Institute of Technology, Guwahati

Reviewed papers submitted in several research journals.

## ■ SABYASACHI KAR

Associate Editor, *Indian Growth and Development Review*.

Associate Editor, *Journal of South Asian Development*.

Life Member, Indian Econometric Society.

Module Coordinator (Thematic Module 6) of the Indo-German International Centre of Advanced Studies (ICAS:MP).

Honorary Senior Research Fellow, University of Manchester, UK.

■ **VEENA NAREGAL**

Member, Editorial Board, *Indian Theatre Journal*.

■ **BASANTA K. PRADHAN**

Member, American Economic Association, USA.

Member, Royal Economic Society, UK.

Member, Association of Environmental and Resource Economists, USA.

Life Member, Indian Econometric Society.

Life Member, Indian Economic Association.

Member, Technical Resource Group—Research & Development, National Aids Control Organization, Ministry of Health, Government of India (from 2008 till 2017).

Member, Editorial Advisory Board, Cambridge Scholars Publishing, UK.

Member, Editorial Advisory Board, *Journal of Quantitative Modeling*.

Member, Editorial Board, *Open Journal of Economics and Commerce*.

■ **PRAVAKAR SAHOO**

Academic Referee for *The World Economy*; *Review of Income and Wealth*; *Economic Systems*;

*The Manchester School*; *Economic Change and Restructuring*; *Journal of Quantitative Economics*;

*Margin: Journal of Applied Economic Research*; Indian Council for Research on International Economic Relations working papers, M.Phil. and Ph.D. dissertations.

■ **C.S.C. SEKHAR**

Honorary Director, Agricultural Economics Research Centre, University of Delhi.

■ **SURESH SHARMA**

Treasurer, Indian Association for Population Study (2016–19).

■ **RUBY ALAMBUSHA SINGH**

Member, Indian Sociological Society.

Member, Rajasthan Sociological Society.

Member, Indian Association for the Studies of Population.

■ **SANJAY SRIVASTAVA**

Member, Editorial Board, *Urban Geography*.

Member, Editorial Advisory Board, *Contributions to Indian Sociology*.

Member, Editorial Board, *Culture, Society and Masculinities*.

Member, Editorial Board, *South Asia: Journal of the South Asian Studies*.

Member, Editorial Board, *Identities: Global Studies in Culture and Power*.

Member, Editorial Board of the monograph series 'Exploring Urban Change in South Asia', Springer.

Member, Editorial Board, Routledge International Encyclopaedia of *Men and Masculinities*.

External Member, School Board of the School of Gender and Development Studies, Indira Gandhi National Open University, Delhi.

Member of the Academic Council, The Sarala Birla University of Ranchi.

Advisor, research project on 'Dynamics of Poverty, Inequality and Violence in Indian Cities: Towards Inclusive Planning and Policies', CEPT University, Ahmedabad and Institute for Human Development, Delhi. Funded by IDRC, Canada.



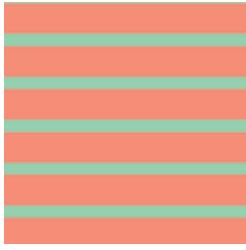


MEETING OF THE RESEARCH ADVISORS TO AERU/Cs, AUGUST 5, 2017



# 7

## Faculty: Other Academic Contributions, Lectures, Trainings, Conferences



### ■ AMITA BAVISKAR

Presented a paper titled 'Street Food and the Art of Survival: Migrants and Places in Delhi', at the 'CityFood Symposium: A Political and Cultural History of Street Vending', New York University, April 6, 2017.

Gave an illustrated talk titled 'First Garden of the Republic: Nature on the President's Estate' at the India International Centre, Delhi, April 26, 2017.

Gave a talk on 'Environmental Justice and People's Movements' at the Goethe Institute, Chennai, May 1, 2017.

Presented a paper titled 'Contested Spaces: Cities, Citizenship and Sustainability in India' at the India-China conference on 'Environmental Humanities in Asia: Environmental Justice and Sustainable Citizenship', Duke Kunshan University, May 22-24, 2017.

Gave a lecture titled 'Industrial Foods and Cultural Identities in India' at Somerville College, Oxford, June 13, 2017.

Delivered a keynote address titled 'Agrarian Distress and Environmental Risk' at the workshop on 'Cauvery Delta: Investigating the Vulnerability of Land, Water and People', Madras Institute of Development Studies, Chennai, July 11, 2017.

Gave a lecture on 'Industrial Foods and Cultural Identities in India' at the Centre for Policy Research, Delhi, August 24, 2017.

Presented a paper on 'Urban Jungles: Wilderness, Parks and their Publics in Delhi' in the 'Natures' colloquium series, Department of Anthropology, University of Pennsylvania, October 9, 2017.

Gave a talk on 'Consumer Citizenship: The Social Life of Industrial Foods in India' as part of the 'Urban Foodshed' exhibit, Seoul Biennale of Architecture and Urbanism 2017, October 21, 2017.

Participated in a keynote conversation on 'Culture, Food and Health' at the Environmental Justice Conference 2017 organised by the Sydney Environment Institute, University of Sydney, November 8, 2017.

Gave a keynote address titled 'Waterscapes: The Shifting Streams of Indian Environmental Politics' at a conference on 'Watersheds' organised by the Centre for the Study of the Inland, La Trobe University, and Thesis 11, Melbourne, November 28, 2017.

Gave a lecture titled 'Socio-nature and its Limits: The River Yamuna in Delhi' for the refresher course on 'Social and Gender Dimensions of Urban River Restoration', organised by the Madras

Institute of Development Studies and the Institute for Housing and Urban Development Studies, The Netherlands, in Chennai, December 15, 2017.

Gave a lecture on 'Critical Approaches to Large Dams' in the Programme on Water Science and Policy at the Centre for Public Affairs and Critical Theory (C-PACT), Shiv Nadar University, January 2, 2018.

Chaired and moderated four sessions on environmental and rural issues at the Jaipur Literature Festival 2018. January 26-28, 2018.

Gave a talk on 'Ecology and Equity: Understanding and Action' to participants in the Indian Leaders for Social Sector programme of the Indian School of Development Management, Delhi, February 1, 2018.

Participated in a panel discussion on 'The Anthropocene' organised by the Institut Français de Pondichéry at Alliance Française, Delhi, February 5, 2018.

Participated in a panel discussion at the launch of the *India Inequality Report 2018*, organised by Oxfam India, Delhi, February 22, 2018.

Delivered the Soli Sorabjee Lecture in South Asian Studies on "We Are Enjoying Only": Food and Fun in Liberalizing India' at Brandeis University, Boston, March 22, 2018.

Participated as a discussant for a workshop on 'Mazaa: Theorizing Fun, Pleasure and Play in India' at Brandeis University, Boston, March 23, 2018.

### Visiting Assignments

Visiting Fellow at the Oxford India Centre for Sustainable Development, Oxford University. June 1-16, 2017.

Hughes Fellow, Center for South Asian Studies, University of Michigan, Ann Arbor. March 15-April 30, 2018.

### ■ SANGEETA CHAKRAVARTY

Gave lectures on Time Series Analysis at the international training programme for officers of the Center for Bhutan Studies.

### ■ SAMIK CHOWDHURY

Delivered a lecture in the Certificate Programme on Public Policy and Governance for officers of the Comptroller and Auditor General, Government of India at O. P. Jindal Global University, Sonapat, April 4, 2017.

Delivered a lecture in the Certificate Programme on Public Finance and Budgeting for the officers of the Comptroller and Auditor General, Government of India at O.P. Jindal Global University, Sonapat, June 21, 2017.

Delivered a lecture in the Training Programme for Indian Economic Services Trainee Officers, Institute of Economic Growth, Delhi, February 2, 2018.

Delivered a lecture in the Probationary Training of Indian Statistical Service Officers, Institute of Economic Growth, Delhi, February 15, 2018.

## ■ SAUDAMINI DAS

Gave a lecture titled ‘Impact Evaluation of Public Policy and Use of Difference-in-Differences (DID) Technique’ to MA students of the University of Petroleum and Energy Studies, Dehradun, April 11, 2017.

Gave a lecture titled ‘Applying DID in Climate Change Adaptation Research’, to MA students of the University of Petroleum and Energy Studies, Dehradun, April 11, 2017.

Gave a lecture titled ‘Econometric Modelling of Count Data’ to MA students of the University of Petroleum and Energy Studies, Dehradun, April 12, 2017.

Gave a lecture titled ‘Estimating Count Models in Environmental Research: STATA Exercises’ to MA students of the University of Petroleum and Energy Studies, Dehradun, April 12, 2017.

Presented a paper titled ‘Institutional Capacity Building, Social Heterogeneity, and Evacuation Behavior: Cyclone Management in India’ at the workshop on ‘Adapting to Climate Change: Actions, Implementations, and Outcomes’, University of Notre Dame, Indiana, April 30, 2017.

Presented a paper titled ‘The Impact of Upstream Mining and Industrial Activities on Mangroves and Ecological Diversity of Bhitarkanika Wild Life Park’ at the Nineteenth Meeting of the National Coordination Body, Mangroves for Future, Delhi, September 13, 2017.

Presented a paper titled ‘Mangrove Plantation and Coastline Changes: Does Planting Mangroves Reduce Erosion?’ at the International Society for Ecological Modelling Global Conference 2017, Jeju Island, South Korea, September 20, 2017.

Presented a paper titled ‘Measuring Welfare Implications of Extreme Weather Events Like Heat Waves in India’ at the 11<sup>th</sup> Environment for Development (EfD) Annual Meeting, Addis Ababa, October 27, 2017.

Presented a paper titled ‘Institutional Capacity Building, Social Heterogeneity, and Evacuation Behavior: Cyclone Management in India’ at the 11<sup>th</sup> Environment for Development (EfD) Annual Meeting, Addis Ababa, October 27, 2017.

Organised a panel discussion on ‘Green Financing in India’ during the INSEE conference at KILA, Thrissur, November 9, 2017.

Gave the keynote address titled ‘Ecosystem Services Approach for Sustainable Natural Resource Management’ at the National Seminar on Sustainable Management of Natural Resources, Department of Economics, Ravenshaw University, Cuttack, November 25, 2017.

Presented a paper titled ‘The Impact of Upstream Mining and Industrial Activities on Mangroves and Ecological Diversity of Bhitarkanika Wild Life Park’, at the International Union for Conservation of Nature (IUCN) Mangroves for the Future (MFF) and Integrated Coastal Zone Management (ICZM) Programme, Odisha Dissemination Workshop on ‘Mangroves for the Future: Bhitarkanika, Odisha’, Bhubaneswar, December 8, 2017.

Organised and conducted ‘Measuring Impacts—Difference-in-Differences and Randomized Control Trial’, Training Course on Research Methodology in Social Sciences, Council for Social Development, Delhi, December 20, 2017.

Organised and conducted ‘Methodological Aspects in Conducting Impact Evaluation Studies’, Training Course on Research Methodology in Social Sciences, Council for Social Development, Delhi, December 20, 2017.

Organised and conducted NABARD Chair Seminar on ‘Restored Ecosystem and Rural Livelihood’, Institute of Economic Growth, Delhi, March 8–9, 2018.

## ■ PURNAMITA DASGUPTA

Presented a paper titled 'Sustainable Development, Livelihoods and Poverty, Findings from the IPCC, AR5', Kathmandu, April 11-13, 2017.

Panelist, Annual Learning Review, CARIAA, Kathmandu, May 3-6, 2017.

Invited expert, workshop on 'Developing a Common Vulnerability Framework', Indian Institute of Science, Bangalore, June 19, 2018.

Panelist, roundtable discussion, 'Carbon Markets: Prospects and Potential for India', CEEW and EDF, Delhi, July 10, 2017.

Presented a paper titled 'Climate Change and Adaptation' at the workshop on Climate Change and Sustainability: State of Science in India, Indian Institute of Science, Bangalore, August 2017.

Presented a paper titled 'Socio-Economic Implications of Climate Targets' at the 8th Annual Conference on Climate Change, Tata Institute of Social Sciences, Mumbai, August 2017.

Presented a paper titled 'From Traditional Fuels to LPG & LED Use: Policy Instruments for a Sustainable Transition' at the 4th Indo-Swiss Joint Seminar in the Social Sciences, Basel, September 2017.

Presented a paper titled 'Ecosystem Services' at Himalaya Diwas, a state-level event, Government of Uttarakhand, September 2017.

Panelist, 'Water-Energy-Food in South Asia: From Concept to Practice', South Asia Regional Knowledge Forum, Australian Department of Foreign Affairs and Trade, Kathmandu, September 2017.

Panel, 'Sustainable Landscapes—Market Issues', Conference on Sustainable Landscapes and Forest Ecosystems: Theory to Practice, USAID and Ministry of Environment, Forest and Climate Change, Delhi, September 2017.

Gave a lecture titled, 'Economics of the Environment: Climate Change and Terrain' at the 52<sup>nd</sup> Refresher Training Programme in Economics, Academic Staff College, Jawaharlal Nehru University, Delhi, September 15, 2017.

Gave a lecture titled 'Economic Valuation of Water' in a course on Water and Ecosystem services, Shiv Nadar University, Noida, October 2017.

Invited Expert, Meeting on Preparedness of India's BUR 2, Ministry of Environment, Forest and Climate Change, Delhi, October 12, 2017.

Presented a paper titled 'Climate Change: IPCC AR5 Findings' at St Thomas College, Thrissur, November 8, 2017.

Panelist, 'Understanding Climate Change: Science, Adaptation and Mitigation: Findings from IPCC AR5', INSEE Biennial Conference, Kerala Institute of Local Administration, Thrissur, November 8, 2017.

Presented a paper titled 'Climate Change: IPCC AR5 Findings' at Amrita University, Coimbatore, November 9, 2017.

Gave a talk on 'Economic Aspects of Sustainability Indicators' in "Growth versus Environment: Metrology is the Key", Foundation Day seminar of National Physical Laboratory, January 4, 2018.

Gave a talk on 'Economic Valuation of Ecosystem Services', in "Assessing Ecosystem Services in Forest Mosaic Landscape", IFS Officers Training Programme, IBRAD, Kolkata, January 18, 2018.

Gave a lecture titled 'Ecosystem Services and their Value' at the National Training Programme on Natural Resource Accounting, The International Centre for Environment Audit and Sustainable Development (iCED), Jaipur, February 5, 2018.

Invited Expert, Meeting for National GHG Inventory for BUR, Ministry of Environment, Forest and Climate Change, February 8, 2018.

Presented a paper titled 'Policy Instruments for a Sustainable Transition to Clean Cooking Fuels in India' at the workshop on 'Well Being and Social Welfare in 21<sup>st</sup> Century India', Tata Institute of Social Sciences, Mumbai, February 12, 2018.

Invited Expert and Chair, 'Equity and Sustainable Development' at the workshop on Operationalising Equity in the Paris Agreement, Tata Institute of Social Sciences Climate Centre, Mumbai, February 19, 2018.

Invited Expert, roundtable on 'Sustainable Development, Uncertainties, and India's Climate Policies', CEEW, February 21, 2018.

Invited Expert/Discussant, National Workshop on 'Climate Change and Air Pollution: Co-benefits of Black Carbon Control', Ministry of Environment, Forest and Climate Change, New Delhi, February 21, 2018.

Chair, Discussant, Session on 'Sustainable Innovation and Health', Conference on 'Innovation: Inclusive Growth, Technological Change and Job Creation, Department of Business Economics, South Campus, University of Delhi, March 1, 2018.

Panelist, 'Energy Access' in Linking Climate and Development Policies Workshop, Cd-Links, TERI and IIASA, New Delhi, March 19, 2018.

Panelist, 'Market Based Policy Instruments for Climate and Air Pollution', MacArthur Foundation, Bangalore, March 22, 2018.

Invited Expert, 'Dialogue on Modelling for Low-Carbon Economy', GIZ and European Commission, March 23, 2018.

## ■ VIKRAM DAYAL

Coordinated IES Officer Trainees Programme at IEG.

Taught quantitative economics and taught and coordinated the public economics course in the IES Officer Trainees Programme at IEG.

Gave two lectures in the Probationary Training of Indian Statistical Service Officers, February 2018.

Main faculty in the INSEE Workshop on R for Ecological Economics, New Delhi, March 16-17, 2018.

Gave lectures in the course Environmental and Ecological Economics, School of Human Ecology, Ambedkar University, Delhi, April 2018.

Discussant in DSE Winter School, December 14, 2017

Discussant in NABARD Chair Seminar on Restored Ecosystem and Rural Livelihood, IEG, March 9, 2018.

## ■ OINDRILA DE

Teaching Public Utilities Regulation and International Trade in the Training Programme for IES Probationers.

## ■ NILABJA GHOSH

Participated in the discussion of DAC&FW's proposed programme on Space Technology for Agriculture, Vistar Sadan Complex, Pusa Campus, New Delhi, April 25, 2017.

Submitted report to Ministry of Consumer Affairs, Food & Public Distribution, Department of Consumer Affairs (MoCAF&PD) and presented a paper titled 'Forecasting Prices of Select Pulses in Growing States 2017 April-Aug: Expected Bounds' at the Meeting of Inter-Ministerial Committee to review the prices of essential commodities held under the Chairmanship of Secretary (Consumer Affairs), Krishi Bhawan, New Delhi, May 23, 2017.

Presented a paper titled 'Early Season Forecasting of Crops by Econometric Model' at FASAL Review workshop, at Krishi Vistar Sadan Complex, Pusa Campus, New Delhi under the Chairmanship of the Senior Economic and Statistics Advisor, Directorate of Economic and Statistics, Ministry of Agriculture & Farmers Welfare, May 25, 2017.

(with Richard Nehring, Jonathan McFadden, V. Eldon Ball, Nilabja Ghosh, Yu Sheng, David Marquardt and Thomas Reinsch) Presented poster on 'Constructing Rigorous Relative Price Indices of Agricultural Land in the Developed and Developing World', at the Agricultural & Applied Economics Association (AAEA) Annual Meeting, Chicago, 30 July to 1 August 2017.

Presented a paper titled 'FASAL Econometric Model: Experimental Model for Horticulture Crops' at Brainstorming Workshop to Develop Yield Models for Horticultural Crops under CHAMAN Project, Mahalanobis National Crop Forecast Centre, August 18, 2017.

Presented a paper in the seminar on 'FASAL Econometric Model: Application for Early Season Forecasting of Crops', Institute of Economic Growth, Delhi, October 13, 2017.

Gave a lecture on 'Risk and Insurance' at state level training of investigators for Longitudinal Ageing study in India (LASI), Phase-I for Himachal Pradesh and Uttarakhand, Institute of Economic Growth, Delhi, October 26, 2017.

Presented a paper in the seminar on 'The Dynamics of MGNREGA: Success or Dependence', University of Calcutta, November 13, 2017.

Presented a paper titled 'Inter-sectoral Integration for Food and Nutrition Security: A Cooperative Approach' at ICIMOD's International Conference on 'Resilient Hindu Kush Himalaya', Kathmandu, December 3-6, 2017.

Gave a lecture on 'Early Season Crop Forecasting for Timely Planning of Agriculture' at the CAFT training programme at ICAR-IASRI, New Delhi, December 20, 2017.

Presented a paper titled 'Dynamics and Revival of Fallow Land in India' at the National Conference on Agro-Economic Research, Institute of Economic Growth, New Delhi, January 30-31, 2018.

Chaired a session in a two-day workshop on 'Economics of ICTs (Information and Communication Technologies): Transformation, Digital Divides and Development', Banquet Hall, Maiden Hotel, Delhi and organised by Centre for Development Economics, Delhi School of Economics-Norwegian Institute of International Affairs (NUPI) Centre for Technology, Innovation and Culture (TIK), University of Oslo, February 22-23, 2018.

Chaired a session in the workshop on 'Reflections on India's Development: Employment, Education, Empowerment and Health', organised by National Institute of Labour Economics Research and Development in collaboration with International Labour Organization, India Habitat Centre, New Delhi, March 15-16, 2018.

Chaired a session in a Research Methodology Workshop on 'Livelihood, Health, and Well-being of Marginalized Groups in India', Institute of Economic Growth, Delhi, March 27, 2018.

### ■ INDRANI GUPTA

Delivered a lecture titled 'Urbanization and Health', Lady Shri Ram College, New Delhi, April 13, 2017.

Delivered a lecture titled 'Health Financing and Policy', Ashoka University, Sonapat, October 9, 2017.

Delivered a lecture titled 'Health Financing and Health Coverage for Improved Access to Health Services: Issues and Concerns' to students under Duke University Semester Programme, ARTH, Udaipur, October 13, 2017

Delivered a lecture titled 'Why Focus on the Elderly' for Trainees under Longitudinal Ageing Study in India (LASI), Phase-I for Himachal Pradesh and Uttarakhand, Institute of Economic Growth, November 6, 2017.

Health Financing and Policy in the Context of Universal Health Coverage. Workshop for State Legislators. National Institute of Public Finance and Policy, Delhi, November 15, 2017.

Keynote speaker in the Technical Session on Fiscal Space, Universal Health Coverage Day, World Health Organization/Ministry of Health and Family Welfare, December 12, 2017.

Delivered a lecture titled 'Health Coverage and Social Security', International Training on Management of Social Security Systems, Pandit Deendayal Upadhyaya National Academy of Social Security, Delhi, December 16, 2017.

Delivered a lecture titled 'Health Economics and Policy', Maulana Azad University, Jodhpur, February 8, 2018.

Gave a talk on the National Health Protection Scheme at the Post-Budget Conference organised by Confederation of Indian Industry and Institute of Economic Growth, February 14, 2018.

Gave a talk to Members of Parliament titled 'Financing Health Care in India', Constitution Club, New Delhi, March 14, 2018.

### ■ BRAJESH JHA

Delivered a lecture titled 'Rural Transition and Development' for Indian Statistical Service Officers, Institute of Economic Growth, February 27, 2018.

Presented a paper titled 'Inequality of Investment in Agriculture' in the National Seminar on Challenges of Growing Inequality in India, organised by Council for Social Development, India International Centre, New Delhi, July 14-15, 2017.

Organised a Meeting of Research Advisory Committee (RAC) and presented work of Agriculture Economic Research Unit (AERU), IEG to the RAC members and others, August 5, 2017.

Organised and presented at the Agriculture Economics Research Unit/Centres (AERU/Cs) Directors' Workshop, August 25, 2017.



Organised training of AERU/Cs Research Staff in field level data collection with the help of Mobile, Computer Assisted Programmed Interview (CAPI) Workshop, October 4–6, 2017.

Presented a paper titled ‘Rapid Assessment of Natural Resource Management Component under MGNREGA and its Impact on Sustainable Livelihoods’ to the Ministry of Rural Development (MORD), July 21, 2017 and November 27, 2017.

Organised a national conference on ‘Agro-Economic Research’, January 30–31, 2018.

Presented a paper titled ‘Evaluation of Market Intervention and Price Support Scheme’ at the National Conference on Agro-Economic Research, Institute of Economic Growth, January 30–31, 2018.

Presented a paper titled ‘Litchi Production and Marketing in Bihar and India’ at the National Conference on Agro-Economic Research, Institute of Economic Growth, January 30–31, 2018.

Presented a paper titled ‘What does Secondary Data Inform about Farmers Income?’ at the National Conference on Agro-Economic Research, Institute of Economic Growth, January 30–31, 2018.

Presented a paper with Anita Kumari titled ‘Growth and Investment in Agriculture’ at the National Conference on Agro-Economic Research, Institute of Economic Growth, January 30–31, 2018.

## **WILLIAM JOE**

Presented paper titled ‘Beyond Life Expectancy at Birth: A Cross-country Analysis of Convergence and Disparities, 1950–2015’, Harvard University, USA, September 29, 2017.

Organised training module on ‘Micro-and Macro-Economic theory’ for the Probationary Officers, Indian Statistical Service (ISS), funded by NSSTA, Ministry of Statistics and Programme Implementation, Institute of Economic Growth, February 2018.

## **Visiting assignment**

Visiting Scientist, Department of Social and Behavioral Sciences, Harvard T.H. Chan School of Public Health, Harvard University, Boston, United States. February to September 2017.

## **■ SABYASACHI KAR**

Organised seminars at IEG as the Seminar Convenor.

Organised international workshop on ‘Political Economy of Sub-National Regions: Comparative Studies of Indian States’ jointly with Centre for Studies in Social Sciences, Kolkata in January 2018.

Presented paper titled ‘*De Jure* Rules Meets *De Facto* Deals: The Political Economy of Business-State Relations in Indian States’ at the conference on Political Economy of Sub-National Regions: Comparative Studies of Indian States, organised by Centre for Studies in Social Sciences and ICAS:MP at Kolkata in January 2018.

Participated as Panel Discussant in the ESRC Global Poverty & Inequality Dynamics Network Workshop, London, March 2018.

## **■ ARUP MITRA**

Organised workshop on ‘Reflections on India’s Development: Employment, Education, Empow-



erment and Health', National Institute of Labour Economics Research and Development and International Labour Organization, India Habitat Centre, New Delhi, March 15–16, 2018.

## ■ VEENA NAREGAL

### *Workshop/Conference Organised*

Convenor, ICAS-IEG workshop for Thematic Module 1, History as Political Category on Language, Region, Knowledge: Colonial Disciplines to Indian Social Sciences, May 4–5, 2017.

### *Paper presented in the Workshop/Conference/Seminar*

Presented a paper titled 'Translating Political Economy in Mid-Nineteenth century Bombay-Pune', Mountstuart Elphinstone: Colonial Knowledge, National Histories, Regional Realities, Bombay, April 20–21, 2017.

Presented a paper titled 'Translation and the Indian Social Sciences' at the ICAS-IEG Workshop, Language, Region, Knowledge: Colonial Disciplines to Indian Social Sciences, May 4–5, 2017.

'Metamorphoses of the Vernacular/s: Writing the Political as History', ICAS workshop, German Historical Institute London, June 9, 2017 (unable to travel because of visa issues).

'Academic, Regional, Vernacular: Historical Demarcations and the Indian Social Sciences', School of Asian and African Studies, London, June 14, 2017 (unable to travel because of visa issues).

'Regional Theatre Histories as Cultural Archive', UGC-funded National Seminar on Archives and Archiving, Department of History, Savitribai Phule University of Pune, August 22–24, 2017.

Invited resource person for training programme on Longitudinal Aging Study in India, Phase 1, Lecture on Family, Social Network and Well-being of Older Adults and Welfare Programs in India, Institute of Economic Growth, November 3, 2017.

## ■ BASANTA K. PRADHAN

Presented a paper with J. Ghosh titled 'The Role of Coal Cess and Technological Change in Achieving Low Carbon Growth in India' at the International Conference on Energy Finance, Yuquan Campus of Zhejiang University, Hangzhou, May 25–27, 2017.

Presented a paper titled 'ODISHA Perspective Plan 2036–37' at NCDS, Bhubaneswar, June 16, 2017.

The paper 'Climate Change Mitigation Policies vs. Productivity Shocks in a Dynamic CGE Modeling Framework: The Case of a Developing Economy' (with J. Ghosh) was accepted for oral presentation at the International Society for Ecological Modelling Global Conference 2017, JeJu Island, South Korea, September 17–21, 2017.

Commentator at the round table on 'NCAER-JICA Consultation on JICA Country Analysis Paper 2017', National Council of Applied Economic Research, New Delhi, December 13, 2017.

Presented a paper titled 'Fiscal Scenario in Punjab: Past Trends, Future Prospects, and Challenges' at NITI Aayog, New Delhi, March 15, 2018.

Presented a paper titled 'CGE Modelling' at the "Expert Dialogue on Modelling for Low-Carbon Economy" organised by the European Commission and the European Delegation to India, New Delhi, March 23, 2018.

### ■ C.S.C. SEKHAR

Taught Applied Econometrics to probationers of Indian Economic Service.

Organised workshop on 'Concurrent Evaluation of National Agricultural Development Programme', Institute of Economic Growth, Delhi, May 4–6, 2017.

Participated in a panel discussion on 'Agricultural Growth and Farmers' Well-being: Shall the Twain Meet?' India International Centre, New Delhi, May 5, 2017.

Presented a paper titled 'Food Security of the Elderly' at the National Conclave on Financial Inclusion of Persons with Disabilities in India, Society for Disability and Rehabilitation Studies-SDRS, New Delhi, May 25, 2017.

Presented a paper titled 'Measuring Food Price Volatility and Impact of International Markets' at the Food and Agriculture Organization–Ministry of Agriculture and Farmers' Welfare Workshop on Agricultural Markets, Prices and Market integration in India—Conceptual and Methodological Issues, New Delhi, August 21, 2017.

Presented a paper titled 'Agricultural Market Integration of Select Commodities in India' at the Food and Agriculture Organization–Ministry of Agriculture and Farmers' Welfare National Meeting of Experts on Agricultural Markets, Price Data Visualization and Early Warning System, New Delhi, September 11–12, 2017.

Presented a paper titled 'Identification of Major Agricultural Markets for Price Monitoring in India' at the Food and Agriculture Organization–Ministry of Agriculture and Farmers' Welfare National Meeting of Experts on Agricultural Markets, Price Data Visualization and Early Warning System, New Delhi, September 11–12, 2017.

Presented a paper titled 'Climate Change and Rice Economy in Asia: Implications for Trade Policy' at the International Technical Conference on Climate Change, Agricultural Trade and Food Security, Food and Agriculture Organization, Rome, November 15–17, 2017.

Gave guest lectures on 'Markets and Price Formation Issues for PGP-FABM' to students at Indian Institute of Management, Ahmedabad, February 2, 2018.

Chaired the session on 'Climate Change, Food Security and Sustainable Development' in the National Seminar on Climate Change Mitigation, Adaptation and Sustainable Development, Department of Economics, Jamia Millia Islamia, New Delhi, March 14–15, 2018.

### ■ PRAVAKAR SAHOO

Taught and coordinated the course on Macroeconomics to Indian Economic Service Officers, January to May 2018.

### *Visiting Assignment*

Visiting Professor, University of Saitama, Japan from May 2017 to June 2017.

### ■ SANJAY SRIVASTAVA

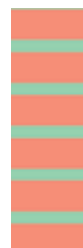
Presented a paper titled 'Sexualities and Cultures' at the Research Network for Feminist Engagements with Law and the State, Delhi University Political Science Department, UGC CAS-SAP National Seminar on 'Problematizing Sexuality and Violence: Deconstructing Institutions, Norms and Narratives', August 23, 2017.

Presented a paper titled 'Urban Spatial Politics: Sociality, "Transparency" and Ideas of "Community"' at the conference 'From "Lava Jato" to "Notebandi": Discourses on Corruption—Interdisciplinary and Intercultural Perspectives', Max-Weber-Kolleg of the University of Erfurt, Germany, October 12, 2017.

Invited to present a paper titled 'New Urbanism and Post-nationalism: Reflections on the Nature of "The Citizen" in a Time of Consumerist Modernity' at the University of Goettingen, Germany, October 25, 2017.

Invited to present a paper titled 'Class and Narratives of Transparency, Corruption and Community in Delhi', Department of Sociology, Central European University, Budapest, October 30, 2017.

Invited to present a paper titled 'Sociality, Community, Transparency and Ideas of Community in Delhi and Gurgaon', Centre for the Advanced Study of India, University of Pennsylvania, November 18, 2017.







## Honorary Professors



### ■ T.N. MADAN

#### *Paper Published in Journals and Edited Volumes*

'Buddhism, World Religion: An Introductory Essay', in Gananath Obeyesekere, *The Buddha in Sri Lanka: Histories and Stories*. London: Routledge, 2018.

'Mahatma Gandhi, B.R. Nanda, and the Historians: An Introductory Essay', in Naren Nanda (ed.), *Gandhi's Moral Politics*. London: Routledge, 2018.

(with Adrian C. Mayer) From the Archive: 'Transition to *Contributions to Indian Sociology* (New Series)', in *Contributions to Indian Sociology*. 52 (2): 212–229.

### ■ C.H. HANUMANTHA RAO

#### *Book Forthcoming/In Press*

*From Marxism-Leninism to Nehruvian Socialism: Some Memoirs and Reflections on Inclusive Growth*. New Delhi: Academic Foundation, 2018.



# 9

## Professors on Project



### ■ BINA AGARWAL

#### *Completed Projects and Studies*

'Gender and Group Farming in Kerala: The Kudumbashree Experience', funded by Kerala State Poverty Eradication Mission under NRLM, initiated on April 2012, final report submitted in July 2017.

#### *Ongoing Projects and Studies*

1. 'Group Farming and Collective Action: Does the French Model Hold Lessons for Indian and French Farming Futures?' Funded by CEFIPRA, The Indo-French Centre for the Promotion of Advanced Science, initiated in September 2015.

To revive agriculture and promote sustainable livelihoods and food security, we need institutional innovation—one that will help small farmers overcome production constraints, adopt new technologies, tap market opportunities and tackle climate change. Can a group approach, with resource pooling and cooperation among smallholders, provide an answer? This project, built on the interface of science and social institutions, uses a cross-learning approach to study the potential of group farming, which has taken different forms in France and India. In particular, it seeks to research the long-tried (but little studied) French model of GAECs through a primary survey and data analysis, to identify the factors underlying its success and sustainability, and to evaluate what features could be adapted creatively in India to strengthen and expand existing initiatives here. The PIs ongoing research on group farming in India will provide comparative lessons for theory and practice.

2. 'Institutional Innovations, Gender, and the Economy', funded by The International Balzan Prize Foundation. Initiated in January 2018.

#### *Papers Published in Journals and Edited Volumes*

(with A. Agarwal) 'Do Farmers Really Like Farming? Indian Farmers in Transition', *Oxford Development Studies*. 45(4), 2017.

'Environmental Sustainability and Gender Equality: The Perils of Ignoring the Synergies', *Environmental Scientist*. September 2017, pp. 56–59.

'Can Group Farms Outperform Individual Family Farms? Empirical Insights from India', *World Development*. 108: 57–73, 2018.

'The Challenge of Gender Inequality', *Economia Politica*. 35: 3–12, 2018.

### Papers Accepted for Publication

'Gender Equality, Food Security and The Sustainable Development Goals', *Current Opinion on Environmental Sustainability*.

### Working Papers, Internationally Published

'Does Group Farming Empower Rural Women? The Indian Experience', Discussion Paper No. 20, UN Women, New York, December 2017.

(with Bruno Dorin) 'Group Farming in France: Why are Some Regions More Conducive to Cooperation than Others?', GDI Working Paper 2017-013, University of Manchester, 2017.

### Articles in the Media

'Seeds of Discontent', *Indian Express*, June 15, 2017.

'Can we Unify Inheritance Law?', *Times of India*, September 19, 2017.

'The Everydayness of Harassment', *Manchester Magazine*, UK, Issue 9, Summer 2018.

'Maternity Benefits or Jobs?', *Indian Express*, July 12, 2018.

Participated in BBC World Service radio programme, *In the Balance*, on 'India's Farming Crisis', 2018.

### Honours, Professional Positions and Membership of Major Bodies

International Balzan Prize 2017, Balzan Foundation, Switzerland and Italy, 'for challenging established premises in economics and the social sciences by using an innovative gender perspective; for enhancing the visibility and empowerment of rural women in the Global South; and for opening new intellectual and political pathways in key areas of gender and development'.

Louis Malassis International Scientific Prize for an 'Outstanding Career in Agricultural Development', Agropolis Fondation, Montpellier, France 2017.

Order of Agricultural Merit (Officer), Government of France, 2017.

Awarded lifetime title of *IEA Fellow* by the International Economic Association. The title 'recognizes excellence in research publications and in research-driven contributions to popular writing, economics curriculum building and policy work', 2018.

Elected member of The World Academy of Sciences (TWAS), 2018.

Elected International member, Accademia dei Lincei, National Science Academy, Italy, 2017.

International Advisory Board member, ZEF (Center for Development Research, University of Bonn).

Board member, Axa Research Fund, Paris.

Member, IPES-Food, International Panel of Experts on Sustainable Food Systems.

Fellow, Human Development and Capability Association.

Fellow, Indian Association of Agricultural Economics.

Member, International Society for Ecological Economics.



Member, Indian Society for Ecological Economics, founding board member and life member.

Member, editorial boards of the following journals *Journal of Human Development and Capabilities* (New York); *Oxford Development Studies* (Oxford); *International Labour Review* (Geneva); *International Journal of Agricultural Resources, Governance and Ecology* (Oxford); *International Journal of Development Issues* (Australia); *Artha Vijnana* (Delhi); *Women and Politics* (Washington DC); *Indian Journal of Gender Studies* (Delhi); *Feminist Economics* (London, Houston).

### *Distinguished Lectures and Keynotes*

India Land and Development Conference, Keynote lecture, 'Land Access and Sustainable Livelihoods: Only Challenges or also Opportunities?' Special plenary session, India International Centre, April 5, 2017.

London International Development Centre, Keynote lecture, 'Intersecting Inequalities', April 27, 2017.

Embassy of France, Delhi. 'Rethinking the way we farm', lecture on the occasion of the award of the Order of Agricultural Merit, July 2017.

Borker Memorial Lecture on 'My Vision of India 2017 AD', India International Centre, Delhi, August 2017.

Saroja Devi Memorial Lecture, Indian Institute of Public Administration, December 2017.

### *Other Academic Lectures*

Presentation at author's book event on 'Gender Challenges: A Conversation with Bina Agarwal', International Labour Organisation and UN Women (South Asia), India Habitat Centre, April 10, 2017.

Presentation at author's book event on 'Agrarian Change, Property and Environment: Discussing *Gender Challenges* with Bina Agarwal', SOAS, University of London, April 28, 2017.

'Do farmers really like farming', Kings College London, September 2017

'What's Under the Pot? Rural Women and Cooking Energy in South Asia', Cambridge University, UK, October 2017

Public Lecture on 'Smallholder Farming: Can We Reshape the Future?' BRS, European Microfinance, Brussels, November 6, 2017.





10

## Fellows, Ph.D. Scholars and Affiliated Scholars



### ICSSR DOCTORAL FELLOWS

S. No.	Name of Fellow and Date of Registration	Title of Study	University/Supervisor	Supervisor/ Co-Supervisor at IEG
1	Parul Bhardwaj (July 24, 2014)	Impact of Monetary Policy: Macro and Firm-Level Evidence from India  (Degree awarded)	University of Delhi (South campus) Suresh Aggarwal	B.N. Goldar  (National Fellow and Former IEG Faculty)
2	Papiya Choudhuri (July 2013)	Gains from Short-Term Rural Employment Generation Programmes: A Study with Reference to Tripura	University of Calcutta  Snigdha Chakravarty	Nilabja Ghosh
3	Chakraverti Mahajan (January 18, 2008)	An Anthropological Study Exploring the Contours of Hindu-Muslim Relations in Jammu & Kashmir  (Degree awarded)	Dept of Anthropology, University of Panjab, Chandigarh  Abhik Ghosh	Amita Baviskar
4	Priti Gupta (May 10, 2013)	Poverty, Migration and HIV/ AIDS: A Health Economic Analysis of Uttar Pradesh-A District Level Case Study  (Thesis submitted)	Banaras Hindu University  Mrutyunjaya Mishra	B.K. Pradhan
5	Deepika Kandpal (October 20, 2014)	Essays on Social Status	Delhi School of Economics, University of Delhi  Dibyendu Maiti and Mausumi Das	Purnamita Dasgupta
6	Saroj Kumar (June 9, 2015)	Inequalities in Access to Maternal Health Care Services in Uttar Pradesh  (Thesis submitted)	Centre for Studies in Economics and Planning, Central University of Gujarat  Kshamanidhi Adabar	William Joe
7	Sunil Rajpal (June 13, 2016)	Population Ageing and Health in India: A State Level Analysis	CESP, Central University of Gujarat  Tulika Tripathit	William Joe
8	Sebanti Chatterjee (June 16, 2016)	Western Classical Music in Goa and Shillong: Exploring the Indigenous	Department of Sociology, University of Delhi  Roma Chatterji	Sanjay Srivastava
9	Emon Nandy (May 4, 2012)	Human Capital	Jawaharlal Nehru University  Saumen Chattopadhyay	Sabyasachi Kar

S. No.	Name of Fellow and date of Registration	Title of Study	University/Supervisor	Supervisor/ Co-Supervisor at IEG
10	Jagdish Sahu (June 1, 2015)	Foreign Investment Surges	Jawaharlal Nehru University Pradipta Chaudhury	Sabyasachi Kar
11	Debajit Jha (January 18, 2008)	Distribution Dynamics	Jawaharlal Nehru University Subrata Guha	Sabyasachi Kar
12	Yashobanta Parida (July 2, 2014)	Essays on Applied Development Economics	Jawaharlal Nehru University Mandira Sarma	B.N. Goldar (National Fellow and Former IEG Faculty)
13	Saumya Shukla (January 17, 2013)	The Economics of Green Buildings in India (Thesis submitted)	Department of Business Economics, University of Delhi Rashmi Agarwal	Purnamita Dasgupta
14	Guru Prakash Singh (June 9, 2014)	Changing Dynamics of Employment in Construction Industry: An Examination of Lewis Model in Gujarat State, India (Thesis submitted)	Central University of Gujarat Vinod Sen	Arup Mitra
15	Amrita Goldar (May 14, 2015)	Impact of Bilateral Investment Treaties on FDI Inflows: The Indian Case (Degree awarded)	CESP, Jawaharlal Nehru University C.P. Chandra Shekhar	C.S.C. Sekhar
16.	Bisla Rajoria (March 26, 2018)	Non-Farm Income: Determinants and Inequalities in Rural India	Punjab University, Chandigarh Seepana Prakasam	C.S.C. Sekhar
17	Vikas Kumar (June 26, 2015)	Agriculture Innovation System: A Study of System of Rice Intensification Patna District in Bihar (Degree awarded)	Central University of Gujarat, Gandhi Nagar Kunal Sinha	Amarnath Tripathi
18	S. Krithi (July 26, 2016)	Natural Resources Use and Sustainability: A Comparative Study of Two Districts in Rural India (Thesis submitted)	CESP, Jawaharlal Nehru University Abhijit Sen	Thiagu Ranganathan (Former IEG Faculty)
19	Jaspreet Kaur (March 20, 2010)	Women's Reproductive Tract Infection in Delhi Slums	Department of Anthropology, University of Delhi A.K. Kapoor	Suresh Sharma
20	Mohammad Sajjad Hussain (March 6, 2018)	Platform Economy and Labour	Department of Sociology, University of Delhi Nandini Sundar	Sanjay Srivastava
21	Masudul Hasan Adil (March 6, 2018)	The Demand for Money in India: Assessing the Role of Financial Innovation	Mumbai School of Economics & Public Policy, University of Mumbai Neeraj Hatekar	Pravakar Sahoo

## Ph.D. AND M.Phil. Scholars

No.	Name of Fellow and Date of Registration	Title of Study	University/Supervisor	Supervisor/ Co-Supervisor at IEG
1	Romit Chowdhury (August 5, 2014)	The Spaces of Everyman: Masculinities and the Contemporary City, Kolkata	University of Singapore Eric Thompson	Sanjay Srivastava
2	Shoshana Goldstein (August 1, 2012)	Urban Development in Gurgaon	Cornell University Neema Kudva	Sanjay Srivastava
3	Nehkhollen Haokip (December 24, 2012)	Effect of Financial Flows	Delhi School of Economics, University of Delhi Mausumi Das	Sabyasachi Kar
4	Yogesh Chandra Bhatt (July 2, 2010)	Economic Analysis of Biofuel Prospects using Classical and Bayesian Techniques with Implications for Food Security in India (Degree awarded)	University of Kumaun, Nainital Neeraj Tiwari	Nilabja Ghosh
5	Richa Joshi (December, 2015)	Polycentric Forest Governance: Impact of Multiple Local Institutions on Community Based Forest Management in Uttarakhand, India	Brown School of Social Work, Washington University Carolyn Lesorogol	Bina Agarwal
6	Ishita Sachdeva (July 24, 2015)	Policy Instruments to Achieve Energy Efficiency: A Case Study Approach for Residential Sector in India	Department of Business Economics, Delhi University Yamini Gupta	Purnamita Dasgupta
7	Shailly Barodia (February 4, 2017)	Masculinity and Schooling	Ambedkar University, Delhi Krishna Menon	Sanjay Srivastava

## AFFILIATED SCHOLARS

S. No.	Name of Fellow	Title of Study	University	Tenure	Contact Person at IEG
1.	Jane Elizabeth Lynch	Beyond 'Art' and 'Labor': Representing the Everyday Politics of Weaving in India	American Academy in Rome, Italy	January 2, 2017 to August 31, 2017	Amita Baviskar
2.	Devra Waldman	Sport, International Development, and Community (re)generation: Sport-focused Communities in India	University of British Columbia, Canada	March 30, 2017 to July 31, 2017	Amita Baviskar
3	Mart A. Stewart	Environmental History and Humanities in India	Western Washington University, Bellingham, WA	September 2017 to December 2017	Amita Baviskar
4	Miqdad Asaria	Market Failures and Government Failures in the Indian Healthcare System	Centre for Health Economics, University of York, United Kingdom	January 2018 to March 2018	Indrani Gupta
5.	Alice Tilche	Cultivating Art: The Cultural Policies of Indigeneity in Contemporary India	Department of Anthropology, London School of Economics and Political Sciences, London, UK	January 1, 2016 to January 1, 2018	Amita Baviskar



SEMINAR "ECOSYSTEM RESTORATION & LIVELIHOOD" BY NABARD CHAIR UNIT, IEG, DELHI, 8-9 MARCH, 2018



PANEL DISCUSSION ON "AGRICULTURAL GROWTH & FARMERS' WELL-BEING: SHALL THE TWAIN MEET"  
AT INDIA INTERNATIONAL CENTRE (IIC) ON MAY 5, 2017

# 11

## IEG Distinguished Lectures, Conferences, Workshops and Seminars



### ■ Workshops

National Workshop on 'Rashtriya Krishi Vikas Yojana: Performance and Prospects' held at IEG, May 4–6, 2017. Panel Discussion at India International Centre on May 5, 2017. Organised by C.S.C. Sekhar.

Workshop on 'Language, Region, Knowledge: Colonial Disciplines to Indian Social Sciences', held at IEG, May 4–5, 2017. Organised by ICAS: MP and Veena Naregal.

Workshop on 'Capacity Building for Computer Assisted Personal Interview (CAPI) System, held at IEG, October 4–6, 2017. Organised by Brajesh Jha.

Workshop on 'Priority Setting in the Health Sector: Practices and Possibilities for India', held at IEG, February 27, 2018. Organised by Indrani Gupta.

Research Methodology Workshop for SC/ST Research Scholars on 'Livelihood, Health and Well Being of Marginalized Groups in India, held at IEG, March 26–30, 2018. Organised by William Joe and Amarnath Tripathi.

### ■ Conference

National Conference on 'Agro-Economic Research', held at IEG, January 30–31, 2018. Organised by Brajesh Jha.

### ■ Seminars

International Seminar on 'Best Practices and Trends in Global Libraries', held at IEG, April 5, 2017. Organised by Society for Library Professionals.

Mohan Kumar Bera, 'Collective Efforts of People to Reduce Natural Disasters: A Study of the Sundarban Islands', July 14, 2017. Chaired by Amita Baviskar.

Amarnath Tripathi, 'Inflationary Impact of Mandatory Food Fortification in India: Evidences from Major Food Items, August 18, 2017. Chaired by C.S.C. Sekhar.

Basanta Kumar Pradhan 'Fiscal Scenario in Punjab: Past Trends, Future Prospects and Challenges', held at IEG, September 7, 2017. Organised by Basanta Kumar Pradhan.

Md. Hussain Kunroo, Central University of Rajasthan, 'Impact of Trade, Industrial Dissimilarity and FDI on the Business Cycle Synchronization of Euro-Zone Economies: Evidences from EC3SLS Panel Data Technique', September 15, 2017. Chaired by Pravakar Sahoo.



Kavita Sardana, Department of Policy Studies, TERI University, 'Tourists' Willingness to Pay for Restoration of Traditional Agro-Forest Ecosystems Providing Biodiversity: Evidence from India', September 29, 2017. Chaired by Saudamini Das.

Suresh Sharma, 'Will India and its States Achieve Sustainable Development Goal 3?: Role of National Health Mission, October 3, 2017. Chaired by Indrani Gupta.

Nilabja Ghosh, 'FASAL: Econometric Model and its Applications, October 13, 2017. Chaired by Arup Mitra.

Sourajit Aiyer, Editor, South Asia Fast Track, 'Can Bay of Bengal (BIMSTEC) be the next BRICS Opportunity for India?', November 03, 2017. Chaired by Sabyasachi Kar.

Yonas Alam, Department of Economics, 'Passive Learning and Incentivized Communication: A Randomized Controlled Trial in India on Adoption of Solar Lanterns', December 15, 2017. Chaired by Saudamini Das.

Ashok K. Mishra, Arizona State University, 'Benefits of Contract Farming in Developing Economies: Does Contractor Type and Farm Size Matter?', January 24, 2018. Chaired by Manoj Panda.

NABARD Chair IEG Seminar on 'Restored Ecosystem and Rural Livelihood', March 8-9, 2018. Organised by Saudamini Das.

### ■ Meeting

Panel Discussion on Post-Budget Economic Scenario at India International Centre, February 14, 2018 by the Director, IEG.

### ■ Training Programmes

Training Programme of Indian Statistical Service Officers on Basics of Micro and Macro Economic Theory, February 15-28 2018. Organised by William Joe and Amarnath Tripathi.

Training Programme for Trainers of Enumerators under ICSSR Project, March 11, 2018 at IEG by Amarnath Tripathi.

### ■ Book Launch

*Economic Growth in India and its Many Dimensions* (Orient BlackSwan) by K.L. Krishna and S.R. Hashim, January 3, 2018. Organised by Arup Mitra at IEG.





BOOK LAUNCH PROGRAMME: 'ECONOMIC GROWTH IN INDIA AND ITS MANY DIMENSIONS' EDITED BY ARUP MITRA (PUBLISHED BY ORIENT BLACKSWAN) LAUNCHED ON JANUARY 3, 2018 AT IEG



A POST-BUDGET CONFERENCE WAS ORGANISED IN COLLABORATION WITH CII ON FEBRUARY 14, 2018 AT INDIA INTERNATIONAL CENTRE, NEW DELHI



# 12 Infrastructure



## ■ LIBRARY

The Institute of Economic Growth's library was set up in 1958. The library comprises two floor stack halls, a large spacious and ventilated reading hall with excellent furniture and lighting system, a microfiche room and a retreat room (study carrel) for faculty and scholars in the stack hall. The first floor supports the teaching, research and extension programmes of the Institute. The library has a sound collection of reference material, books and monographs, conference papers, working papers, discussion papers, serials, magazines and periodicals, audio-visual materials and e-databases.

### (1) *Services:*

- Database Search Services – OPAC
- Bar-Coded Circulation Services
- Electronic Database Search Services – E-Databases
- Current Contents of Journals (Weekly) Alert Services
- Current Awareness Services/ New Arrivals (Weekly)
- Selective Dissemination of Information (SDI) Services
- Reprographic/Xeroxing Services
- Inter-Library Loan (ILL) Services
- DELNET Services

### (2) *Digitisation/Software Services:*

The IEG library has been upgraded and has fully computerised all its in-house operations using the LibSys7 software package that also provides web-based access to the online catalogue of the library. The library's bibliographic records can be accessed on the intranet to search by author, title, subject, keywords and publisher.

The library hosts the DSpace digital repository for its users, allowing them to view its digital contents on the intranet 24X7 within the campus of IEG. The digital repository contains the work of IEG faculty members and scholars published in journals, magazines, newspapers, book reviews, photographs, annual reports of the IEG, working papers and discussion papers of IEG, seminar and conference papers of IES Probationary Officers and others.

### (3) *Collections of books, back volumes of Journals/Periodicals, etc.:*

The library has a rich collection of 1,46,680 (untill March 31, 2017) accessioned documents (i.e., books, serials, magazines, journals, theses, annual reports, micro-documents, seminar papers, statistical reports, etc.) and 1,376 (untill March 31, 2017) accessioned digital audio-visual material. IEG is a depository institution for the publications of the World Bank

and International Monetary Fund. The library also receives all regular publications and serials (including data sources) of the Government of India and its subsidiary organisations. The database of resources available in the library is being updated on a day-to-day basis with details of recently acquired resources.

The library has a collection of approximately 1,500 titles of national and international scholarly periodicals and approximately 4,000 bound back volumes of journals.

- (4) *Subscription of Journals (national and international)*: The library receives 219 periodicals (national and international) on subscription/gratis and exchange basis.

In addition to the hard copy of the journals, the library has the facility of accessing online e-resources—ScienceDirect, Indiatat.com, JSTOR, EPWRF Database, Prowess Database along with entire set of DULS Database via <http://crl.du.ac.in/sub.database/SUBS.E-RESOURCE.htm>, and World Bank online. The basic data are now mostly available in soft version.

- (5) *New Additions*: Between April 1, 2016 and March 31, 2017, the library added the following to enrich its collection:

- Books, etc.—776
- Periodicals—219 titles (latest issues)
- Audio-Visual material—46 CD-Roms

## ■ COMPUTER UNIT

IEG's computer unit caters to about 170 users, including faculty members, supporting research staff, members of the administration, doctoral students, IES probationary officers and affiliated visitors. We have a large local area network (LAN) serviced by the HP BL460c G7 blade server. IEG also acquired a high-speed fiber link of the National Knowledge Network (NKN) over the University of Delhi's LAN system. It is also being used to access 100+ e-resources (journals, online databases, etc.). IEG's offices, hostel and the staff quarters are interconnected using wire and unified Wi-Fi systems. CCTV camera systems were fixed for security on the campus and a biometric attendance system was installed for effective supervision of personnel. The IES training room of the Institute is installed with modern training amenities such as Digital Podium, wireless PA system.

Faculty members and senior administrative staff are provided with PCs in their offices, connected with individual duplex/MFP laser printers. They are also provided laptops. Heavy-duty printing services are deployed in the computer unit, library and the accounts section of the Institute. Modern systems such as Digital Podium facilitate training programmes. IEG's software library has advanced application and econometric packages which cover MS Office, Adobe Acrobat EvIEWS 9.1, Limdep 7.0, Stata 14.0, Stella 5.0, Vensim 5.5 (DSS), GAMS 2.5, MFIT 5.0, MLwin, RATS 6.0, ArcGIS 10.1, etc. Network and online database such as Ace Equity, Prowess are also available.

The feature-rich IEG website uses CMS which allows the faculty, research units and administration to easily update their information. It also incorporates an online job portal, events manager and off-campus faculty login. The Audio-Visual Room of the Institute is equipped with VHF audio conferencing and can be used for web conferencing, live interviews, live presentations and demo programmes.

IEG is also recognised for its growing presence on social networking sites including Twitter, YouTube and Facebook. We have registered nearly 1,000+ followers on these accounts and 15,000+ connects on YouTube. Web-analytics reveal that Institute events have been watched on YouTube in 50+ countries across the world.

## ■ OFFICERS' HOSTEL

The IEG Officers' Hostel caters primarily to the needs of participants of various training courses and orientation programmes conducted by the Institute, such as probationers and serving officers of the Indian Economic Service, the Indian Audit and Accounts Service, and several others involving national and international institutions or donor agencies.

Depending on availability, IEG's project research staff, doctoral students, affiliated visitors, IEG and Delhi University faculty, IES alumni and guests can also stay in the hostel for limited periods.

The hostel is governed by a management committee chaired by the IEG director and convened by the warden, who is usually a senior professor of the Institute and responsible for the hostel's smooth functioning.

Professor C.S.C. Sekhar is currently the Warden of the IEG Officers' Hostel.





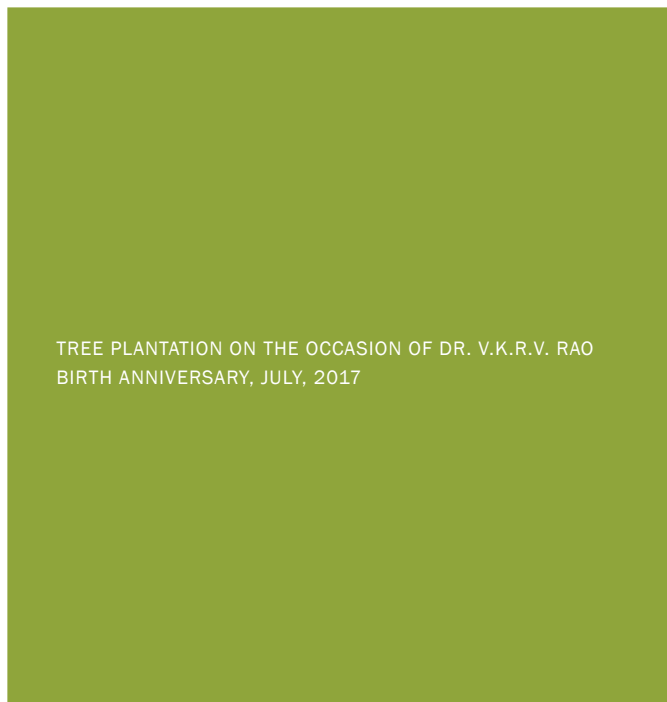
FLAG HOISTING BY THE DIRECTOR ON THE OCCASION OF INDEPENDENCE DAY, AUGUST 15, 2017



PAINTING COMPETITION ON AUGUST 14, 2017



TREE PLANTATION ON THE OCCASION OF DR. V.K.R.V. RAO BIRTH ANNIVERSARY, JULY, 2017



# 13

## Non-academic Activities



### ■ Celebration of V.K.R.V. Rao's Birthday

The Institute celebrated the birthday of Professor V.K.R.V. Rao on July 12, 2017. The Director, IEG faculty and administrative staff planted trees on the campus.

### ■ Celebration of Independence Day

The Institute celebrated Independence Day on August 15, 2017. The children of the campus sang and danced in a lively cultural programme. The Director awarded prizes to the winners of the painting competition.

### ■ Celebration of Republic Day

Republic Day was celebrated on January 26, 2018. The campus children took active part in the cultural programme organised on the occasion. The Director awarded prizes to the children and sweets were distributed to all.

### ■ Prize Distribution

The Chairman and Director, IEG, congratulated the gardeners for winning several trophies and prizes during the Annual Flower Show held at Delhi University on February 23, 2018.



IEG BOARD OF TRUSTEES MEETING



# 14

## Trustees, Governors, Board Committees, Faculty and Staff



### ■ BOARD OF TRUSTEES

#### *Life Trustees*

Manmohan Singh (President)

Bimal Jalan

Jamshyd N. Godrej

Vinay Bharat Ram

Tarun Das

Nitin Desai

#### *Ex-Officio Members*

Tarun Das (Chairman, Board of Governors, IEG)

B.N. Goldar (Honorary Treasurer, IEG)

Manoj Panda (Director, IEG)

### ■ BOARD OF GOVERNORS

#### *Chairman*

Tarun Das

#### *Members*

Indrani Gupta, IEG faculty

Virendra Kumar Malhotra, Member Secretary, ICSSR

C.S.C. Sekhar, IEG faculty

William Joe, IEG faculty

R.S. Deshpande, Former Director, ISEC, Bangalore

Veena Naregal, IEG faculty

Shobana K. Patanayak, Secretary, Ministry of Agriculture

Sunil Kanwar, Faculty, Delhi School of Economics

Chief Executive Officer, NITI Aayog

Preeti Sudan, Secretary, Ministry of Health and Family Welfare  
 Aditya Bhattacharjea, Faculty, Delhi School of Economics  
 Arvind Subramanian, Chief Economic Advisor, Ministry of Finance, Government of India  
 S. Mahendra Dev, Director (Vice Chancellor), Indira Gandhi Institute of Development Studies  
 Yamini Aiyar, President and Chief Executive, Centre for Policy Research  
 Kanchan Chopra, former Director and faculty, IEG  
 Patricia Uberoi, former faculty, IEG  
 Pulin B. Nayak, former faculty, Delhi School of Economics  
 M. Govinda Rao, Member, 14th Finance Commission, Government of India  
 Swapna Mukhopadhyay, former IEG faculty  
 Chandrajit Banerjee, Director General, Confederation of Indian Industry

### ***Ex-officio Members***

B.N. Goldar, Honorary Treasurer, IEG  
 Manoj Panda, Director and Member-Secretary, IEG

## **■ BOARD COMMITTEES**

### ***Committee for administration and finance***

Tarun Das, Chairman, IEG  
 Virendra Kumar Malhotra, Member-Secretary, Indian Council of Social Science Research  
 Indrani Gupta, IEG faculty  
 Basanta Kumar Pradhan, IEG faculty  
 B.N. Goldar, Honorary Treasurer, IEG and Permanent Invitee  
 Manoj Panda, Director and Member-Secretary, IEG

### ***Academic Committee***

Manoj Panda, Director, IEG and Chairman  
 Arup Mitra to represent special theme  
 Vikram Dayal, Head, IES Section  
 Brajesh Jha, Head, Agricultural Economics Research Unit  
 Sanjay Srivastava, Head, Social Change and Social Structure Unit  
 Basanta K. Pradhan, Head, Development Planning Centre  
 Indrani Gupta, Head, Health Policy Research Centre  
 Suresh Sharma, Acting Head, Population Research Centre  
 Purnamita Dasgupta, Head, Environmental Economics Unit

Veena Naregal, Senior-most Associate Professor

Sangeeta Chakravarty, Junior-most Associate Professor

William Joe, Assistant Professor

Uday Bhanu Sinha, Professor, Delhi School of Economics

Sanghamitra Sheel Acharya, Professor, Centre of Social Medicine and Community Health, JNU

## ■ FACULTY

### *Honorary Professors*

C.H. Hanumantha Rao

T.N. Madan

### *Director*

Manoj Panda

### *Professors*

Amita Baviskar

T. Adi Bhavani

Saudamini Das

Purnamita Dasgupta

Vikram Dayal

Nilabja Ghosh

Indrani Gupta

Brajesh Jha

Sabyasachi Kar

Arup Mitra

Basanta Kumar Pradhan

N. Chandrasekhara Rao

Pravakar Sahoo

C.S.C. Sekhar

Sanjay Srivastava

### *Associate Professors*

Veena Naregal

Sangeeta Chakravarty

Suresh Chandra Sharma

Samik Chowdhury (on contract)

### ***Assistant Professors***

Oindrila De

William Joe

Anita Kumari

Ruby Alambusha Singh (on contract)

Amarnath Tripathi (on contract)

### ***Retired Professors (Working on Projects)***

Bina Agarwal

M.N. Murty

## **■ FELLOWS AND CONSULTANTS**

### ***ICSSR National Fellows***

B.N. Goldar

Surinder Aggarwal

### ***ICSSR Post Doctoral Fellows***

T. Jayan

Shraddha Srivastava

Minati Kumari Dash

### ***JR. SRT Fellows***

Mohan Kumar Bera

Rashmi Rastogi

### ***ICSSR Doctoral Fellows***

Guru Prakash Singh

Yashobanta Parida

Jagdish Prasad Sahu

Deepika

Saroj Kumar

Sunil Rajpal

Sebanti Chatterjee

S. Krithi

Amrita Goldar

Vikas Kumar

Mohammad Sajjad Hussain

Masudul Hasan Adil

Bisla Rajoria

### **Junior Consultants**

Vikas Singh

Anurag Sharma

Namrata Thapa

Anjali Prasad

Sushanto Kumar Beero

### **Research Officers**

Devmani Upadhyay

Rohan Bansal

### **Project Officer**

Diwas Singh Saun

### **Project Manager**

Devanshi Kulshreshta (LASI Project)

### **Senior Research Analyst**

Ram Ashish Yadav

M. Rajeshwor

Sandip Surwade

Stella George

Atrayee Choudhury

Vivek Pal

Kumar Shubham

### **Editorial Associate**

Bikram Sharma

### **Research Analyst**

Avantika Ranjan

Mansi Verma

Renu Sain



Parmeet Kumar Vinit

Ishita Varma

Mrignyani Sehgal

Deepak Kumar

Ravinder Kumar Meena

Spandan Roy

Viji Rajesh Mariam

***Research Assistant***

Varghese P.J.

***Technical Assistant***

Prabhakar Jha

***Field Investigator***

Chetana Savant

Prakash Doddamani

Anjana

Sangam Singh

Jyoti

Bindya Kumari

Versha Shukla

Gargee Sarkar

***Research Investigator***

Bibhuti Ranjan

Rahul Kumar

Vandana Sharma

Saroj Kumar

***Research Fellow***

Monali Kumari

■ **PROFESSIONAL SERVICE AGREEMENT**

Udai S. Mishra

Ruby Alambusha Singh

Abhishek

Nikita Asati  
Deepankar Panda  
Pervesh Anthwal  
Samraj Sahay  
Vinay Sharma  
Richa Joshi  
Naorem Sushil Kumar  
Angom Sandhyarani  
S. Sreedharam  
Joydeep Ghosh

### **Data Analyst**

Damini Singh

### **Data Coder**

Pooja Das

## **■ ADMINISTRATIVE STAFF**

Director: Manoj Panda

Academic Programmes Officer: Sushil Kumar Sen

Finance Officer: Devi Datt Kandpal

Administrative Officer: Siba Sankar Sahoo

Senior Programmer: Vinod Kumar Tyagi

Accounts Officer: V.M. Budhiraja

Programmer: Parag Kamal Sharma

Assistant Programmer (Computer): Rajesh Chatwal

Administrative Assistants: Uma Devi, Neeta Bakhru

Senior Stenographer-cum-Office Secretary: Prem Wadhwa, Nirmal

Senior Assistants: Ganga Bora, R.Viswanathan, Sanjay Kumar

Senior Stenographer: Sonia

Stenographer: Kaushal Kant Joshi, Amit Kumar

Accounts Executive: Surendra Thakur (on contract)

Technical Assistant (Computer): Satya Narain

Assistants: Baliram Prasad, .Sanjay Jethani, Mukesh Kumar, Subhash Kumar

Junior Assistants: Deepti Jain, Ravinder Singh Rawat, Shankar Dutt Tiwari, Harish Dutt, .Deepak

Arora (on contract)

Senior Lab Assistant (Computer): Inder Kumar

Computer: Vikas Kumar

Drivers: Govind Singh, Chanchal Singh Bora

Despatch Rider/Caretaker: Ram Murat Tiwari

Multi-tasking Staff: Bimla Devi

Head Chowkidar: Yamuna Pal

Chowkidar: Mahadev

Head Sweeper: Suresh Kumar

Cook: Chandan Singh

Kitchen Assistant: Shiv Kumar

Mess Bearer: Ram Lal

### **Library**

Librarian: P.K. Jain

Assistant Librarian: Santosh Gupta

Professional Assistants: Trilok Chand Joshi, Mahija Deepu, Yogesh Kumar Saini

Library Attendant: Sangeeta, Kapila (on contract)

Library Trainee: Nisha (on contract)

### **■ ADMINISTRATIVE STAFF**

#### **New Arrival**

Siba Sankar Sahoo, Administrative Officer

#### **Departures**

Usha Azad

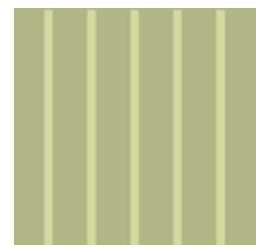
Arvind Kumar Varma





MRS. USHA AZAD RETIRED IN JULY, 2017 FROM THE SERVICES OF THE INSTITUTE





### Financial Summary of Receipt and Expenditure for the Year 2017-18

(Rupees in Lakh)

	Particulars	2017-18		2016-17	
		Receipt	Expenditure	Receipt	Expenditure
1	REGULAR SECTIONS				
a	Maintenance & Development Section (Non-Plan) (ICSSR)	320.00	487.02	302.00	353.13
b	Maintenance & Development Section (Plan) (ICSSR)	54.00	54.00	46.00	46.64
c	Indian Economic Service Section (Ministry of Finance)	277.98	425.11	329.98	322.98
d	Population Research Centre (Ministry of Health and Family Welfare)	123.98	150.74	117.62	152.48
e	Agro Eco. Research Centre (Ministry of Agriculture)	210.00	245.71	168.89	192.44
	Sub Total	985.96	1,362.58	946.49	1,067.67
2	ENDOWMENT SECTIONS				
a	Library Development Fund	6.58	7.75	7.80	6.81
b	Development Planning Centre	72.65	107.55	50.09	71.63
c	Dr. V.K.R.V. Rao Centre for Studies in Globalisation	5.82	-	5.45	-
d	Sir Ratan Tata Fellowship Trust	30.72	16.80	27.40	6.91
e	Chair in Environmental Economics	21.25	32.3	20.85	22.63
f	RBI Chair in Econometrics	33.36	23.55	31.78	32.24
g	Sir V.T.K. Memorial Lecture Fund	0.69	1.32	0.78	-
h	D. Umapathy Shastri Fund	0.22	-	0.26	0.10
	Sub Total	171.29	189.36	144.41	133.51
3	SPONSORED/PROJECTS/SEMINARS/WORKSHOPS	690.92	537.82	351.08	372.60
4	ICSSR FELLOWSHIPS	23.02	15.08	35.39	36.55
5	OWN FUNDS	455.02	264.64	390.61	299.72
6	EARMARKED FUNDS	33.97	2.17	31.89	3.05
	GRAND TOTAL (1 to 6)	2,360.18	2,371.65	1,917.87	1,913.10

