



ISEC News

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No. 1

From the Director's Desk....

ISEC now has a unique feather in its cap: Mr Angan Sengupta, the ISEC PhD student in Development Studies, who joined in 2008, has won the distinction of being the first PhD from the Maastricht University, under the supervision of Dr T S Syamala of ISEC and Prof Onno Van Schayek of Maastricht University, cosupervised by Dr Pieter Dabgelie and Dr Federica Angeli. This initiation of MoU between ISEC and Maastricht University made by Professor RS Deshpande the then Director, has borne fruit now. The ISEC congratulates Dr Angan Sengupta on this feat and also congratulates the Supervisor Dr T S Syamala and all the DC members for motivating the student to achieve this.

It gives me immense pleasure to present the academic output of ISEC during the last six months. The faculty members have completed 13 research projects covering significant social and economic issues like Socio-economic capabilities of Dalit households in Karnataka, Prices for onion and grapes in Karnataka, Universal Old Age Pension, Climate-smart technologies, Spatial inequality of urban growth in Karnataka, Women's work participation, Food processing units in Karnataka, Bengaluru Region Finances, Human development, sanitation, gender and life vulnerability, Ageing and Well-being, to list a few. The faculty members have also undertaken 16 new research projects during this period.

Faculty members, during this period, published eight books/edited books, 44 articles in various journals and edited books, three ISEC Monographs, 12 ISEC working papers, apart from eight working papers outside ISEC. There were three national seminars/workshops and one International seminar/conference apart from two outreach national workshop/ conference organized by the Centres, As many as 48 seminars were presented by faculty, eight by visiting scholars

and four by PhD scholars. The Institute organized three training programmes and one workshop-cum-training during the period. The Social Science Talent Search programme was organized at ISEC during January 9-10, 2016 and the annual examination for selecting the next batch of students was held on January 31, 2016. The Founders' Day was celebrated on January 20, 2016, during which Dr V K R V Rao Memorial Lecture was delivered by Dr Amit Bhaduri, Professor Emeritus, Jawaharlal Nehru University, New Delhi. He spoke on *Nationalism and Economic Development of India*. Meritorious PhD students were awarded Dr D M Nanjundappa Endowment Prizes on the Founders' Day. On the occasion, five books authored or co-authored by the faculty of ISEC and 11 ISEC Monographs were also released.

It is heartening to learn the contributions of faculty in obtaining funds for conferences, seminars, new projects from within and outside the country on a competitive basis. This is no routine as competition for research funds is growing exponentially and equally the performance of ISEC faculty. It will be further desirable for such efforts across all Centres / Disciplines / faculty so that all Centres would develop and provide facilities for students, researchers and create an ambience of research, teaching, training and outreach. It is desirable that ISEC considers outreach as a crucial and vital activity to beam its visibility and presence. In this regard, the Government of Karnataka and the Government of India have approached ISEC faculty to develop policies, schemes towards inclusive growth and development programmes. Similarly, efforts need to be made to bring the contributions of ISEC faculty in Kannada for the benefit of policy-makers and stakeholders of development. It is hoped that ISEC would take a leap in this direction as it synergizes the efforts of the Government in the process of economic and social development.

M G Chandrakanth
Director

Social Science Talent Search Scheme Programme

Social Science Talent Search Scheme (SSTSS) is an on-going programme of ISEC being conducted in collaboration with Bangalore University and Christ University. While the two universities sponsor scholarships for meritorious students, the programme gets financial aid from Sir Ratan Tata Trust (SRTT) as part of its support to academic and scholarly initiatives at ISEC. The programme aims to rekindle the dwindling interest in social science subjects among degree students. It encourages Plus Two level students to take a competitive exam and the top 35 students (25 from Bangalore University and 10 belonging to Christ University) qualify for availing Orientations on 'Social Science Scope and Relevance' and scholarships. Two Orientations are held during August and January every academic year and scholarships are distributed in two installments for selected students during their three-year tenure as undergraduate students in social science courses. The Talent Search Examination for selecting new students (studying second year PUC) is

held every year on the last Sunday of January or the first Sunday of February.

As part of this initiative, the half-yearly scholarship distribution was organized at ISEC during January 9-10, 2016 and the annual examination for selecting the next batch of students was held on January 31, 2016. Chairperson of the Board of Governors of ISEC, Dr A Ravindra; Acting Director of ISEC, Prof K S James; Registrar of Bangalore University, Prof K K Seethamma; Prof S Madheswaran of the Centre for Economic Studies and Policy (CESP), ISEC; faculty from Christ Junior College and other dignitaries distributed the scholarships and addressed the students. Members of the advisory committee, Controller of Examinations and Co-coordinator of SSTSS, Prof H K Moulesh; Resource persons like Prof P H Rayappa and Prof Siddananda and others were also present. The SSTSS programme is coordinated by Dr M Lingaraju of the Centre for Human Resource Development, ISEC.

International Workshop on Food Security in India: The Interaction of Climate Change, Economics, Politics and Trade

The National Institute for Consumer Research (SIFO), Norway, had entrusted a sub-project under the main project entitled 'Food Security in India: the Interactions of Climate Change, Economics, Politics and Trade (FOODSEC)' to the ADRTC of ISEC. The FOODSEC team consists of International Food Policy Research Institute (India), National Institute for Consumer Research (SIFO, Norway), and Norwegian Institute of International Affairs (NUPI, Norway).

As a part of the sub-project, an international workshop was organised at ISEC in collaboration with SIFO to discuss the progress of the FOODSEC project, including paper presentations on the project theme by the representatives of partner institutions – NUPI, University of Oslo, CUTS International including SIFO and ISEC – on January 19, 2016. The inaugural session of the workshop was chaired by Prof K S James, Acting

Director, ISEC, and technical sessions were chaired by Prof P G Chengappa and Prof Parmod Kumar.

In the Technical Session One, the following presentations were made: Prof Arne Melchior from NUPI on 'Food Prices in India: Inter-state Price Variation and Domestic Trade'; Dr Unni Kjærnes from SIFO on 'Household Food Security in Bihar'; and Dr P G Chengappa on 'Implications of Food Security Act in India'. In the Technical Session Two, the presentations were: Dr P Thippaiah and Dr A V Manjunatha on 'Overview of Slums in Bangalore'; Dr Veena Vidyadharan from CUTS International on 'Household Food Security in Bihar'; and Ms Lise Bjerke from the University of Oslo on 'Food Security among Migrant Urban Population'. The workshop was organised by Dr A V Manjunatha and Prof P G Chengappa of ADRTC.

ISEC Founders' Day

The Founders' Day of the Institute was celebrated on January 20, 2016.

Dr A Ravindra, Chairperson of the Board of Governors of ISEC, and Prof K S James, Acting Director, garlanded

the Dr V K R V Rao bust. Later various cultural performances were presented by the PhD students and staff of ISEC and prizes were distributed to the winners / runners in various sports events conducted earlier.

To commemorate the occasion, the **Dr V K R V Rao Memorial Lecture** was also organized. Prof Amit Bhaduri, Professor Emeritus, Jawaharlal Nehru University, New Delhi, spoke on 'Nationalism and Economic Development of India'.

Dr D M Nanjundappa Endowment Prizes were awarded to Ms Aneesha Chitgupi (Economics) and Ms Vijitha Rajan (Non-Economics) for scoring highest marks in the PhD Course work during 2015-16.

On the occasion, **five books** authored or co-authored by the faculty of ISEC and **11 ISEC Monographs** were also released.

As is the practice, ISEC faculty and staff who had completed 25 years of service in the Institute, were felicitated on the Funders' Day: (1) Dr N Sivanna, Adjunct Professor, CPIGD; (2) Dr K Gayithri, Associate Professor, CESP; (3) Mr B K Jagdish,



Prof Amit Bhaduri, Professor Emeritus, Jawaharlal Nehru University, New Delhi, delivering the Dr V K R V Rao Memorial Lecture at ISEC on the Founders' Day, January 20, 2016. Prof Bhaduri spoke on 'Nationalism and Economic Development of India'.

Assistant Registrar (Estate & Stores); (4) Ms B Akila, Senior Personal Assistant, CEENR.

Dr A Ravindra, Chairperson, Board of Governors of ISEC, delivered the Presidential Remarks and vote of thanks was given by Prof Manohar Yadav, Registrar.

Two-Day Capacity Building Programme for the Officers of D Devaraj Urs Backward Classes Development Corporation

Capacity building is the process of equipping individuals, practitioners and professionals with necessary skills and access to information and knowledge that enables them to perform responsively and effectively. Set in this backdrop, a two-day capacity building programme was conducted in the Institute on February 1-2, 2016 for the officers of D Devaraj Urs Backward Classes Development Corporation (DBCDC), Government of Karnataka. Efforts were made to sensitise officials on the basic issues concerning formulation and implementation of programmes and schemes of the Corporation and also to upgrade their organizing and functional skills in terms of leadership,

planning, negotiation, networking and, more importantly, how to negotiate stress-related issues. The programme was attended by all the 30 district-level officers from the Corporation. The programme was inaugurated by Mr M Ramachandrappa, President of DBCDC, and Chief Guest Prof K S James, Acting Director of ISEC. Dr M R Ekantappa, Managing Director of DBCDC, addressed the gathering. In the valedictory function, Registrar of ISEC, Prof Manohar Yadav, and Managing Director of the Corporation Dr M R Ekantappa, addressed the participants. The programme was coordinated by Prof Manohar Yadav and Dr N Sivanna, Adjunct Professor, ISEC.

Workshop on 'Mapping of Farm-Non-Farm Sector Linkages in Rural India'

A workshop on 'Mapping of Farm-Non-farm Sector Linkages in Rural India' was organised by Centre for Economic Studies and Policy (CESP) on February

5, 2016 at ISEC. After the welcome address by ISEC Acting Director Prof K S James, Prof Meenakshi Rajeev of CESP, ISEC, commenced the discussion by giving

a brief overview of the topic. Thereafter, Dr Manojit Bhattacharjee of St Joseph's College made a detailed presentation of findings from secondary data analysis. Mr Devaraju G and Prof Meenakshi Rajeev presented their findings and experiences from field on the kind of farm-non-arm linkages observed in the states

of Karnataka and Assam respectively. Comments, suggestions and scope for further research were given by Prof Saumya Chakrabarti of Visva Bharati University, and Prof Anirban Dasgupta of South Asian University, Delhi. Later, Dr Anirban Kundu of St Joseph's College also articulated his views on the topic.

Training Programme on Advancements in Social Science Knowledge Production: Approaches, Paradigms and Practices

Fostering Linkages in Academic Innovations and Research (FLAIR) is an initiative of the Department of Collegiate Education, Government of Kerala, for improving the quality of research and teaching in higher education. ISEC, under this initiative, organized a training programme on 'Advancements in Social Science Knowledge Production: Approaches, Paradigms and Practices' for university and college teachers from Kerala during February 15-27, 2016.

The programme aimed at introducing young faculty members to recent developments in the approaches afforded by the social sciences to understand social change and social policy and practice. The specific objectives of the training programme were to introduce the participants to approaches afforded by the social sciences to understand social change and social policy and practice, which are relevant to Indian situations and equip them to undertake cutting edge research by offering training in new methodologies and techniques.

The 12-day training programme benefited 16 social sciences teachers from Kerala. The 42-session course was multi-disciplinary in nature with special focus on advancement in knowledge production, theory, methodology, methods and various recent techniques developed in social science research. It covered disciplines such as economics, sociology, political science, education, demography, environment, gender and spatial studies. The themes chosen for the course were selected from current concerns of Indian society and imperatives of policy and the engagement with relevant social science theory and research. The programme was interactive in nature with lectures from experts, group discussions and presentations by the participants. There were practical sessions on data analysis using software such as STATA and SPSS. The participants prepared and presented their papers in a seminar held on the final day of the training in the presence of select experts. The programme was coordinated by Dr Sobin George and Dr M Lingaraju.

Two-Day National Workshop-cum-Training on Renewable Energy – Law, Policy and Climate Change: Indian Perspective

The Centre for Ecological Economics and Natural Resources (CEENR) of ISEC along with the Centre for Sustainable Development (CSD) and the Ministry of New and Renewable Energy, Government of India, conducted a two-day workshop-cum-training on 'Renewable Energy – Law, Policy and Climate Change: Indian Perspective' on February 26-27, 2016. The workshop had more than 30 participants from across the country. Speakers invited included experts from the field along with paper presentations by a few young research scholars who are working in the field of energy.

The workshop was inaugurated by Chairperson, Board of Governors, ISEC, and the welcome address was

delivered by Prof KS James, Acting Director of ISEC. In his introductory remarks, Executive Director of CSD, Dr R Srinivas, highlighted the work being carried out by CSD since its inception. Dr Sunil Nautiyal gave an overview of CEENR emphasizing on the key research work done by the Centre over the years.

The workshop-cum-training saw presentations by many distinguished speakers highlighting different aspects of energy law and climate change. Dr R Srinivas, Executive Director, CSD, highlighted development and transfer of technology and its role in meeting the change regime. Mr Subramanya U H, an energy expert, spoke in depth about the regulatory framework of energy law in India.

There were a set of presentations that showed an interlinkage between climate change, environment, need for development and security in energy. This included presentations by professors of different institutions like ISEC, IIST and CSIR. Dr Sunil Nautiyal presented the positive impacts of use of LPG in remote Himalayan villages due to reduced dependency on wood as a biofuel. Dr M Chandrashekar gave an overview of the Dye-Sensitized Solar Cells Technology, research on which is being conducted in CSIR. Dr R R Nidamuri of IIST spoke on the methodology by which remote-sensing as a technology can be used in climate change studies. Dr Parmod Kumar addressed the regulatory framework on Air Pollution and Punjab Government Policy on Agriculture. Mr Zende of ARTI mentioned the technologies developed by ARTI to promote production of energy from renewable energy sources.

There was also a detailed presentation by members from National Law School on energy law: power purchase agreements and contractual issues and the more recently launched Renewable Energy Bill that has been put up for comments by the Government of India. In addition, there was a detailed discussion with Mrs Vidya Rani of Karnataka Renewable Energy Development Ltd (KREDL) on the incentives that individuals or groups can draw from the various schemes launched by the Central and State governments.

The concluding session involved an in-depth discussion on the 21st Conference of Parties (CoP21) to Climate Change Panel Discussion wherein different members of the panel highlighted the positive and negative aspects derived from the proceedings of CoP21. The national workshop was convened by Dr Sunil Nautiyal and Dr R Srinivas.

Meeting with Karnataka Fourth State Finance Commission

A half-a-day Discussion Meeting was organized by the Institute for the benefit of Fourth State Finance Commission, Government of Karnataka, on March 9, 2016.

The Chairman of the Commission, Mr C G Chinna Swamy, and members of the Commission, Dr H Shashidhar and Mr H D Amaranathan attended the meeting. From ISEC, Prof Abdul Aziz, Prof D

Rajasekhar, Prof Manohar Yadav, Prof Kala Sridhar, Dr M Devendra Babu, Dr Anil Kumar and Dr N Sivanna participated in the discussion.

The Commission had a very detailed discussion with the ISEC faculty members on issues concerning the fiscal decentralization process as seen in PRIs and Municipalities of Karnataka. This discussion meet was coordinated by Dr N Sivanna, Adjunct Professor, ISEC.

ICSSR Orientation Programme for Faculty Members and Research Scholars Belonging to ST and other Marginalized Groups

The Indian Council of Social Science Research (ICSSR) is a unique institution functioning with the aim of reaching education and development through research in social sciences through an inclusive approach. Besides establishing and managing national level institutions of higher learning and research in social sciences, it has, in recent times, under the foresight of its chairman, instituted capacity building programmes exclusively for the benefit of research scholars and young faculty hailing from vulnerable background and communities. ISEC had the benefit of organizing such programmes including the present 'Orientation Programme for Faculty Members and Research Scholars Belonging to ST and Other Marginalized Groups' for the young Faculty Members and Research Scholars from social

sciences across the state and nation sponsored by the ICSSR under the Special (ST) Component Plan. The programmes aimed at training the participants in both theoretical and practical aspects of social science research in social sciences by combining both class room lectures by eminent scholars from both within and outside ISEC as well as through a number of hands on exercises. The overall goal of this orientation programme was to sensitise the participants to advancements in conducting research on a range of social, economic, political, educational, historical and related issues. The objective was also to establish in their minds a proper understanding of what is research, what is scientific research, design of research and its ultimate outcome as well as contribution to society and social policy. A concerted

effort was made in all programmes to see that the participants benefit from learning about what is the advanced thinking and research practices today; the benefit of multi-disciplinary and inter-disciplinary methodologies and approaches.

The Orientation was held at ISEC for four days during March 14-17, 2016. Totally 26 candidates participated in the programme. They represented various social science subjects such as Economics (7 participants), Sociology (10), Political Science (3), History (2) and Education, Psychology, Geography and Library Science (1 participant each). The institutions from

where they have hailed were Tumkur University, Karnataka University and the rest from Degree College Teachers within Karnataka. Another specialty of this orientation programme was that it was an abridged programme for only four days, thus enabling to cover only the main highlights of social science research methods. Thus, the topics of lectures and discussions were holistic and limited in number. There were no hands-on exercises and library work. But the participants benefited immensely from the lectures delivered by eminent scholars from ISEC and outside. The orientation programme was coordinated by Dr M Lingaraju of CHRD, ISEC.

Training Programme on Applied Econometrics for ISS Probationary Officers, Government of India

The Centre for Economics Studies and Policy (CESP), ISEC organized the training programme on Applied Econometrics for ISS Probationary officers, Government of India sponsored by National Statistical Systems Training Academy (NSSTA) under Ministry of Statistics and Programme Implementation (MOSPI), GOI from April 10-22, 2016. Totally 47 Probationary Officers participated in this Training Programme. During the first week of the course, participants were introduced to Basic Econometric Techniques and the Second week concentrated on Advanced Time Series Techniques with hands on experience through Eviews and STATA. The resource persons for the course were drawn both from within the Institute as well as experts from other institutions like Madras School of Economics, Institute for Financial Management Research, Central University of Pondicherry and National Institute of Public Finance and Policy.

Prof K S James, Acting Director, ISEC welcomed the course participants. Prof N R Bhanumurthy, NIPFP and Secretary, Indian Econometric Society gave the valedictory address and distributed the certificates to the participants. Feedback on both academic and administrative aspects of the course was obtained from the participants by circulating a structured feedback form, designed for the training. The training was rated as Excellent by the ISS officers. The NSSTA under Ministry of Statistics and Programme Implementation (MOSPI) appreciated the effort and quality of training imparted by ISEC over the period of time and requested us to conduct this programme as a permanent event for each year to impart training in applied econometrics to ISS probationary officers. The training program was coordinated by Prof S Madheswaran and Smt B P Vani, Centre for Economic Studies and Policy.

Workshop on 'Towards Farmer-Friendly Crop Insurance in Karnataka'

One-day workshop titled 'Towards Farmer-Friendly Crop Insurance in Karnataka' was jointly organised by Professor Meenakshi Rajeev and Professor Pramod Kumar, Institute for Social and Economic Change, supported by Karnataka Agricultural Prices Commission on May 31, 2016. Dr A Ravindra, Chairperson, Board of Governors, ISEC chaired the workshop, wherein Professor T N Prakash Kammardi, Chairman, Agriculture Prices Commission and Professor M N Nadkarni, Honorary Visiting Professor, ISEC and Former Vice-Chancellor of Gulbarga

University were the chief guests. Welcome address was delivered by Professor M G Chandrakanth, Director, ISEC, and the subsequent introduction to the workshop was carried upon by Prof Meenakshi Rajeev. The inaugural session concluded with vote of thanks by Professor Pramod Kumar.

Dignitaries from various fields related to agriculture crop insurance made their esteemed presence felt in the workshop. There were representatives from Department of Agriculture, Department of Sericulture,

Directorate of Economics and Statistics, Karnataka State Natural Disaster Monitoring Centre, along with bank officials from NABARD, Syndicate Bank, Canara Bank and Vijaya Bank. Executives from Agriculture Insurance Company of India Limited, academicians from institutes such as CMDR, ISEC and ISI also took part in the workshop. The major participation however was from the farmer community, who were

represented by various farmer organisations such as Karnataka State Sugarcane Grower's Sangha.

Pros and cons of current crop insurance for farmers viz., the Pradhan Mantri Fasal Bima Yojana have been discussed in detail. Challenges for improving farmers' participation in the crop insurance programmes are delineated by the experts.

Workshop on 'National IPR Policy: Opportunities for Academia'

The Union Cabinet on May 13, 2016 approved India's first Intellectual Property Rights (IPR) policy. The policy sets out seven broad objectives and relevant guidelines to promote the country's IP regime, which are as follows: (i) Awareness: Outreach and promotion; (ii) Generation of IPRs; (iii) Legal and legislative framework; (iv) Administration and management; (v) Commercialization of IPR; (vi) Enforcement and adjudication; and (vii) Human capital development. This policy has opened up opportunities for stakeholders across the spectrum. In this regard, ADRT Centre of ISEC in association with the Visvesvaraya Trade Promotion Centre, Department of Industries and Commerce, Government of Karnataka, organized a workshop on 'National IPR Policy: Opportunities for Academia' at ISEC on June 3, 2016.

The workshop started with welcome address by Prof

M G Chandrakanth, Director of ISEC, followed by two technical sessions chaired by Prof R S Deshpande. He explained the themes of the presentations and their relevance to the present context. The first speaker, Dr S Rama Murty, is the Professor and Head of IPR at the Centre for Emerging Technologies, Jain University, Bengaluru. He elaborated on the new National IPR Policy and how this had opened up opportunities for stakeholders. He also highlighted the key takeaways for Academia. In the second session, Dr Farah Deeba, inventor and former Principal Scientist, Monsanto, and an IP Specialist, spoke on the 'Copyrights and Ethical Issues in Research'.

The workshop was attended by the colleagues from ISEC including the research staff of ADRT Centre. The workshop ended with a vote of thanks by Dr A V Manjunatha, who organized the workshop.

National Conference on 'Environment, Economy and Human Wellbeing'

The relationship between environment, ecosystem services and human wellbeing is diverse, complex and uncertain. Any change in the quantity or quality of environment can affect the economy and human wellbeing in a non-linear manner. In this backdrop, Christ University and ISEC jointly organised a two-day National Conference on 'Environment, Economy and Human Wellbeing' during March 1-2, 2016. The conference focused on five important themes: 1. Theoretical and methodological aspects of environment and human wellbeing, 2. Ecosystem services and human wellbeing, 3. Linkages between environment and poverty, 4. Gender and environment, 5. Economic valuation of the environment.

Inaugurating the seminar, Professor Sudhir ChellaRajan, former Head of the Department of Humanities and Social Sciences, Indian Institute of Technology, Madras, said climate change is the real challenge the world faces now and sustainable development and backstop technology can reduce greenhouse gas emissions in all the sectors. Dr Adaina K C welcomed and made introductory remarks. The presidential address was given by Dr Fr Thomas C Mathew, Vice-Chancellor of Christ University. Dr Krishna Raj, Associate Professor and Head, CESP, ISEC; and Prof Maria Saleth, Honorary Professor of Madras School of Economics, Chennai, participated in a panel discussion. The seminar ended with valedictory address by Professor B S Sreekantaradhya, former Professor of Economics of the University of Mysore.

Farmers-to-Farmers Workshop on Conservation of Agro-biodiversity, Resource Utilization and Ecosystem Management

A 'Farmers-to-Farmers Workshop on Conservation of Agro-biodiversity, Resource Utilization and Ecosystem Management' was organized by the Centre for Ecological Economics and Natural Resources (CEENR) of ISEC, Bengaluru, in collaboration with Punyabhoomi, Hassan, in Gowripura Village of Hassan District on March 11, 2016. The workshop was sponsored by Technology, Information and Forecasting Assessment Council (TIFAC), Department of Science & Technology (DST), New Delhi.

The main objectives of workshop were: to understand better the reasons behind changing cropping patterns by farmers; to make the farmers aware of the impact of changing cropping patterns on the local ecosystem; to encourage a farmer-to-farmer interaction by which farmers practising the more eco-friendly ways can motivate others to follow suit. More than 120 farmers attended the workshop from over 30 villages in and around Hassan district. The participants varied from relatively small-farm owners having 3-5 acres of land to farmers with landholdings as large as 100 acres.

Mr Vijay Angadi of Punyabhoomi took the farmers on a short tour around the farm land where the workshop was being conducted. Dr Sunil Nautiyal, Professor and Head, CEENR, ISEC, welcomed the participants and explained briefly about the project. Later, Dr Sangeeta Baksi, a scientist at TIFAC, DST, highlighted the different works of TIFAC carried out over the years. Later, Mr S K Manjunath, explained how he realized 25 years back that farmers were harming their soil, and he now advocates organic selviculture. Dr Devendra Kumar Pandey, a former IFS officer, highlighted the need for Sustainable Development along with climate change and its impact on various factors including

loss of biodiversity. Dr P B S Bhadoria, Professor at IIT Kharagpur, who spoke next, explained his study in paddy cultivation where newer paddy varieties gave more yield. He also mentioned how he had taken the help of local non-profit organisations to promote technological advancement in agriculture, which would be helpful to the farmers. Dr A B Patil from the University of Agriculture Sciences, Hassan, spoke in detail about the horticulture crops and advantages of horticulture. The last two speakers were Dr Balakrishna Gowda of the College of Agricultural Sciences, Hassan, and Dr Basavaraj Humbarwadi of Karnataka State Agriculture Marketing Board, Bangalore. They spoke briefly about the importance of proper marketing mechanisms for agricultural produce and explained how marketing strategies could help better the profit margin of farmers.

In the end, the participating experts and academics had an interaction with farmers when the farmers expressed their concerns and problems. They admitted there was a need to work in tandem with the nature but they were susceptible to fall for more economic gain. The problems they faced varied from protecting sandalwood trees grown in their farm lands to water problems for growing crops to soil fertility and its loss over time. Problems pertaining to marketing of their produce and getting appropriate rates for the produce were a few other points highlighted by the farmers. The crux of the workshop – understanding the reasons of changing cropping pattern and making farmers aware of the impacts of this change in cropping pattern – was well achieved in the workshop.

The workshop was convened by Dr Sunil Nautiyal of CEENR, ISEC.

Seminars by Visitors

Health and Economic Well-being of Workers in Selected Industries with Special Emphasis on North- East India – Dr Amrita Ghatak, Assistant Professor, Gujarat Institute of Development Research, Ahmadabad (January 8, 2016)

Land Reform or Land Titling: A Critique of India's Land Policy – Dr Pradeep Nayak, Officer of the Odisha

Administrative Service and Fellow, Indian Institute of Advanced Study, Shimla (February 8, 2016)

Sexual Harassment at the Workplace, a Violation of Women's Human Rights – Professor V S Elizabeth, Professor, Centre for Child and the Law and Placement Officer, National Law School of India University, Bengaluru (March 8, 2016)

The Enigma of Democracy: Reflections on the Career of a Contentious imagination – Dr Bishnu Mohapatra,

Formerly Professor in School of Development, Azim Premji University, Bengaluru (March 10, 2016)

A Development Vision for India – Dr R Balasubramaniam, Founder & President, Swami Vivekananda Youth Movement, Founder & Chairman, Grassroots Research & Advocacy Movement (March 15, 2016)

Contemporary Challenges to the Women's Movement – Ms Madhu Bhushan, Vimochana (March 16, 2016)

Globalisation Lived Locally: A Labour Geography Perspective – Dr Neethi P, Faculty Member, Azim Premji University, Bengaluru (April 21, 2016)

The Political Mobilization Patterns of Indian Americans – Professor Prema Kurien, Professor of Sociology, Founding Director Asian/ Asian American Studies, Maxwell School, Syracuse University, Syracuse NY (May 23, 2016)

Seminars by Faculty

Spatial Inequality of Urban Growth in Karnataka: Trends, Levels and Implications – Dr C M Lakshmana, Associate Professor, Population Research Centre, Institute for Social and Economic Change (January 28, 2016).

Ecology and proletarianisation: Increasing need for attention? – Dr Anil Kumar Vaddiraju, Associate Professor, Centre for Political Institutions, Governance and Development, Institute for Social and Economic Change (March 30, 2016)

Costing Groundwater Irrigation in Agriculture: Implications for Policy – Professor M G Chandrakanth, Director, Institute for Social and Economic Change (June 15, 2016)

Research Projects

Completed Projects

1. **Assessment of Socio-Economic Capabilities of Dalit Households in Karnataka** (Dr I Maruthi)
2. **The Relationship between Wholesale Prices, Retail Prices, Export Prices and Prices Realized by the Farmers for Onion and Grapes in Karnataka** (Dr Parmod Kumar)

3. **Universal Old Age Pension in India: Estimates of Economic Demand, Public Cost and Financing Options** (Prof M R Narayana)
4. **Prioritizing Climate Smart Technologies in Madhya Pradesh** (Dr Barun Deb Pal)
5. **Spatial Inequality of Urban Growth in Karnataka: Trends, Levels and Implications** (Dr C M Lakshmana)
6. **Family Planning and Women's work Participation in India** (Dr T N Bhat)
7. **Documentation of Success Stories of Food Processing Units in Karnataka** (Dr I Maruthi)
8. **Bengaluru Region Finances: A Design for Restructuring** (Prof K Gayithri and Prof S Madheswaran)
9. **District Human Development Report of Ramanagara** (Dr M Devendra Babu)
10. **Pathways to Sanitation: Growing Challenges and Access to Urban Poor: A Study of Bangalore City** (Dr S Manasi)
11. **Gender and Life Vulnerability: Study of Women Health from Gender Perspective** (Prof R Mutharayappa and Dr K C Channamma)
12. **Assessing Quality of Civil Registration System (CRS) data at the district level on a regular basis for facilitating updating exercise of National Population Register (NPR)** (Prof K S James and Dr P M Kulkarni of JNU, New Delhi)
13. **Ageing and Well-being in a Globalised World** (Prof K S James, Dr T S Syamala and Dr Lekha Subaiya)

New Projects

1. **Impact of Neem coated Urea on Production, Productivity and Soil Health in Karnataka** (Dr K B Ramappa and Dr A V Manjunatha)
2. **Farmers' Suicides in Karnataka** (Dr A V Manjunatha and Dr K B Ramappa)
3. **Performance of Indigenous and Imported Seedlings of Oil Palm** (Prof Parmod Kumar)
4. **Increasing Enrolment and Savings in a Long-term Pension Savings Product** (Prof D Rajasekhar)
5. **Crop Insurance in Karnataka** (Prof Meenakshi Rajeev and Prof Parmod Kumar)
6. **Beneficiary Assessment of Project Villages in Yadgir District: An Impact Study** (Prof. N. Sivanna)

7. **The Story of an Indian Metropolis Revisited** (Prof Kala S Sridhar)
8. **Research and Development (R&D) in Preventive and Therapeutic Healthcare in India: Implications for Public Health** (Dr Sobin George)
9. **Food Security in India: The Interactions of Climate Change, Economics, Politics and Trade** (Dr A V Manjunatha and Prof P G Chengappa)
10. **Conducting Indepth Study on Contract Farming: Land Leasing and Land Sharing Company** (Prof Parmod Kumar and Dr A V Manjunatha)
11. **Decision-Oriented Information System for Farmers: A Study of Kisan Call Centres (KCC) and Kisan Knowledge Management System (KKMS)** (Dr I Maruthi)
12. **Living Arrangement Concordance and Wellbeing of Older Persons in India** (Dr T S Syamala)
13. **Coverage and Quality Data Captured by HMIS: A Facility Level Analysis in Karnataka** (Dr T S Syamala)
14. **Role and Functions of ASHA Workers in Rural Karnataka: A Case Study** (Dr T S Syamala)
15. **Construction of YDI-2016 and Modified YDI-2016** (Prof S Madheswaran and Ms B P Vani)
16. **PIP Monitoring in 7 Districts of Karnataka and 3 districts of Andhra Pradesh** (Dr T S Syamal and All PRC Staff)

STUDENT NEWS

Students' Biannual Seminar Series

The Thirty Fourth Bi-annual Seminars were conducted during June 20-30, 2016. In all, there were 72 presentations comprising 31 progress seminars, 9 proposal Seminars and 32 Theme Presentation (18 Sessions). Sri K Subramanya, Dr H E Shashidhar, Prof P M Kulkarni, Prof Mruthyunjaya, Dr Krishna Manohar, Dr B S Venkatesh, Prof B S Bhargava, Dr H Chandrashekar, were invited as Special Discussants for the Bi-annual seminars and participated in the seminars as Special Discussants.

PhD Awarded

The following four ISEC scholars were awarded PhD in Political Science, Economics and Development Studies by the University of Mysore in the last six months:

Dr Lavanya Suresh: Thesis: '*Decentralisation Governance and Forest Resource Management: A Study in the State of Tamil Nadu India*' (Supervisor: Prof N Sivanna).

Dr Sumedha Bajar: Thesis: '*Infrastructure and Economic Growth: Evidence From India*' (Supervisor: Prof Meenakshi Rajeev)

Dr Rajesh Raushan: Thesis: '*Child Health and Social Differential in India: Caste and Neighbourhood Effect*' (Supervisor: Prof R Mutharayappa)

Dr Mini Thomas: Thesis: '*Service Sector and Economic Growth in India with Special Reference to International Trade in Services: An Empirical Study*' (Supervisor: Prof M R Narayana)

PUBLICATIONS

WORKING PAPERS

An Overview

The working paper **Land and Water Use Interactions: Emerging Trends and Impact on Land-use Changes in the Tungabhadra and Tagus River Basins (No. 352)** by Per Stalnacke, Begueria Santiago and Manasi S. et al The paper provides a comprehensive analysis of the issues, current status and complex inter-linkages in land and water management, emerging trends and its impact in two river basins¹ - the Tungabhadra sub-basin in India and the Tagus basin in Spain and Portugal. The paper covers a wide range of issues including changing water demands affected by erratic hydrological cycles, frequent fires affecting forests, biodiversity and soil thus influencing the livelihoods of marginal communities. The paper also brings to the forefront the need for integrated water management in view of poor integration across and within sectors.

Rajat Verma in his paper **Ecotaxes: A Comparative Study of India and China (No. 353)** attempts to compare various forms of ecotaxes adopted by India and China in order to reduce their carbon emissions by 2020 and to address other environmental issues. The paper notes that as per OECD-EEA database's definition, in total there are only twenty-four environmentally related taxes that exist in both the countries. Of these taxes, five out of seven environmentally related taxes in China were revised after the year 2006, and in India all the taxes were

levied only after 2002. In addition, as per our definition only seven and five environmentally related taxes in India and China, respectively, can be deemed as ecotaxes. There is a severe paucity of literature on analysing the performance of ecotaxes. Based on the limited literature, it was found that there are several governance related issues in India in managing the funds generated from the ecotaxes. In the case of China, studies reveal that the purpose of consumption tax is defeated as it leads to an increase in total fuel consumption and to a decline in social welfare.

The paper **Own House and Dalit: Selected Villages in Karnataka State (No. 354)** by I Maruthi and Pesala Busenna sheds light on the factors which determine the construction of a habitable house with special reference to Dalits in Karnataka. The findings presented in the paper are as follows: Two villages had better economic opportunities and sufficient water resources, which were the main reasons for the construction of good houses. Among the selected villages, in Srinivasa Saradgi village of Kalaburagi district the conditions of Dalits' houses were very pathetic and majority of the dalit houses were inhabitable due to water leakage, damaged floors and walls and constraints of space. It was also noted that although several housing programmes have been in place for dalits, lack of financial support continues as a major hurdle for Dalits to construct habitable houses.

The paper **Alternative Medicine Approaches as Healthcare Intervention: A Case Study of AYUSH Programme in Peri Urban Locales (No. 355)** by Manasi S, K V Raju, B R Hemalatha, S Poornima, K P Rashmi offers a discussion on the role of SOUKYA Foundation DMRC (Dr. Mathai's Rural Health Care Centre) under the AYUSH programme aimed at reviving traditional healthcare systems in peri urban areas. The paper notes that given the big challenges in providing healthcare in India because of rising costs and poor infrastructure, traditional medicine is to be seen as a positive alternative for improving the health status of the masses.

The working paper **Analysis of Export Competitiveness of Indian Agricultural Products with ASEAN Countries (No. 356)** by Subhash Jagdambe attempts to assess India's trade intensity as well as the Revealed Comparative Advantage (RCA) of the agricultural sector with respect to trade with ASEAN (Association of South-East Asian Nations) at the aggregate and disaggregate levels. It shows that

India's export intensity in total agricultural trade was increasing with respect to ASEAN rather than with the rest of the world. It was further observed that Import Intensity has been declining over the study period. It was also noticed that the comparative advantage was decreasing gradually throughout the study period although the pattern of India's comparative advantage in export of agricultural products with ASEAN varied from one commodity to another. The paper suggests that the efforts of Indian exporters should be focused on promotion of export of items, which they have a comparative advantage such as meat, vegetables and fruits, tea, rice and cereal products to the ASEAN markets.

The paper **Geographical Access and Quality of Primary Schools – A Case Study of South 24 Parganas District of West Bengal (No. 357)** by Jhuma Halder explores various issues such as location of schools, habitation wise distribution of schools, infrastructure of schools and attainment of students in schools, which are important components of universal elementary education drawing data from secondary sources and case studies conducted in selected districts of West Bengal. The paper notes that even after twelve years' of implementation of Sarva Sikhshya Abhiyan (SSA) and five years implementation of Right to Education Act, there are still widespread disparities in terms of both school set-up and infrastructure in primary schools. Enrolment has increased manifold indicating parental aspiration to send their children to schools. But supply related variables have lagged behind. This disparity is very prominent in the regions which are geographically backward. The study finds that attainment of children in schools is very much related to quality of schools.

Smrutirekha Singhari and S Madheswaran in their paper **The Changing Rates of Return to Education in India: Evidence from NSS Data (No. 358)** estimate the rates of return to education in India by gender, caste, religion and age cohorts using data for the period 1983 to 2011-12. The paper estimates the standard Mincerian wage equations separately for regular and casual workers. The findings of the study show that the overall rates of return to education for regular workers are the highest for diploma, followed by graduation and above degree, secondary education; the returns to higher secondary, graduation and above degree are rising, but primary education is falling over the years; rates of return to education are increasing across the age cohorts. For casual workers, overall returns to

primary and middle education are positive; while returns to secondary and higher secondary education are negative. Using quantile regression method, the paper found that the effect of education is not the same across the wage distribution and returns differ considerably within education groups across different quantiles of the wage distribution.

The paper **Climate Change and Sea-level Rise: A Review of Studies on Low-lying and Island Countries (No. 359)** by Nidhi Rawat, M S Umesh Babu and Sunil Nautiyal discusses the relevant literature on climate change and its impact on sea-level rise in the countries of low-lying areas (Bangladesh) and islands (Tonga). The study makes an attempt to highlight the causes and impacts of sea-level rise. The review shows that there is an increase in the sea level rise (0.2 m) in the coastline of Bangladesh that is adversely affecting nearby biodiversity spots. As a noticeable result, one of the most fragile ecosystems Sundarban mangrove is facing the threat of rising sea-levels. The renowned, native plant Sundari is on the verge of extinction. Similarly, the study found numerous instances related to sea-level rise in the island country of Tonga.

The paper **Educational Outcome: Identifying Social Factors in South 24 Parganas District of West Bengal (No. 360)** by Jhuma Halder explores the learning levels of primary school children and the social factors affecting its outcome drawing from case studies conducted in various districts of West Bengal. The paper notes that the key questions facing primary education are whether the students are learning and the factors affecting learning outcome. Among all the factors, social context plays an extremely important role even today. Social factors like gender, caste and religion create the most common form of educational inequality. This inequality is very prominent in the regions which are geographically backward. The study finds that social factors significantly influence educational outcome.

The paper **Social Exclusion and Caste Discrimination in Public and Private Sectors in India: A Decomposition Analysis (No. 361)** by Smrutirekha Singhari and S Madheswaran offers an empirical analysis of caste discrimination in regular salaried urban labour market in India drawing from 50th, 61st and 68th rounds of Employment and Unemployment Survey data of NSSO. The main conclusions based on decomposition methodology are: (a) the contribution of endowment difference to raw wage

gap is more than that of discrimination. So expansion of educational opportunity can be a useful strategy to reduce such discriminatory treatment against SCs; (b) discrimination causes 19.4 and 31.7 percent lower wages for SCs in the public and private sectors respectively as compared to equally qualified forward castes (c) occupational discrimination-unequal access to jobs- being considerably more important than wage discrimination in both public and private sectors in India. The empirical findings provide strong evidence for the extension of Affirmative Action policy to the private sector.

Agamoni Majumder and S Madheswaran in their paper **Value of Statistical Life: A Meta-Analysis with Mixed Effects Regression Model (No. 362)** present a meta-analysis based on 34 observations from 30 VSL studies which have used hedonic wage method to estimate VSL. The meta-analysis based on mixed effects regression method suggests that the emerging areas such as the effect of worker's age, compensation benefits and long-term health-related job risk need to be explored further when VSL is estimated. The paper also critically reviews many new developments took place in VSL literature, especially various econometric issues with estimation of VSL besides addressing various other issues like role of unionization and effects of worker's compensation benefits on risk premiums, heterogeneity issues of VSL and existence of segmented labour markets

The paper **Informal Employment in India: An Analysis of Forms and Determinants (No. 363)** by Rosa Abraham disaggregates informal employment into different forms, with particular focus on the growing informalisation of the labour force by formal enterprises. The analysis of the determinants of forms of informal employment moves beyond the standard binary approach to informal employment and uses a multinomial probit model with correction for sample selection bias. The results reveal a clear distinction amongst the workers in different types of informal employment. The informally employed in informal enterprises and the self-employed were generally the relatively young and uneducated. However, the more recent form of informal employment, i.e., the informal employment in formal enterprises, is comprised of relatively older and well-educated individuals. The results challenge conventional notions of the informal labour force as being comprised of the very old or very young, illiterate or under-educated individuals. We find, for instance, that a young graduate was

far more likely to be engaged informally in formal enterprises, rather than formally. The results provide a direction for policy to supplement education reform with reform of employment conditions.

The paper **Ecological History of An Ecosystem Under Pressure: A Case of Bhitarkanika in Odisha (No. 364)** by Subhashree Banerjee offers a discussion on the symbiotic relationship between eco system and livelihood, which also makes forests and forest dwellers as inseparable, highlighting the case of Bhitarkanika forest in Odisha. Drawing from archival materials and oral history, the paper details various dynamics of the systems in the process of this change. History tells us that there has been a tremendous mismanagement of resources in Bhitarkanika along with an increase in population. Though the declaration of National Park and restriction on the entry and exist proved to be a boon for conservation purpose, the task of reversing the population pressure on National Park still needs to be addressed.

MONOGRAPHS

An Overview

The monograph titled **'Defending the Green Realm: The forest conservation Act 1980 of India: In Theory and Practice' (No. 44)** by P J Dilip Kumar discusses how does a nation make the choice between preserving its green wealth in the form of forests, grasslands, wetlands, water bodies, coastal zones and beaches, marine resources, and wildlife habitats and meeting the ever-increasing demands from the development sectors? Offering a critical analysis of the colonial and post- Independence regimes, the monograph contextualises contemporary the debate of development and regulationalism from the perspective of sustainability. The monograph also provides a detailed account of important issues such as the application of the law in the practice of forest land regulation. The author concludes by stressing the need to explain the working of the Forest Conservation Act in all its complications, so that the public and the interested stakeholders are better informed and equipped to deal with it in the spirit in which the law was made.

'Imperatives of Trade Facilitation in the Context of India's Select Special Economic Zone' (No. 45) by Malini L Tantri discusses India's Special Economic Zones (SEZs) policy, in the context that SEZs are

reportedly known as the leading export sector of the country. Analysis indicates that the new SEZ policy has undoubtedly initiated the first step towards identifying and statutorily mandating a few provisions required to reduce the timeline and transaction costs involved in trade. The study also finds that the conventional SEZs are in a better position compared to the new generation SEZs in matters of trading facilities, given their closer proximity to Development Commissioner's office, customs authorities and other trade facilitating agencies.

'Ecology, Climate Change and Coping Mechanism for Health and Livelihoods in Semi-Arid Tropics of India' (No. 46) by K V Raju, S Manasi, Hemalatha B R, S Poornima and K P Rashmi addresses some of these challenges by considering climate change at a micro level by drawing indicators from the IPCC, examining trends in climate change variability and their implications for livelihoods, agriculture, land use patterns, forests and water resources supported by meteorological data, perceptions and coping mechanisms of local communities. Besides, the study also evaluates the private intervention of the health service provider Soukya Foundation under AYUSH program and its scope of reviving traditional health care systems. Given the bigger challenge of providing health care in India, the influence of life style change and alternate medicine is seen as a positive option for improving the health status of the masses.

Books Published/Edited

'State, Governance and Financing India's Development'. New Delhi: Cambridge University Press, 2016 – **Gayithri, K and K V Raju** (edited).

'Work and Health in Informal Economy: Linkages from Export Oriented Garment Sector in Delhi'. New Delhi: Daanish Books, 2016 – **George, Sobin**.

'MGNREGA: Employment, Wages and Migration in Rural India'. Taylor & Francis, London and New York: Routledge, 2016 – **Kumar, Parmod and Dipanwita Chakraborty**.

'Indian Agriculture: Performance, Growth and Challenges; Essays in Honour of Professor Ramesh Sharma' (Eds). Taylor & Francis, London and New York: Routledge, 2016 – **Kumar, Parmod and S Mohanakumar**.

(Continued on page 16)

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'Sustainable Development and Environmental Pollution'. Delhi: Bookwell, 2016 – **Lakshmana, C M.**

'Challenges in Achieving Food Security in India'. Bengaluru (Karnataka): Niruta Publications, 2016, - **Lingaraju, M, S C Shivashankar, Mohan Das, Ananda K D and Ms Latha J.**

'Climate Change Challenge (3C) and Social-Economic-Ecological Interface-Building'. Springer International Publishing Switzerland, ISBN 978-3-319-31013-8, 2016 – **Nautiyal, Sunil, R Schaldach, K V Raju, H Kaechele, B Pritchard and K S Rao.**

'Special Economic Zones in India: Policy, Performance and Prospects'. Cambridge University Press, 2016 – **Tantri, Malini L .**

Articles Published in Journals/Edited Books

'Decentralised Planning: Implementation in Karnataka' (in Kannada). In S Ravi Prakash (ed), *Karnataka's Development: Review of Economic, Social and Sustainable Development*. Southern Economist, 2016 – **Babu, M Devendra.**

'Indian Agriculture in the Face of Climate Change'. Proceedings of the National Seminar on Climate Change and Agrarian Economy - An Indian Perspective held at UAS Dharwad, January 22-23, 2015 pp 55- 70 - **Chengappa, P G and Devika C M.**

'Structural Transformation in the Indian Coffee Sector: Need for Coping with Global Market Trends'. *International Journal of Agriculture Sciences*, 8 (42):1847-1853, 2016 - **Chengappa, P G, Pradeepa Babu, B N and Devika C M.**

'Valuing the Recreational and Educational benefits of Butterfly Parks in India'. *Journal of Ecology, Environment and Conservation*, 22 (2): 914-955, 2016 - **Chengappa, P G, Devika, C M and Karl M Rich.**

'Diversification of Indian Agriculture Towards High Value High Value Commodities: A temporal and Spatial Analysis'. In C Ramasamy and K R Ashok (eds), *Vicissitudes of Agriculture in the Fast Growing Indian Economy: Challenges, Strategies and the Way Forward*. Mumbai: Indian Society of Agricultural Economics, 2016 - **Chengappa, P G, Arun, M and Yadava, C G.**

'Electronic Marketing: It's Application in Agri-Business'. In *Food Expectations of the People in the New Millennium-The Basics of Human Civilization: Food, Agriculture and Humanity*. New Delhi: Prem Nath Agricultural Science Foundation (PNASF), Bengaluru and Westville Publishing House - **Chengappa, P G, M Umanath and K Vijayasarathy.**

'Prioritizing Sectors to Decouple GHG Emissions with Economic Growth in India: An Environmental Social Accounting Matrix Based Analysis'. In A Goswami and A Mishra (eds), *Modelling, Analysis, and Policy for Sustainability*. USA: IGI Global Publisher, 2016 - **Deb Pal, Barun and Sanjib Pohit.**

'The Conflict Between Economy and Environment - An Environmentally Extended Social Accounting Matrix for India'. In Sunil Nautiyal et al, *Climate Change Challenge (3c) and Social-Economic-Ecological Interface-Building*. Springer, 2016 - **Deb Pal, Barun.**

'Are the Indian National Highway PPPs More Efficient than Non-PPPs? An Empirical Analysis through Data Envelopment Analysis'. *Journal of Infrastructure Development*, 8 (1): 27-35, 2016 - **Gayithri, K and Nagesha Gopalakrishnaiah.**

'Quality of HMIS Data in Karnataka: A District Level Analysis'. In C R K Nair and K S James (eds), *Maternal and Child Health in India: A Compendium of Studies Conducted by the Population Research Centres*, 2016, pp171-184, New Delhi: Ministry of Health and Family Welfare, GoI – **James, K S and Prabhuswamy, P.**

'Sustainable Coffee Marketing: Challenges and the Way Forward'. *Indian Journal of Marketing*, 46 (1): 35-48, January 2016 – **Kumar, Parmod and Gana Shruthy M K.**

'Estimation of Income and Price Elasticities Using Almost Ideal Demand System'. In Rajni Jain and S S Raju (eds), *Decision Support System in Agriculture Using Quantitative Analysis*. Udaipur: Agrotech Publishing Academy, 2016 – **Kumar, Parmod.**

'Economic Impact of Air Pollution from Agricultural Residue Burning on Human Health'. In S Nautiyal et al (eds), *Climate Change Challenge (3C) and Social-Economic-Ecological Interface-Building, Environmental Science and Engineering*. Switzerland: Springer International Publishing, 2016 – **Kumar, Parmod and Surender Kumar.**

'Energy Generation by Use of Crop Stubble in Punjab'. In S Nautiyal *et al* (eds), *Climate Change Challenge (3C) and Social-Economic-Ecological Interface-Building, Environmental Science and Engineering*. Switzerland: Springer International Publishing, 2016 – **Kumar, Parmod**.

'Trends in Production and Consumption of Foodgrains and Oilseeds in Southern States in India'. In Seminar Proceedings on *Prospects for Agriculture in India's Southern Region over the Medium Term: Setting an Agenda for Strategies to Meet Challenges*. Madras Institute of Development Studies and FAO, March 2016 – **Kumar, Parmod**.

'Age Structure Shift and Economic Development in South India'. *IER Journal of Health and Demography*, 1 (1), July 2015. Published in 2016 - **Lakshmana, C M**.

'Impact of Informal Groundwater Markets on Efficiency of Irrigated Farms in India: A Bootstrap Data Envelopment Analysis Approach'. *Irrigation Science (Springer)*, 34 (1): 41-52, January 2016 - **Manjunatha, A V, Speelman S, Aravindakshan S and Mal, P**.

'Present Status and Prospects of Contract Farming in India'. *International Journal of Agriculture Sciences*, 8 (7): 1072-1075, 2016 - **Manjunatha, A V, Ramappa, K B, Lavanya, B T and Mamatha, N C**.

'Drinking Water, Sanitation and Hygiene Practices of Dalits in Karnataka'. *Journal of Governance and Public Policy*, 5 (2), July-December 2015, pp. 82-102 – **Maruthi, I and Pesala Busenna**.

'Management of Leaf Rust Disease by Household Coffee Farmers in India: Evidence and Implications for Price and Income Effects on Chemical Controls'. *Agricultural Research*, 5: 43-50, 2016 - **Narayana, M R**.

'India's Age Structure Transition, Sectoral Labor Productivity and Economic Growth: Evidence and Implications Based on National Transfer Accounts'. *Population Research and Policy Review*, 34: 381-415, 2015 - **Narayana, M R**.

'Conservation and Management of Forest Resources in India: Ancient and Current Perspectives'. *Natural Resources*, 6: 256-272, 2015 – **Nautiyal, Sunil and Umesh Babu M S**.

'Plant Diversity and Associated Traditional Ecological Knowledge of Soliga Tribal Community of BRTR:

A Biogeographic Bridge for Western and Eastern Ghats, India'. *Medicinal Plants - International Journal of Phytomedicines and Related Industries*, 8 (1): 1-17, 2016 – **Nautiyal, Sunil, Mannam Sravani and C Rajasekharan**.

'Diversity of Zooplankton and their Seasonal Variations of Gogi Lake, Shahapur Taluk, Yadgir District, Karnataka, India'. *International Research Journal of Environment Sciences*, 5 (1): 32-38, 2016 – **Nautiyal, Sunil, YD Imran Khan and Pavan Tikhile**.

'Dynamic Interaction between, Foreign Portfolio Investment (FPI), Domestic Institutional Investors (DIIs) and Stock Market Returns in India'. In Conference Proceedings. Department of Commerce, Davangere University, Karnataka, 2016 - **Raj, Krishna and Dhananjaya K**.

'Ways Out of the Poverty Trap'. *Teacher Plus (Economics Special)*, 15 (5), May-June, 2015 - **Rajasekhar, D**.

'Crop Insurance in Karnataka'. In Conference Volume: *Prospects for Agriculture in India's Southern Region over the Medium Term: Setting an Agenda for Strategies to Meet Challenges*. Madras Institute of Development Studies, January 2016 – **Rajeev, Meenakshi, Manojit Bhattacharjee and B P Vani**.

'Climate Change, Risk, Uncertainty and Mitigation: Crop Insurance in India'. *Social Science Research Network*, 2731503, February 2016 – **Rajeev, Meenakshi, B P Vani and Manojit Bhattacharjee**.

'Is Effective Cost of Borrowing Too High for SHGs?: Understanding the Role of Transactions Costs'. *Social Science Research Network*, 2747778, March 2016 – **Rajeev, Meenakshi, B P Vani and Veerashekharappa**.

'A Study of Domestic Marketing Channels of Fisheries in Bangalore in City'. *Social Science Research Network*, 2747782, March 2016, by **Rajeev, Meenakshi and Supriya Bhandarkar**.

'Small and Marginal Farmers and Rural Nonfarm Activities'. In Conference Volume, *Small Producers in India under Liberalization: Issues and Challenges*. Jaipur: Institute for Development Studies, March, 2016 - **Rajeev, Meenakshi**.

'Agricultural Subsidies and Food Security: A Comparative Analysis of India and China'.

International Journal of Agriculture Sciences, 8 (7): 1057-1063, 2016 – **Ramappa, K B** and **Manjunatha, A V**.

'Impact of MGNREGA Scheduled Tribe Workers on Poverty in Sikkim'. *Journal of Rural Development*, 35 (1): 77-95, 2016 - **Reimeingam, Marchang**.

'Korean Media: A Catalyst of Acculturation to Korean Culture in Manipur'. *Journal of North East India Studies*, 5 (2): 1-17, 2016 - **Reimeingam, Marchang**.

'New Paradigms of Labour Relations: How Much Do they Explain?' In R Nagraj (ed), *Political Economy of Contemporary India*. Cambridge University Press, 2016 - **RoyChowdhury, Supriya**.

'Employers Associations in India: Responses to Economic Liberalization'. In John Benson (ed), *Employers Associations in Asia*. London: Routledge – **RoyChowdhury, Supriya**.

'Decentralisation and Political Empowerment of Women in PRIs: Politics of Inclusion and Exclusion'. In *Gender Relations and Politics in Panchayat Raj Institutions* (Proceedings of the UGC Sponsored State Level Conference, organized by Mulki Sundar Ram Shetty College, Shirva, Udupi, Karnataka), January 2016 - **Sivanna, N**.

'India's Rural Employment Guarantee Scheme: Has it Reduced Poverty in Chitradurga District of Karnataka?' *Management and Labor Studies (Sage)*, 40 (3&4): 366-384, January 2016 - **Sridhar, Kala Seetharam** and **A V Reddy**.

'Suburbanization of India's Cities: What is the Evidence from Gulbarga?' *Environment and Urbanization Asia (Sage)*, 7 (1): 93-112, January 2016 - **Sridhar, Kala Seetharam** and **Priya Narayanan**.

'Solid Waste Management in Asia-Pacific: What Explains Its Coverage?' *Public Works Management and Policy (Sage)*, 21 (1): 53-70, January 2016 - **Sridhar, Kala Seetharam**.

'Economic impacts of climate change in India's cities'. In S Nautiyal et al (eds), *Climate Change Challenge (3C) and Social-Economic-Ecological Interface-Building, Environmental Science and Engineering*. Switzerland: Springer International Publishing, 2016 - **Sridhar, Kala Seetharam**.

'Distance Barrier in Institutional Delivery in Rural India'. In C R K Nair and K S James (eds), *Maternal*

and Child Health in India: A Compendium of Studies Conducted by the Population Research Centres, 2016. New Delhi: Ministry of Health and Family Welfare, GoI - **Syamala, T S**.

'India's Support System for the Elderly: The Emerging Challenges'. In K Garithri and K V Raju (eds), *State, Governance and Financing India's Development*. Cambridge University Press, India - **Syamala, T S** and **K S James**.

'Mobility through Sanskritisation : An Apparent Phenomenon?', *Economic & Political Weekly*, LI (24): 12-14, June 2016 - **Yadav, Manohar**.

Working Papers Published Outside ISEC

'Will a Universal Health Coverage Policy be Fiscally Sustainable for India? New evidence and Implications'. *MPRA Working Paper No.69637*, February 2016. Munich Personal RePEc Archive, Munich University Library (Munich, Germany). <https://mpra.ub.uni-muenchen.de/69668/> - **Narayana, M R**.

'Age Structure Transition, Public Education Expenditure and Economic Growth: New Macroeconomic Evidence for India'. *Working Paper No.16-01*, January 2016. National Transfer Accounts Project, University of Hawaii at Manoa (Hawaii, USA). <http://www.ntaccounts.org/web/nta/show/WP16-01> - **Narayana, M R**.

'Public Expenditure Requirements and Financing Options for a National Level Universal Old Age Pension Scheme in India'. *BKPAI Working Paper Series II: No.6*, December 2015. United Nations Population Fund (UNFPA) (New Delhi, India). <http://countryoffice.unfpa.org/india/drive/Workingpaper6.pdf> - **Narayana, M R**.

'The Impact of Infrastructure Provisioning on Inequality: Evidence from India'. *Global Labour University Working Paper No. 35*, International Labour Office – **Rajeev, Meenakshi** and **Sumedha Bajar**.

'Financial Inclusion and Disparity: A Case of India'. *Global Labour University Working Paper No. 37*, ILO Publications – **Rajeev, Meenakshi**.

'Crop Insurance and Risk Mitigation: Experiences from India', International Center for Development and Decent Work, Kassel University, Germany, January 2016 – **Rajeev, Meenakshi, B P Vani** and **Manojit Bhattacharjee**.

'Climate Change, Risk, Uncertainty and Mitigation: Crop Insurance in India', *Social Science Research Network*, 2731503, February 2016 – **Rajeev, Meenakshi**.

'Is Effective Cost of Borrowing Too High for SHGs? : Understanding the Role of Transactions Costs', *Social Science Research Network*, 2747778, March 2016 - **Rajeev Meenakshi**.

Keynote/Presidential Addresses

Chengappa, P G

Delivered the Presidential address at the Annual day of Murnad College, organized by the Murnad Education Society, Murnad, Kodagu District, January 2, 2016.

Delivered Keynote address at the National Management Convention-2016 on Sustainable Agribusiness in India, organised by the KIIT School of Management, Bhubaneswar, February 19-20, 2016.

Madheswaran, S

'Dr Ambedkar's Economic Insights in Indian Planning and Economic Development' at the Seminar on The Contemporary Relevance of Social and Political Thought of Babasaheb Ambedkar, organized by Mahatma Gandhi Labour Institute, Ahmedabad, Gujarat, March 19-20, 2016.

'Private Sector and Social Inclusion: Issues related to Employment, Capital and Education', in the 125th Birth Anniversary of Dr B.R. Ambedkar, organized by Indian Institute of Dalit Studies, April 14, 2016.

'Social Exclusion and Caste Discrimination in the Urban Labour Market', in the National Seminar on 68th and 69th Rounds of NSS data, organized by MOSPI, GOI, IGIDR, May 26-27, 2016.

'Labour Market Discrimination: Methodological Developments', in the Seminar on Strategies of Development for Wholesome life, organized by Mohanlal Sukhadia University, Udaipur, June 10-11, 2016.

Nautiyal, Sunil

'Climate change and Micro-level Impacts', in the Workshop on Knowledge Sharing Workshop on Climate Change, organized by EMPRI, Bangalore, March 29, 2016.

Rajasekhar, D

'Youth Development' in the Talent Search Programme, organized by ISEC, Bangalore, January 2016.

'Roles of PRIs in Health', in the Induction Training for Medical Officer, at Tumkur, February 5, 2016.

'Youth and Skill Development' to Bangalore Social Science Forum, at the National College, Bangalore, February 20, 2016.

'Randomised Controlled Trial' to participants of Flair Programme at ISEC on February 23, 2016.

'Hypotheses, Indicators, Research Design in Social Science' in the ICSSR sponsored orientation programme for research scholars and faculty members at ISEC. March 14, 2016.

Rajeev, Meenakshi

Keynote Address at conference on Positioning of Cooperatives in Emerging Market Economies, Indian Society for Studies in Cooperation, Mysore, March 5, 2016.

Papers Presented at Conferences/ Workshops/Seminars

Abraham, Rosa

Informal Employment in India: An Analysis of Forms and Determinants; at the 52nd Annual Conference of The Indian Econometric Society, organized by The Indian Econometric Society & IIMK, January 4-6, 2016, at Kozhikode, Kerala.

Informal Employment in India: An analysis of Forms and Determinants; at the NSS Users Seminar survey results relating to the subjects, (i) Household Consumer Expenditure & Employment-Unemployment covered during its 68th round (July 2011-June 2012) and (ii) Drinking Water, Sanitation, Hygiene & Housing Condition and Slums covered during its 69th round, organized by NSSO, May 26-27, 2016, at IGIDR, Mumbai.

Babu, M Devendra

Decentralised Management of Fluoride Chemical affected Drinking Water: A Case Study of Chikkaballapur District in Karnataka; at the Seminar on The New Rural Paradigm: Policies and Governance, organised by NIRD, Hyderabad, February 3-4, 2016, at Hyderabad.

(with D Rajasekhar) Panchayats Finances in Karnataka: Challenges and Prospects; at the workshop for 4th State Finance Commission Team, organised by Institute for Social and Economic Change, Bangalore, March 9, 2016, at Bangalore.

Bairagya, Indrajit

(with Chanamma Kambara and R Mutharayappa) Urban Informal Sector: A Study of Street Vendors in Bangalore City; at the National Seminar on Dynamics of Service Sector in India, organized by Department of Economics, Bangalore University, May 13-14, 2016, at Bangalore.

Balasubramanian, M

Economics of Urban Ecosystem Services in Bangalore; at the 8th Biennial Conference on Urbanization and the Environment, organized by Indian Society for Ecological Economics (INSEE), January 4-6, 2016, at Indian Institute of Science (IISc), Bangalore.

Environmental Sustainability and Human Well-Being in India; at the Project Meeting on Indo-SWISS project on Multidimensional Well-being: Conceptual, Methodological, and Analytical Perspectives, organized by Institute for Social and Economic Change, January 27-28, 2016, at Bangalore.

Chengappa, P G

Prospects for Agriculture in India's Southern Region: The Regional Context; at the Workshop on Prospects for Agriculture in India's Southern Region over the Medium Term: Setting an Agenda for Strategies to Meet Challenges, organised by Madras Institute of Development Studies, Chennai, January 21-22, 2016, at Chennai.

Emerging Areas and Programmes in Agriculture Education through ODL and their Accreditation; at the seminar organised by the School of Agriculture, Indira Gandhi National Open University (IGNOU), New Delhi, January 28-29, 2016, at New Delhi.

Market for Genetically Modified Food at the Bangalore; at the India Bio Conference, organised by The Lalit Ashok, Bangalore, February 9-11, 2016, at Bangalore.

Contribution of ODL System in Respect of Access, Equity, Relevance and Quality in the System of Higher Education; at the Seminar on Prospects of Open Distance Learning (ODL) System, organized

by Central College, Bangalore University, Bengaluru, February 13, 2016, at Bangalore.

Linking Farmers to Markets: Opportunities for Agribusiness in India; at the 26th Annual International Food and Agribusiness Management (IFAMA) World Conference, organised by Aarhus, Denmark, June 19-23, 2016.

Devika, C M

The Sustainable Future for Indian Coffee: Certified, Organic and Specialty coffee; at the Third INDIALICS International Conference on Innovation and Sustainable Development under the Innovation System for Inclusive and Sustainable Development of Agriculture Including Plantation Crops, organized by CDS, Trivandrum, March 16-18, 2016, at Trivandrum.

Gayithri, K

Financing Human Development in Karnataka; at the Karnataka State Human Development Report Workshop, organized by the Planning Department, Government of Karnataka, Bangalore, February 12, 2016, at Bangalore.

Kambara, Channamma

(with R Mutharayappa and Indrajit Bairagya) Urban Informal Sector: A Study of Street Vendors in Bangalore City; at the National Seminar on Dynamics of Service Sector in India, organized by Department of Economics, Bangalore University, May 13-14, 2016, at Bangalore.

Kumar, Parmod

Updated Estimates on Demand and Supply Scenarios of Food Grains and Edible Oils; at the Workshop on the Indian Agricultural Outlook: the 2016 Rabi Season and Medium-term Prospects, organised by National Council of Applied Economic Research, January 13, 2016, at India International Centre, New Delhi.

Trends in Production and Consumption of Food Grains and Oilseeds in Southern States in India; at the Two-day Seminar on Prospects for agriculture in India's Southern Region, organized by Madras Institute and Development Studies, January 21-22, 2016, at MIDS, Chennai.

Food Security in Southern India; at the Workshop on Prospects for Agriculture in India's Southern Region, organized by MIDS, Chennai, January 21-22, 2016, at Chennai.

Energy Generation and other Alternate Uses of Crop Stubble; at the Two Day National Workshop - cum-Training Programme on Renewable Energy - Law Policy and Climate Change, organised by CEENR, ISEC Bangalore, February 26-27, 2016, at Bangalore.

Presented a paper at International Seminar on Changing Contours of Indian Agriculture: Agricultural Growth, Non-farm Employment and Rural Poverty, organized by CSRD JNU, New Delhi, March 12-13, 2016.

Production Structure of Horticulture; at the Two Days Seminar on Small Producers Under Liberalization in India: Challenges of Survival, organized by Institute of Development Studies, Jaipur, March 28-29, 2016, at Jaipur.

MGNREGA: Opportunities and Challenges for Climate Change; at the Two-day knowledge forum on Climate Resilient Development in Himalayan and Downstream Region, jointly organized by IEG and ICIMOD, June 16-17, 2016, at India Habitat Center, New Delhi.

Majumder, Agamoni

(with Prof S Madheswaran) Meta-analysis of Value of Statistical Life; at the 52nd Annual Conference of The Indian Econometric Society, organized by The Indian Econometric Society, IIM Kozhikode, January 4-6, 2016, at Kozhikode.

Manjunatha, A V

(with Thippaiah P) Overview of Slums in Bangalore; at the International Workshop on Food Security in India: The Interactions of Climate Change, Economics, Politics and Trade, jointly organized by National Institute for Consumer Research (SIFO), Norway & ISEC, January 19, 2016, at Bangalore.

Groundwater Management Options in Karnataka; at the Workshop on the National Groundwater Improvement Programme, organized by the Water Resources Department, Government of Karnataka, Vikasa Soudha, Bangalore, 2016, at Bangalore.

Maruthi, I

Expenditure Inequalities among the School Children in Dalit Households: Selected Villages in Karnataka; at the National Seminar on The New Rural Paradigm – Policies and Governance, organised by National Institute of Rural Development and Panchayat Raj, Hyderabad, February 3-4, 2016, at Hyderabad.

Nautiyal, Sunil

Socio-Ecological Development under Changing Environment: A Case Study; at the International Workshop on Ecological Systems in the Indian Rural-Urban Interface: Functions, Scales and Dynamics of Transition, organized by HESCO, Dehradun, February 13, 2016, at Dehradun.

Climate Change and Protected Areas Development: Indian Perspectives; at the Two-day National Workshop-cum Training Programme on Renewable Energy, Law Policy and Climate Change, organized by ISEC in association with Centre for Sustainable Development, Bangalore, February 26-27, 2016, at Bangalore.

Climate Change and COP 21: Indian Perspectives (21st Conference of Parties to Climate Change (Parsi) Panel Discussion); at the Two-day National Workshop-cum-Training Programme, organized by Renewable Energy, Law Policy and Climate Change, organized by ISEC in association with Centre for Sustainable Development, Bangalore, February 26-27, 2016, at Bangalore.

Ecosystem Services Under Changing Climate; at the Knowledge Sharing Workshop on Climate Change, organized by Environmental Management and Policy Research Institute (EMPRI), March 29, 2016, at Bangalore.

Raj, Krishna

(with Dhananjaya K) Assessing the Inter Bank Disparity in Non-Performing Assets (NPAs) Management in Indian Banks; at the International Conference on Management in 21st Century-Issues, Challenges and the Road Ahead, organized by the Department of Management, St. Aloysius College (Autonomous), Mangalore, March 21, 2016, at Mangalore.

(with Dhananjaya K) Dynamic Interaction between, Foreign Portfolio Investment (FPI), Domestic Institutional Investors (DIIs), and Stock Market Returns in India; at the National Conference on 25 Years of Financial Sector Reforms: A Look-Back and Ahead, organized by the Department of Commerce, Davangere University, Karnataka, April 22-23, 2016, Davangere.

Rajasekhar, D

(with M Devendra Babu) Panchayats Finances in Karnataka: Challenges and Prospects; at the workshop for 4th State Finance Commission Team, organised by Institute for Social and Economic Change, Bangalore, March 9, 2016, at Bangalore.

Rajeev, Meenakshi

Crop Insurance in Karnataka; at the Conference on Prospects for Agriculture in India's Southern Region over the Medium Term: Setting an Agenda for Strategies to Meet Challenges, organised by Madras Institute of Development Studies, Chennai, January 2016, at Chennai.

Crop Insurance and Risk Mitigation: Experiences from India; at the Conference on Decent Work and Sustainable Development along Rural-Urban Gradients, organised by TISS, Guwahati, February 2016, at Guwahati.

Small and Marginal Farmers and Rural Nonfarm Activities; at the Conference on Small Producers in India under Liberalization: Issues and Challenges, organised by Institute for Development Studies, Jaipur, March 2016, at Jaipur.

Roy Chowdhury, Supriya

Bangalore: Unskilled Workers, Employment and Livelihood; at the conference on Bangalore: The Great Transformation, organised by National Institute of Advanced Studies and University of Minnesota, June 24-25, 2016, at NIAS, Bangalore.

Discussion Note Poverty in India: a Labour Perspective; at the South Asia Alliance for Poverty Eradication, Consultation, organised by National Law School of India University, Bangalore, May 11, 2016, at Bangalore.

Sivanna N

Decentralisation and Political Empowerment of Women in PRIs: Politics of Inclusion and Exclusion; at the State Level Conference on 'Gender Relations and Politics in Panchayat Raj Institutions', organised by Nitte University, Dakshina Kannada, January 28, 2016.

Right to Information and Public Service: Master Keys to Good Governance; at the National Seminar on 'Democracy in Transition India: Trends and Issues, organised by Basaveshwara College, Rajajinagar, January 8-9, 2016, at Bangalore.

Empowerment of Women through Reservation and Participation in Local Bodies; at the National Seminar on 'The New Rural Paradigm – Policies and Governance', organized by the Centre for Human Resource Development, NIRD, Hyderabad, February 3-4, 2016, at Hyderabad.

Sridhar, Kala Seetharam

Don't We Like Our Cities to be Open Defecation Free?; at the Panel on Participatory Approaches to Urban Sanitation, organised by National Summit on Sustainable Water and Sanitation (NSSWS), CDD Society, Ministry of Urban Development (MoUD), Government of India, Ministry of Drinking Water and Sanitation (MoDWS), Government of India and Nispana Innovative Platforms, Bengaluru, January 8, 2016, at Bangalore.

Social Infrastructure in Indian Cities, Regions and Their Impacts; at the National Seminar on Dynamics of Social Infrastructure in India - Emerging Issues, Prospects and Challenges, organised by University Grants Commission and Mount Carmel College, Bengaluru, February 24, 2016, at Bangalore.

The Potential of Land Leasing and Sales in India's Cities; at the Discussion with Karnataka's Fourth State Finance Commission, organized by Institute for Social and Economic Change, March 9, 2016, at Bangalore.

(with K C Smitha) The Urban Transport Governance Initiative (TGI) Toolkit: The Pilot from Bengaluru; at the Annual Conference on Sustainable Cities and Transport (ConnectKaro), organised by World Resources Institute, New Delhi, April 7, 2016, at New Delhi.

How to Identify Specialization? The Case of India's Cities; at the Workshop on Urbanization and Infrastructure in Asia, organised by Asian Development Bank Institute and Central University of Finance and Economics, Beijing, China, June 16, 2016, at China.

Bengaluru's Urban Form and Evolution: Theory and Empirical Evidence; at the Seminar on Planning city-regions in India, organised by Regional Studies Association-National Institute of Urban Affairs, New Delhi, June 20, 2016, at New Delhi.

Subaiya, Lekha

(with Reeve Vanneman and Sonalde Desai) Change in Women's Decisionmaking and Mobility in India; at the Annual Meeting of the Population Association of America, organized by Population Association of America, March 31-April 2, 2016, at Washington DC, USA.

(with Sonalde Desai, Reeve Vanneman and Amy McLaughlin) Gender, Family and Education in India: Is Women's Empowerment Increasing as Household Incomes Increase?; at the Annual Meeting of the Population Association of America, organized by

Population Association of America, March 31-April 2, 2016, at Washington D.C, USA.

Syamala, T S

Geographic Barriers in Institutional Delivery in Rural India; at the National Seminar on Population and Development: Issues and Challenges in 21st Century, organised by International Institute for Population Sciences, Bombay, March 18-19, 2016, at Vasant Naik State Agricultural Extension Management Training Institute (VANAMAT), Nagpur.

Yadav, Manohar

Emerging Awakening among Dalit youth in India; at the Seminar on Politics in University Campus and Dalit Victims, organized by Karnataka Dalit Intellectual Forum & DSS (Bhimavada), February 16, 2016, at Central College, Senate Hall, Bengaluru.

Kanshi Ram and Alternative Dalit Politics; at the Seminar on Alternative Dalit Politics and Dalit Intellectuals, organized by Karnataka Dalit Intellectual Forum and DSS (Bhimavada), March 15, 2016, at State Youth Centre, Yavanika, Bengaluru.

Ruptures in Dalit Movement; at the Seminar on The Future of Dalit Movement in Karnataka, organised by Dalit Sangharsha Samiti (Ambedkar Vada), May 9, 2016, at Conference Hall, Central College, Bengaluru.

Honours/Awards/Fellowships

Chengappa, P G

Visited Denmark and attended the International Food and Agribusiness Management Association Conference, June 19-23, 2016.

Gayithri, K

Visited Andrew Young School of Public Policy, Georgia State University, USA.

Madheswaran, S

Visited Switzerland to present the collaborative research paper on Multi-Dimensional well being, May 31-June 5, 2016.

Conferred as a Research Fellow, The Institute for the study of Labour (IZA), University of Bonn, Germany, till March 31, 2019.

Nautiyal, Sunil

Invited to deliver lecture in plenary session on

domestic energy requirement: issues and challenges in Indian perspective at the Breakthrough Institute, San Francisco, USA, June 21-24, 2016.

Rajeev, Meenakshi

Visited Norwegian Institute of International Affairs (NUPI) in 2016.

Jury for the Reserve Bank of India Essay Competition, February 2016.

Rajasekhar, D

Professor Sanjaya Lall prize was awarded to the paper titled 'Collusion, Co-option and Capture: Social Accountability and Social Audits in Karnataka, India' (with Salim Lakha and R Manjula), published in the journal of Oxford Development Studies as the best article in 2015 for its contribution to development studies.

Sridhar, Kala Seetharam

Visiting ICCR Chair Professor of Indian Studies, University of Nairobi, Department of Economics.

Invited member, Advisory council, Regional Studies Association India Division, June 2016

Offices Held in Academic/Professional/ Administrative Bodies

Bairagya, Indrajit

Member of Board of Studies of the Department of Economics (UG BA courses), St Joseph's College (Autonomous), Bangalore.

Balasubramanian, M

Women task force committee member Government of Karnataka 2016

Referee, Ecosystem Services (Elsevier) and Land Use Policy (Elsevier) from February 2016

Gayithri, K

Member, Question paper scrutiny Board, Sathya Sai Institute of Higher Learning, Prashanthinilayam

Independent Director, Board of Directors, Hassan Mangalore Rail Company

Member, State Taxes Committee, FKCCI

George, Sobin

Member of Board of Studies in Christ University, Sociology.

Inbanathan, Anand

Member of Board of Studies in Christ University, Sociology and attended BoS Meeting.

Member of Board of Studies in Mount Carmel College, Sociology and attended BoS meeting.

Kumar, Parmod

Member, Interview board, Kerala during 12-14 May 2016.

Lakshmana, C M

External Examiner, Board of Examiners, Department of Geography, Bengaluru University, Bengaluru.

Member, Expert Committee for the preparation of Social and Educational Survey Report on Backward Classes of Karnataka, appointed by the Government of Karnataka, Bengaluru.

Madheswaran, S

Panel Expert, Project Evaluation, ICSSR, March 1-3, 2016.

Chairperson, Youth Development Index Committee, RGNIYD, Ministry of Youth Affairs Chennai, May 23-24, 2016.

Technical Advisory Committee Member, Rajasthan State Human Development Report, Government of Rajasthan, May 2016-17.

Chairperson, Steering Committee, Youth Development Index, Ministry of Youth Affairs, RGNIYD.

Panel Expert, Project Evaluation, ICSSR.

Nautiyal, Sunil

Life member, Indian Science Congress Association, from January 25, 2016 onwards.

Raj, Krishna

Member for an expert committee constituted by Bangalore University for the establishment of Bangalore School of Economics.

Rajeev, Meenakshi

Resource Person for IIIT, Bangalore.

Examining thesis for Jadavpur University and Kolkata University.

Reimeingam, Marchang

Library Committee Member, ISEC, January 2015 onwards.

Roy Chowdhury. Supriya

Member, Jury, Public Hearing on Slum Evictions in Karnataka, January 28, 2016, Alternative Law Forum, Bangalore.

Sridhar, Kala Seetharam

Invited member, Advisory council, Regional Studies Association India Division, June 2016.

Member, Joint Research Councils UK-National Institute of Urban Affairs Network on Sustainable Cities and Urbanization, February 2016.

Yadav, Manohar

Member, Expert Committee Constituted by the Social Welfare Ministry, Government of Karnataka, to look into the research activities of Tribal Research Institute, Mysore, Government of Karnataka.

Member, Board of Examiners, Mysore University

Newspaper Articles

Babu, M Devendra

(with Rajasekhar, D) 'Local Bodies' Polls: Key Issues Absent', *Deccan Herald*, February 12, 2016.

George, Sobin

'Budget 2016: Not Healthy for Health Sector', *Deccan Chronicle*, March 1, 2016. <http://www.deccanchronicle.com/nation/current-affairs/010316/not-healthy-for-health-sector.html>

Rajasekhar, D

(with M Devendra Babu) 'Local Bodies' Polls: Key Issues Absent', *Deccan Herald*, February 12, 2016.

(with R Manjula) 'Reasons for Garment Workers' Stir against PF Rule Changes', *Deccan Herald*, May 11, 2016.

Rajeev, Meenakshi

(Co-authored) 'Financial Inclusion and Self-Help-Group-Bank Linkage Programme', *Deccan Herald*, January 2016.

Reimeingam, Marchang

'Politics of Rugged Road of Kasom Block', *Sangai Express, Imphal*, March 17, 2016.

'North Eastern Region's Cooperation in BCIM Economic Corridor', *Sangai Express, Imphal*, May 12, 2016.

Sridhar, Kala Seetharam

Quoted in *Vijaya Vani* (Bangalore edition) regarding the Bangalore-Mysore Infrastructure Corridor, (<http://epapervijayavani.in/>), January 3, 2016.

Quoted in *Times of India* (Bangalore edition) regarding study on Annual Survey of India City-Systems (ASICS), (<http://timesofindia.indiatimes.com/>), March 15, 2016.

Quoted in *Times of India* (Delhi edition), April 8, 2016 (<http://timesofindia.indiatimes.com/city/delhi/Involve-public-at-project-level-Experts/articleshow/51734784.cms>)

Quoted in *Business Standard* (Bangalore edition), April 20, 2016 (http://www.business-standard.com/article/current-affairs/centre-aborts-pf-curbs-after-workers-rage-116041901021_1.html)

'The Paradox of India's north-south divide: Governance, public services and efficiency', *Fountain Ink Magazine* (upon invitation), 5 (8): (June 2016) 17-26.

Miscellaneous

Babu, M Devendra

Panel Member, in the Panel Discussion on Union Budget 2016-17, organised by School of Management, Kristu Jayanti College (Autonomous), Bangalore, March 2, 2016.

Guided intern Mr Sarash Basumatary on the topic 'Panchayat Raj in Andhra Pradesh: A Critical Review' during April-June 2016.

Bairagya, Indrajit

Reviewed an article titled 'Occupational and Educational Careers of School-teachers in Goa' for *Journal of Social and Economic Development*.

Received young scholar grant to participate in the NBER summer institute workshops at NBER, Cambridge, Massachusetts, United States.

Balasubramanian, M

Guidance to Intern Students:

Ms. Krishna Nair J: Title of the work Climate Change and Impacts on Agriculture in India (June 2016).

Ms. Simranjit Singh: Title of the work "Economics of Solid Waste Management: A Meta-Regression Analysis (June 2016).

Experts Committee Member: State Human Development Report 2015, Chapter 11: Natural Resources, Climate Change and Human Development. Meeting attended dated February 16, 2016 at M.S Building.

Gayithri, K

Contributed a chapter on State Finances to the Economic Survey, Government of Karnataka, 2015-16

Evaluated two PhD dissertations- Central University, Hyderabad and Bombay University, Mumbai

Guided two project interns from Christ University

George, Sobin

Reviewed one article titled "Food Insecurity: Persistence of Hunger among Dalits in Eastern Uttar Pradesh" for the *Journal of Social and Economic Studies*, A N Sinha Institute of Social Studies, Patna.

Reviewed one article titled "Angry Youth and Socio-Political Implications: A Soliloquy in Dark Times" for the *Journal Artha*, Christ University, Bangalore.

Inbanathan, Anand

Supervised the work of three summer interns.

Kumar, Parmod

Made a presentation in the workshop on "Prospects for agriculture in India's Southern Region" organised by MIDS on January 21- 22, 2016.

(with Barun Deb Pal) Presentation on 'Determinants of Domestic Production and Exports of Seasonal Pulse Crops in India - An Econometric Approach', at IFPRI, New Delhi, May 2016.

Given training to MOA and Outlook staff on Econometric Modelling at NCAER New Delhi on July 1, 2016.

Attended the Meeting of the Editorial Board of Glimpses of Indian Agriculture Publication for Ministry of Agriculture, New Delhi, February 18-19, 2016.

Attended Meeting at AERC Delhi for finalizing Glimpses of Indian Agriculture on February 18, 2016.

Attended Meeting at Agricultural Price Commission Karnataka, Bangalore to finalize the study on Crop Insurance In Karnataka on February 24, 2016.

Attended meeting called by the Department of Land Resources to discuss a proposed study on

impact assessment, feedback and suggestions on improving the system of Digital India Land Records Modernization Programme (DILRMP) at Conference Hall Silver Oak 2, India Habitat Center, Lodhi Road, New Delhi on March 3, 2016.

Panel member, in the Seminar on Small Producers Under Liberalization in India: Challenges of Survival, organized by Institute of Development Studies, Jaipur, March 28-29, 2016.

Trainer, in the Training Programme on Econometric Modelling, organized by NCAER, July 1, 2016, NCAER, New Delhi.

Lakshmana, C M

Attended the Expert committee meeting of the Karnataka State Commission for Backward Classes, for the preparation of Social and Educational survey on Backward Classes of Karnataka, Bengaluru, February 18, 2016 and May 31, 2016.

Submission of Two PIP reports of Thuthukudi and Thiruvavur Districts of Tamil Nadu to the Ministry, March, 2016.

Madheswaran, S

Submitted a Concept Note to establish Skill Development and Livelihood Department, Labour Department, ACS office, Government of Karnataka, March 31, 2016.

(with Smt B P Vani) Projection of GSDP and Employment/Unemployment for SDG Report submitted to Additional Chief Secretary, Labour Department, Government of Karnataka, June 2016.

Manjunatha, A V

Project Progress presentation of "Socio-Economic Impact Assessment of Living Micro Organisms (LMOs), Ministry of Agriculture and Farmers Welfare, Directorate of Economics & Statistics, New Delhi, January 22, 2016.

Presented the Final Draft Chapters on 'Research Journals in Social Sciences in India' at the Meeting of ICSSR-IDRC Collaborative Study on "Status of Social Science Research in India", ICSSR, New Delhi, February 26, 2016.

Maruthi, I

Attended Board of Examiners Meeting in Rural

Development, Bangalore University, Bangalore, March 14-15, 2016.

Nautiyal, Sunil

Adjucicated Ph.D. Thesis titled "Socioeconomic Impacts of Climatic Extremes and their management: A Case Study of Floods in Pakistan with Special Reference to Aspects of Mitigation, coping strategies and adaptqation of farming sector" of Mr. Azhar Abbas, Humboldt University, Berlin, Germany (January 2016).

Attended Panel discussion on Outcome of Paris Summit (COP 21) and its implications for India' with special reference to forestry and carbon sink, at Manipal Centre, Bangalore, Organized by Centre for Sustainable Development, January 22, 2016.

Ms. Shobha M V: Title of the work "Environmental Pollution and its impact on Social and Ecological systems" (June 2016).

Two intern students from Indraprastha University, New Delhi, for a period of six months:

Ms. Pooja Tiwari: Title of the dissertation : "Conservation of Traditional Diversity Crops for Food Security" (January – June 2016); and Ms. Asha Lal: Title of the dissertation 'Changes in Land Use and Land Cover in The Perspective of Changing Climate: A Case Study from Karnataka' (January-June 2016)

Attended and participated Research Advisory Committee at IPIRTI on June 7, 2016.

Attended Board of Governors meeting at IPIRTI, Bangalore on May 27, 2016.

Member, Expert Committee for Group Monitoring Workshop of Department of Science and Technology (DST), Govt. of India for evaluation of the research projects under 'People and Protected Areas: Conservation and Sustainable livelihoods in partnership with local communities- 2nd Phase' during January 28-29, 2016 at Sawai Madhopur, Rajasthan.

Conducted Viva-Voce examination of the student of Department of Environmental Sciences, Pondicherry University titled 'Carbon Stock Assessment in Temperate Forests in Kashmir Himalayas, India', on June 24, 2016.

Prabhuswamy, P

Attended Review Meeting on Status and Quality of

HMIS and MCTS at the Regional Office for Health and Family Welfare, Bengaluru, April 29, 2016.

Rajasekhar, D

Reviewed book manuscript submitted to Palgrave Macmillan Publishers, UK.

Conducted viva-voce for PhD student at NIAS on February 5, 2016.

Guided intern Ms Anila B K on topic, 'Reserved for women? Urban Public Transport in Hyderabad and Bangalore' during April-June 2016.

Rajeev, Meenakshi

Keynote speaker on the Statistics Day of India at NSSO.

Ramappa, K B

(with Parmod Kumar and A V Manjunatha) Presented in the Workshop of the AERUs/Cs for finalization of the Research Methodologies and the Survey Questionnaires of the Studies Awarded to AERUs/Cs, Ministry of Agriculture and Farmers Welfare, New Delhi, December 22-23, 2015.

Reimeingam, Marchang

Examiner of pre-submission Doctoral Thesis (Sociology) presentation on the topic 'Migration to Bangalore: A Study of Reverse Migration of IT Professionals', Christ University, Bangalore, January 22, 2016.

Editor, ISEC Working Paper Series, from February 5, 2016 for 3 years.

Roy Chowdhury, Supriya

Report Submitted to International Labour Organization (ILO), New Delhi, on Mapping and Assessment of Social Dialogue and Labour Administration Frameworks at State Level: Karnataka State.

Sivanna, N

Attended as Doctoral Committee Member for doctoral students of ISEC, Department of Political Science and Public Administration, Gandhigram, Department of Political Science, Mangalore University and Department of Political Science, Bangalore University.

Sridhar, Kala Seetharam

Chairperson, "Urban growth in Karnataka", Seminar by Dr C M Lakshmana, January 28, 2016, ISEC, Bengaluru.

Chairperson and Coordinator, 'Sexual Harassment at the Workplace', in a seminar 'Violation of Women's Human Rights' by Prof V S Elizabeth, NLSIU, Bangalore, in ISEC on March 8, 2016.

Panelist, Trends in India's current account policies and programmes of external stabilization under historical and international perspective, by Aneesha Chitgupi, PhD student Bi-annual seminars, ISEC, Bengaluru, June 28, 2016

Referee for journals: *China Report* (Sage) (May 2016), *Environment and Urbanization Asia* (Sage) (April 2016)

Syamala, T S

Attended the NFHS-4 Maharashtra data dissemination workshop on March 19, 2016 at Nagpur.

Attended the Annual Action Plan Meeting of Population Research Centres, March 28-29, 2016, at Cochin.

Attended Management Committee Meeting for Praxis-India, April 1, 2016, PRAXIS Training Centre Tharavad, Vaniyankulam, Palakkad, Kerala.

Attended a meeting on the status of the status and quality of HMIS data in the state of Karnataka at the Regional Office of Health and Family Welfare, Kendriya Sadan, Bangalore, April 29, 2016.

Attended the Review Meeting for the project Building Knowledge Base on Ageing in India: Increased Awareness, Access and Quality of Services, June 6-7, 2016, at TISS Mumbai.

Tantri, Malini L

Acted as reviewer for the journal *China Report*; SpringerPlus.

Resource person for ICSSR-sponsored orientation programme for research scholars and faculty members.

Acted as an external referee for evaluating MA desertation of Christ University Students.

Umamani, K S

Presented Monitoring Institution's views on Karnataka MDM Programme with specific reference to Kolar, Shivamogga, Belgaum, Bidar, Davangere, Dharwad and Gadag districts-- in the PAB (Project Approval Board) meeting organised by the Ministry of Human Resource Development at Shastri Bhavan, New Delhi, February 5, 2016.

Founders' Day at ISEC



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Vol. 23

January-June 2016

No. 1

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Associate Editor: E Vishnuvardhan Reddy

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Institute for Social and Economic Change,

Dr V K R V Rao Road, Nagarabhavi, Bangalore – 560 072.

Phone : 23215468, 23215519, 23215592

Fax : (00)91-(0)80-23217008

Email: admn@isec.ac.in

Web: <http://www.isec.ac.in>