

GUJARAT INSTITUTE OF DEVELOPMENT RESEARCH



Annual Report
2018-2019

ANNUAL REPORT

2018-2019

GUJARAT INSTITUTE OF DEVELOPMENT RESEARCH

GOTA, AHMEDABAD 380 060, INDIA

www.gidr.ac.in

An Autonomous Research Institute

*Supported by the Indian Council of Social Science Research, New Delhi
and the Government of Gujarat*

The **Gujarat Institute of Development Research (GIDR)**, established in 1970, is a premier social science research institute recognised by the Indian Council of Social Science Research (ICSSR) and supported by both the ICSSR and the Government of Gujarat.

The major areas of current research at the institute are: (i) *Natural Resource Management, Agriculture and Climate Change*, (ii) *Industry, Infrastructure, Trade and Finance*, (iii) *Employment, Migration and Urbanisation*, (iv) *Poverty and Human Development* and (v) *Regional Development, Institutions and Governance*. Efforts are on to enhance the activity profile of the institute to include teaching and guiding research scholars and imparting training in select areas of specialisation.

The Institute retains deep interest in and continues to engage in empirical and field-based research, often spread across many Indian states, and, at times, other countries. The faculty members at the GIDR have been engaged in undertaking in-depth enquiries into various aspects of policy design and interventions on the ground. They contribute to the development discourse through understanding and critiquing processes, strategies and institutions.

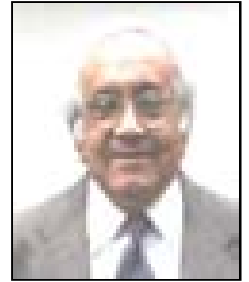
The relatively small but dynamic faculty, hailing from diverse social science disciplines such as economics, sociology, political science and demography, actively participate in national and international academic and policy spaces and publish extensively, besides contributing to the *GIDR Working Paper Series* and *Occasional Paper Series*.

The GIDR actively collaborates with research institutes and development organisations, both within and outside India. It encourages scholars, both the upcoming and the established, including international, to associate with the Institute on visiting assignments.

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President's Statement



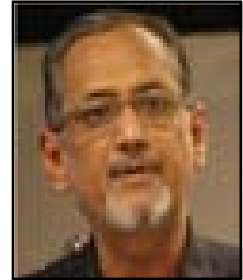
I am happy to commend the 2018-19 Annual Report that highlights our work over the past year. It amply describes the Institute's functioning and its contributions to the policy and society. I am also happy that the year 2018-19 marks a turnaround of this institute. The Institute that had faced serious financial deficit for the past few years, is now making steady progress. I am thankful to the ICSSR, the Government of Gujarat and the various agencies for their support in this process. Of course, all this would not have been possible but for the concerted efforts of the Director, the faculty members and the staff.

I am also very glad to report that the ICSSR Review Committee visited the Institute during the year. The committee members examined the activities and achievements of GIDR during the preceding 5 years and discussed plans. I am very happy to report that their feedback has been very positive.

Amid competition from a variety of players in the academic field, increasing the excellence and impact of faculty-led research and scholarship is our commitment. With a productive year behind us, we look forward to exploring newer research areas. I am extremely happy to state that the Institute will be soon celebrating its Golden Jubilee year in 2019-20. Indeed, it is a crucial milestone in the journey of this research institution. It is a powerful testimony of the enduring vision of the founders and all those who have been associated with the Institute.

Kirit Parikh
New Delhi

From the Director's Desk



It is my privilege to submit the Annual Report for the year 2018-19. One of the highlights of the year has been the visit of the ICSSR Review Committee with Professor J P Sharma as its Chairman, Professor T Subramanyam Naidu as Member-Secretary and Professor Kshamadevi S Khobragade and Professor Deena Bandu Pandey as members. They examined the activities and achievements of GIDR during the preceding five to ten years, its plans and perspectives as well as the financial requirements. Besides the Director, the Committee met faculty members, administrative staff as well as with some of the Governing Body members. It was heartening to see the keen interest of the Review Committee members on the financial and infrastructural needs of the Institute.

The Annual report describes the journey of the Institute during the last year. This year the faculty members have carried out several research projects and have a good number of publications. One of our younger colleagues, Dr. Itishree Pattnaik has received the Ruddar Dutta Memorial Award for the best paper at the 60th Labour Economics Conference. A research institute like GIDR must carry out research projects that inform the various policies of new challenges and at the same time contributes to the body knowledge.

Extensive repair and maintenance of the Institute's building have been carried out this year too thanks to the generous funding by the ICSSR. The ICSSR has also provided crucial support along with the Government of Gujarat. Gujarat Metro Rail Corporation (GMRCL) has continued its support this year too. These have been very important for the Institute to meet with its financial requirements. The project income being the most important one is also a cause of concern, as heavy reliance on project funding makes GIDR very vulnerable. I look forward to the continued contribution of the faculty members to the body of knowledge as we step into the year of Golden Jubilee of GIDR. While I seek continuous support from the ICSSR, I urge the Government of Gujarat to enhance its grant to match that of the ICSSR.

R. Parthasarathy
Ahmedabad

1 Highlights of the Year

- The faculty and the research team of the Institute have completed 9 institutional research projects and 3 consulting assignments - 8 projects are in progress while 2 new research projects were initiated during the reporting period.
- The faculty publications included 3 books, 13 articles in journals and edited volumes, and 5 Working Papers.
- Dr. Itishree Pattnaik received the Ruddar Datt Memorial Award for best paper at the 60th Labour Economics Conference, organized by the Indian Society of Labour Economics and held at the Indira Gandhi Institute of Development Research, Mumbai, December 19-21, 2018.
- Dr. Hastimal Sagara, received his Ph.D. degree in Economics from the Indira Gandhi National Open University, New Delhi (through GIDR) for his thesis on “Growth and Transformation of the Information Technology Sector in India: A Case Study of Gujarat, under the supervision of Professor Keshab Das.
- Professor Keshab Das was invited as a Visiting Professor under the UGC Centre for Advanced Study Programme, Department of Economics, Punjabi University, Patiala, Punjab, March 2019.

2 Research Activities: Thematic Groups

1. **Natural Resource Management, Agriculture and Climate Change**

Research under this thematic area concerns the broad realm of environment and development, enquiring into the multi-pattern inter-relations and outcomes across different agro-ecological systems, especially the drylands. Studies have focused mainly on aspects relating to economic viability, equity, environmental impact assessments and institutional mechanisms, including exploring inter-relationships between the community, government and civil society. Studies on growth and constraints facing the farm sector, both at a regional and national level, have been undertaken. Implications of climate change risks in Asia and the adaptation and mitigation strategies at the local levels have begun to be studied. Many of these, based on careful empirical enquiries at the micro level, have contributed to the ongoing debates on sustainable environment and institutions.

Two studies contributed to improving methodological approaches to analyse programmatic interventions in farming and watershed. Another study enquired into working conditions and institutional issues in working and living conditions migrant workers in tobacco processing. Adaptation to climate change in delicate ecosystems formed the focus of a study in the arid Kutch region. The role of media in reporting and influencing debates in agro-biotechnology has been analysed in another study. States covered in these studies include Gujarat and Maharashtra.

1.1 **Agricultural Biotechnology Debates in the Rural and in the Urban: Media and the Mobilisation of Opinion**

*Sponsor : Templeton Foundation (through Pragati Abhiyan, Nashik)
Researchers : Bharat Ramaswami, Milind Murugkar, N. Lalitha and Carl E. Pray
Status : Completed*

This project examined the salience of farmers and their political force in the political economy of GM crop approvals in India. It examined the hypothesis that farmer political power is reactive rather than pro-active. The media reports about GM crops in English, Gujarati and Marathi during 2011-2013 appearing in prominent newspapers were examined to test the hypothesis.

With the denial of approval to the commercial release of Bt eggplant in 2010, in which a political decision that overruled the regulatory body, much momentum for the development and release of GM crops in India has, arguably, been lost. If farmers ignored the opposition to GM crops by rapidly adopting Bt cotton, why have they not been politically effective for

other crops? The tentative findings from the study report that, crops in which growers were more politically organized receive more political action by farmers. In Gujarat, cotton, groundnut and wheat are the most discussed crops in the newspapers. In Marathi newspapers, the coverage was concentrated on grapes, pomegranate and sugarcane. Groundnut farmers in Gujarat and sugarcane growers in Maharashtra are well known to be organized and politically powerful. In both states, Bt brinjal has not received the same level of media coverage as the other crops.

1.2 Guiding Process Documentation Research of the Stakeholder Engagements of WOTR

Sponsor : Watershed Organisation Trust (WOTR), Pune
Researcher : R. Parthasarathy
Status : Completed

The project envisaged guidance on how to undertake Process Documentation of the Stakeholder Engagement (SE) Methodology that WOTR is evolving to encourage behavioural changes in favour of equitable use and governance of water resources, especially groundwater, through facilitating a dialogue between science, practice and governance. The exercise involved providing support in concept-clarity and evolving suitable methodologies for possible framework. Workshops aimed at teaching the researchers at WOTR in undertaking process documentation research on their select activities were conducted.

1.3 Economic Analysis of Agricultural Programmes

Sponsor : Watershed Organisation Trust (WOTR), Pune
Researcher : N. Lalitha
Status : Completed

This project involved providing advisory services to WOTR on their projects. It included examining the data collected by WOTR in the area of agricultural sustainability and suggesting appropriate methodologies for analyzing the data. It also involved advisory services on questionnaire, sampling designs and data tabulation plans in case of new interventions that were planned and implemented by WOTR.

1.4 Climate Change Adaptation for Natural Resource Dependent Communities of the Kutch District: Enhancing Resilience through Water and Livelihood Security and Ecosystem Restoration

Sponsor : Gujarat Ecological Education and Research Foundation, Gandhinagar
Researchers : R. Parthasarathy and Archana Goswami
Status : Completed

With the overall project objective to enhance the adaptive capacity of natural resource dependent communities from selected villages in three regions of the Kutch district of Gujarat, a baseline survey and a village wise vulnerability mapping across the three identified regions in the Kutch district was conducted. Household-level vulnerability assessment in the selected villages was also carried out in order to identify the set of most vulnerable dwellers.

The project required a detailed survey of 83 selected villages to derive the baseline conditions with respect to socio-economic and environmental aspects of the villages. Further, the vulnerability assessment of the villages were carried out using the Intergovernmental Panel on Climate Change (IPCC) based methodology. A survey of 4328 households were carried out to identify the most vulnerable households within the select vulnerable villages. The analysis was then used to understand the impacts of climate change on their predominant livelihood options such as agriculture, coastal fishing and animal husbandry.

1.5 Tobacco Processing in India: Workers and Livelihoods

Sponsor : Centre for Multi-disciplinary Development Research, Dharwad, Karnataka
Researchers : Tara Nair and Rudra Narayan Mishra
Status : Completed

Gujarat is a major tobacco producing state and specializes in bidi, hookah and chewing and snuff tobacco production. Almost 90 percent of tobacco in the state is grown in the Anand-Kheda region of central Gujarat. This study enquired into the livelihood, working conditions and effects of occupational exposure on health status of the tobacco processing workers in the state. A study covered tobacco processors or owner-operators of 'kharis' and 100 workers of the kharis in the districts of Anand and Kheda.

Given the legal and ethical constraints around tobacco industry, it is difficult to 'research' this sector, especially, if the objective is to look at the labour conditions. Hence, we followed the 'snow ball' approach to identify the kharis and khari workers. A total of 100 khari workers and 10 khari owners were interviewed. More than half of these workers were

from a single village in Rajasthan, who migrate to this region with their families during April-October. Some degree of division of labour between local and migrant workers were observed. While the local workers do jobs like drying the leaves, handling storage or transporting the tobacco dust, the migrant workers are the ones who actually prepare the dust with the machine. All adult members in the family work for at least 12 hours a day. Their children do not attend school and help parents in tobacco processing or taking care of younger siblings and cooking. Most of the workers stay inside the kharis in kutchha accommodations provided free of cost by the owners. Often they take advance to meet household expenses, for marriages, construction of houses etc. These are paid back through labour. All of them admitted that they did not have other skills and no opportunity to earn a livelihood back home. The working conditions were observed to be unsafe, though the workers believed that unprotected handling of tobacco dust would not harm them.

2. Industry, Infrastructure, Trade and Finance

Towards diversifying the sectoral canvas of research at the Institute, under this broad theme, studies have been undertaken on the response of micro, small and medium enterprises (MSMEs) to the changing policies in the reforms era, industrial clusters and regional industrialisation. Issues involving intellectual property regimes, especially for pharmaceuticals, biotechnology and Bt cotton have been addressed. The current research portfolio also involves a series of studies focusing on various dimensions of trade and development with special reference to India.

Of the two studies in financing while one dealt with provision of sanitation credit in urban areas and the other assessed the financial education promotion initiatives by the Securities and Exchange Board of India (SEBI). Two more studies enquired into aspects of intellectual property rights in the craft and farm products. Another study looks into participation of local enterprises in global markets in the pharmaceutical sector. States covered in these projects include Kerala, Maharashtra and Gujarat.

2.1 Indian Pharmaceutical Industry in Transition: Issues in Supply of and Access to Generic ARVs

Sponsor : French National Agency for Research on AIDS and Viral Hepatitis (ANRS), Paris, France.

Researchers : Keshab Das and Tara Nair

Status : Ongoing

Concerned with the legal, industrial and access related issues in the first- and second-line antiretrovirals (ARVs) used for the treatment of HIV/AIDS and their respective active principal

ingredients by Indian generic firms, this study attempts to understand the consequences of the product patent regime on their production. Following upon the Trade-Related Aspects of Intellectual Property Rights (TRIPS) agreement, the Indian pharmaceutical industry has been changing its strategy to survive and grow within the new legal framework and a competitive global market with negative spill over effects for affordable generic medicines important to public health initiatives. How will changes in India's generic industry affect the supply of low-cost ARV medicines so widely used in Africa, Asia and Latin America? How will the industrial capacity of India's pharmaceutical industry change with its adherence to the TRIPS requirements? How will the supply of Indian ARVs - both first and second generation (and the active pharmaceutical ingredients which they comprise) - evolve in the new scenario and what shall it imply for the stakeholders in the market as also final consumers? These are the central questions addressed in the study. A review of relevant literature and secondary data along with case studies of select pharma companies constitute the methods employed in this enquiry.

2.2 Geographical Indication Protected Agricultural Products from Select States of India: An Inquiry into the Economic, Livelihood and Institutional Aspects

Sponsor : Indian Council of Social Science Research, New Delhi

Researchers : N. Lalitha, Madhusudan Bandi and *Soumya Vinayan* (Council for Social Development, Hyderabad)

Status : Ongoing

The broad objectives of the study are to: (a) understand the status of the GI registered agricultural products in the chosen states; (b) understand the strategies adopted by the registered proprietors of GI to realize economic returns from the registered product; (c) analyze the role and functioning of the Farmer Producer Organisations; (d) measure the attributable impact of GI protection on the producers and (e) understand the socio, cultural, economic and institutional spill over outcomes of GI protection on variety of stakeholders.

Using a structured questionnaire primary surveys among the cultivators were carried at (1) Bhalia wheat and Kesar mango in Gujarat; (2) Malabar pepper, Aleppey cardamom, Pokkali rice in Kerala, (3) Ratnagiri and Sindhudurg Kokum, Vengurla cashew and Nasik grapes in Maharashtra. Probability proportionate sampling was adopted in the case of Kesar mango and Nasik grape cultivators. In other cases, snowball technique was adopted to identify the growers and survey was conducted with those farmers who were willing to give us time. Interviews were conducted with a variety of stakeholders like farmers, associations, traders, exporters, lawyers, agricultural researchers and scientists. An online survey to assess consumers' awareness and willingness to pay is on.

Initial observations from the field show that the awareness about GI is very low among the cultivators. Climatic factors are playing a significant role in the yield of the horticultural crops. Cashew and pepper face competition from imports in the domestic market. Significant difference in the quality and profitability was observed for those farmers who were members of the farmer producer associations and those who were not in the case of Nasik grapes.

2.3 Bringing Sustainable and Equitable Sanitation Services to Small and Medium Towns in India: Landscaping of Sanitation Credit in Maharashtra

Sponsor : Centre for Environmental Planning and Technology (CEPT) University, Ahmedabad

Researcher : Tara Nair

Status : Completed

How do the existing financial institutions - formal and quasi formal ones - address the demand for sanitation credit? Are there any specific reasons why they do not/ cannot cater to the need for financial resources of households that experience scarcity of funds while constructing toilets? How could the financial system be incentivized to provide credit to households for the purpose of constructing toilets and sanitation systems? This study has dealt with such questions with the help of a detailed review of the existing data and literature as also expert opinions gathered through personal consultations with a cross section of functionaries linked to the Swachh Maharashtra Mission and the financial sector. Specifically, the study has mapped the overall financial institutional architecture in Maharashtra in terms of the reach and spread of scheduled commercial banks, cooperative credit institutions and microfinance arrangements. It has identified several challenges to integrating sanitation credit in the ongoing agenda of financial inclusion in urban areas by inducing adequate institutional response with a view to help formulate appropriate policy and programmatic responses. The analysis clearly indicated the absence of an institutional mechanism that connects the existing market potential with the resources already earmarked for the purpose of financing social infrastructure or helping weaker sections to achieve a decent quality of life. The existing initiatives in the sphere are sparse and highly fragmented.

Some of the key recommendations made by the study are the following. Commercial and cooperative banks may actively use the priority sector option of lending to creation of social infrastructure to finance toilet construction by individual households, who receive subsidy offered by the state/urban local bodies. Prescription of a sub-target for sanitation would be useful in this regard. Self Help Groups (SHGs) can help build a strong demand for bulk loans through the bank linkage scheme by leveraging the

social infrastructure provision. An appropriately designed credit-linked capital subsidy scheme (CLCSS) can reduce the interest burden on borrowers and lending risk of finance providers. The other plausible option is to set up a refinance corpus for a stipulated time period to help banks extend sanitation loans without much anxiety. The National Urban Livelihood Mission (NULM) already provides interest subsidy to enterprise activities and a further interest subvention to women SHGs. This may be extended to sanitation too. There needs to be a concerted effort by the central and state governments, banks, NABARD, cooperative federations, organisations like MAVIM and MFI networks like Sa-Dhan and MFIN to strategise and design policies that enable increased flow of credit to meet household level demand for financing construction of toilets and sanitation systems. This can be operationalised only through a consortium approach with the state providing clear and strategic direction. Along with these initiatives, adequate investment must be made towards designing appropriate and affordable technical support for sanitation activities.

2.4 Evaluation Study of the SEBI Financial Education Resource Persons Programme

Sponsor : National Institute of Securities Markets, Mumbai
Researcher : Tara Nair
Status : Completed

This study is the first systematic evaluation the ‘SEBI Financial Education Resource Persons Programme’ (SFERPP) launched by the Securities and Exchange Board of India (SEBI), India’s securities market regulator, in June 2010. SFERPP has been designed with the purpose of familiarizing the public with the basic concepts of finance and banking and developing awareness about financial risks and perils of ponzi schemes. The evaluation exercise aimed generating insights regarding the impact the programme on different target groups and cost effectiveness. The study found convincing evidence that participants are relatively more aware of the financial products and services compared to non-participants.

The training workshop has been received very positively by most of the participants. Most of the respondents, however, have no access to any institutional mechanism to strengthen their confidence in channelizing small investments in the right direction. A comparison of initiatives of financial literacy training by different regulatory bodies revealed that SFERPP is unique in its emphasis on leveraging human resources from outside the financial system, but skilled in the craft of education (like teachers). This has created a cadre of ‘footloose’ resource persons. The programme has succeeded in demystifying the complexity of financial market participation to some extent.

2.5 Traditional Knowledge and Practices in Handicrafts - Role of Intellectual Property Rights Policies in Conservation and Promotion: Study of Select Crafts from Gujarat

Sponsor : INTACH Heritage Academy, New Delhi

Researcher : N. Lalitha

Status : Completed

The broad focus of this study was to understand the crafts of Kutch in the sustainable livelihood framework. It attempted to study the (1) different vulnerabilities that arise from lack of human, social, financial, natural and organisational capital in the chosen crafts; (2) extent to which such vulnerabilities affect the traditional knowledge based crafts pursued and (3) the coping strategies of the artisan community. The required data were collected using interview method and a primary survey with a structured questionnaire. A total of 204 artisans practicing crafts such as Kutch embroidery, Kutch shawls, bandhani, ajrakh printing and pottery were interviewed for the purpose of the study. The analysis showed that the textile based crafts were doing relatively better than pottery. Within textiles, artisans in the case of the GI registered Kutch embroidery and Kutch shawls reported rampant duplication. Ajrakh printers are aware of the eventuality of water scarcity for their work and presently in the process of setting up a common effluent treatment plant. Within pottery, Tuna potters can seek GI registration as these pots are made of clay taken from the sea during the low-tide. Availability of clay, quality of clay and the changing lifestyles are the problems faced by the potters. In each craft while traditional knowledge based practices are still followed, innovations to meet contemporary demand is evident. Government initiatives to promote tourism appears to benefit producers of duplicate products as the sellers undercut the price. Ashapura Foundation is playing a commendable role for the promotion of crafts in Kutch.

3. **Employment, Migration and Urbanisation**

Studies under this theme relate to population, demographic changes, labour, employment, livelihoods and migration. The Institute has made significant contribution in these areas, especially during the 1980s and the 1990s. The in formalisation process in the labour and production systems has formed an important theme of research, engaging in collection of social statistics, influencing policies for better labour conditions and social security reforms. Urban services and aspects of urban economy and governance have been an important emerging area of research at the Institute.

Providing analytical inputs to the management and rehabilitation of project affected families as part of the urban train transport project in Ahmedabad has been an

area of study. Performance of the Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) over a decade in Rajasthan and Gujarat forms part of another study. A new study reviews policies concerning working conditions and wages has been initiated. States covered under this broad thematic group include Maharashtra and Gujarat.

3.1 Topographic Mapping and Supplementary Survey of Project Affected Families (PAFs) in the E-W Corridor (Western Reach and Underground Alignment)

Sponsor : Metro Link Express for Gandhinagar and Ahmedabad (MEGA) Company Limited, Gandhinagar
Researcher : R. Parthasarathy
Status : Merged with the activities to be carried out under the MEGA Centre for Management and Coordination of R&R Work and Agencies since 01-01-2018

MEGA, or Ahmedabad Metro is an under-construction mass-transit rail system for the cities of Ahmedabad and Gandhinagar in Gujarat. The primary purpose of carrying out the survey was to gather information on the project-affected families which would eventually be used to determine the compensation to be paid to displaced families. The survey tools were prepared in consultation with MEGA and the Committee of Experts constituted for the purpose. Demographic details, type of properties owned and livelihood details are being collected through this survey.

3.2 MEGA Centre for Management and Coordination of R&R Work and Agencies

Sponsor : Metro Link Express for Gandhinagar and Ahmedabad (MEGA) Company Limited, Gandhinagar
Researcher : R. Parthasarathy
Status : Ongoing

The Ahmedabad-Gandhinagar Metro rail project is being promoted with the objective of providing safe, fast and eco-friendly transportation services to the public while simultaneously reducing congestion on the roads. The metro rail project is also proposed to promote integration with Ahmedabad Municipal Transport Service (AMTS), Bus Rapid Transport System (BRTS), Railways and other modes of public transit system.

Under the project, a MEGA Centre for Management and Coordination of Rehabilitation and Resettlement (R&R) Work and Agencies has been established at GIDR in January 2018. GIDR is collaborating with Saath Livelihood Services (SLS) and Fourth

wheel Social Impacts (FWSI)-for this project. The MEGA Centre as a nodal agency will mainly work on the coordination and management of resettlement and rehabilitation (R&R) related activities conducted by SLS and the audit work to be undertaken by Fourth wheel. The overall objective of the MEGA Centre is to be a think-tank and a resource centre for research on the R&R related activities and to manage and coordinate the different agencies involved in related activities. GIDR would also provide research support on the R&R process adopted by Gujarat Metro Rail Corporation Limited (GMRCL).

The major components of the project are as follows: (i) Identification of PAFs (Project affected families); (ii) Support GMRCL in smooth implementation of the Resettlement Action Plan; (iii) Third party audit for the review of R&R activities (through an agency); (iv) Process Documentation Research (PDR) of the R&R activities undertaken by GMRCL and micro-level processes involved in land acquisition and R&R activities will be documented through PDR; and GIDR would also manage a data centre related to the R&R activities of MEGA.

3.3 One Decade of Mahatma Gandhi National Rural Employment Guarantee Act(MGNREGA): Participatory Assessment and Way Forward

Sponsor : National Institute of Rural Development and Panchayati Raj (NIRD&PR),
Hyderabad

Researchers : Tara Nair and Rudra Narayan Mishra

Status : Ongoing

This study is part of a comprehensive, nation-wide assessment of the impact and working of MGNREGA in India. GIDR carried out the assessment in Gujarat and Rajasthan with the help of structured household level surveys between February and July 2018. The study covered 408 beneficiary households and 167 non-beneficiary households in Gujarat. In Rajasthan 574 beneficiary households and 192 non-beneficiary households were surveyed. The sample gram panchayats were selected through a stratified sampling process, wherein the agro-climatic region, district, block and gram panchayat form the different strata. Data collection took significant recourse to participatory methods like mapping and focus group discussions.

The implementation of MGNREGA in Gujarat has progressed through phases, with the demand for work improving slowly over recent years. Preliminary analyses indicate that overall the scheme holds significant promise to the poor households in terms of balancing their precarious livelihoods. Lack of adequate awareness about the basic entitlements of the Act and the weakening of the panchayat raj system are serious constraints on the implementation of the scheme in Gujarat. In Rajasthan MGNREGS has been found to have near universal coverage. It is an important source of livelihood,

especially for ST households. Despite the drive for digital integration of beneficiary accounts, delay in wage payment is a major issue. Awareness level about the provisions of the Act is found low among the beneficiaries of the scheme.

3.4 Value of Statistical Life and Compensating Wage Differentials in Manufacturing Sector in Gujarat

Sponsor : Gujarat Institute of Development Research, Ahmedabad
Researcher : Amrita Ghatak
Status : Initiated

As the Commissionerate of Labour, Government of Gujarat is keen to have an “Umbrella Legislation” in the State to provide social security and other benefits to informal sector workers accounting for 93 per cent of the total workforce, it is topical to understand the Value of Statistical Life (VSL) of those who are exposed to health risks. The estimation of VSL as well as wages that may compensate the risks that are associated with particular tasks in industries would help in formulating policies aiming toward social security, insurance and other measures to ensure well-being of workers in terms of stipulated minimum wage rates and financial assistance for treatment of chronic and serious diseases of industrial workers. The primary objectives of the study are to: a) review the policies, schemes and programmes pertaining to occupational health risks and safety in manufacturing industries in Ahmedabad; b) understand the occupational health risks and safety issues in selected manufacturing industries in Ahmedabad; and c) estimate the VSL and compensating wage differentials for blue collar workers in the manufacturing sector in Ahmedabad.

Using data from NSS unit level survey on health and morbidity (2014), an analysis has been undertaken to understand the overall health status of workers in the manufacturing sector in India in general and particularly in Gujarat. In order to address the specific objectives of this study a primary survey among blue collar workers in the selected manufacturing units in Ahmedabad has been undertaken. Following the data available with the Directorate of Industrial Safety and Health (DISH) and Annual Survey of Industries (ASI), the study has selected seven industries based on the number of accidents and labour-intensity of factories for the purpose of primary survey. A stratified random sampling technique is followed to identify the industries and factories from various industrial estates within Ahmedabad. Thus, textile, basic metal, machinery and equipment, tobacco, paper and paper products, motor vehicles, computer and electronics industries are selected. At least 10 per cent factories from each industry have been selected for the survey spread over industrial estates at Odhav, Naroda, Narol, Vatva, Moraiya, Changodar, Sanand, Kathwada and Rakhiyal within Ahmedabad’s industrial area. A total of 624 blue collar workers are covered from 224 factories as part of this study.

The analysis is under progress. (A seminar to share the findings with the academia and policy makers may be held in couple of months, while the final report is expected to be submitted by September, 2019).

4. Poverty and Human Development

Research concerns under this theme include access, achievements and financing in the spheres of education and health sectors. Enquiries, often field based, have dealt with issues in literacy programmes, adult education, health programmes and training health workers. Research on health and family welfare has contributed to developing a framework towards a target-free approach in family planning. Studies on poverty relate to conceptual and measurement aspects, quality of life, livelihood options and social infrastructure, mainly in rural India. However, increasingly, research under this theme has been dealing with urban poverty as also rural-urban linkages. Research projects address design, delivery and other policy issues in financial inclusion, microfinance, rural livelihood strategies, social security and health of women workers and their families.

A study completed under this broad theme relates to examination of CSR efforts to promote non-formal education. How financialisation has impacted poor household economies has been the focus of another study. A new study concerns demand for health services as influenced by financial support programme of a sub national state. States covered in these projects include Odisha, Maharashtra, Tamil Nadu and Gujarat.

4.1 Financialisation and Its Impact on Domestic Economies: An Interdisciplinary Enquiry in the Context of Select Indian States

Sponsor : Indian Council of Social Science Research, New Delhi

Researchers : Tara Nair, Isabelle Guerin, Jayashree Ambewadikar and Rudra Narayan Mishra

Status : Ongoing

This study aims to unravel the concrete interactions between the daily transactions of individuals and the various actors of financialisation and to renew the conceptualisation of financialisation using interdisciplinary research and analytical design informed by the perspectives of social-economics. Separate studies were undertaken as part of the project in Gujarat, Tamil Nadu, Odisha, and Maharashtra. Methodologically, the study has used multiple approaches across states to understand the financial and economic aspects of household transactions. In Gujarat, 76 in-depth case studies of purposively selected urban and rural households have been completed using a quasi-ethnographic approach with repeated visits and cumulative updation of information over a period of eight months. A structured survey with the help of a questionnaire was carried out in Odisha to unravel the household financial dynamics. In Tamil

Nadu, research questions were pursued through diaries placed in purposively chosen households in urban and semi-urban areas. A survey of 30 rural households along with case studies was undertaken in Maharashtra. The qualitative data gathered through such multiple approaches are being analysed currently.

4.2 A Study of the Programme of Non-Formal Education in Bharuch District of Gujarat

Sponsor : CLP India Private Ltd., Bharuch
Researchers : Jharna Pathak and Madhusudan Bandi
Status : Completed

The study is an attempt to unravel benefits of non-formal education (NFE) as an alternative channel of education for students who have dropped out of school. The NFE has been taken up as a Corporate Social Responsibility (CSR) programme by CLP India Private Limited, which is the largest foreign investor in the Indian power sector. NFE is recognized as an important sub-sector of the education system, providing learning opportunities to those who have dropped out of the formal sector. This study aimed to (i) examine the process adopted, extent of outreach and benefit of NFE provided by the company; and (ii) discuss advantages and challenges of CSR programmes. A primary survey was conducted with 219 beneficiaries of NFE programmes in 10 villages in the Bharuch district of Gujarat. Besides the beneficiaries of NFE, 20 beneficiaries of CLP India Scholarship Scheme, 71 beneficiaries of financial assistance programme and 62 beneficiaries of computer literacy programme were selected for in-depth interviews. Extension Volunteers were also interviewed to understand the processes involved in the programme. The research team thoroughly studied the pedagogy and teaching methods of the extension volunteers in the informal education classes.

The analysis shows that the strategy adopted by CLP India appears to be well tuned with the UNESCO and UNICEF line of approach and has shown positive impact on the lives of students beneficiaries. The NFE classes, targeting mainly students from marginalised classes like Scheduled Tribes, Scheduled Castes and Other Backward Castes were able to retain students till secondary or higher secondary level. Moreover, children attending NFE are more likely to attend formal schools compared to those dropped out of these non-formal schools. The soft-skills learnt by students include functional literacy involving basic knowledge of mathematics, language, computer and science, communication skills, team working skills and confidence. Continuous monitoring is required regarding these aspects, putting a stronger emphasis on needs on a sectoral basis, and focusing more strongly on skills rather than qualifications. Research and evaluation are needed in regard to the design, development, application and evaluation of systems, methods, ICT, mass media and traditional forms of

communication for learning, costing, quality assurance and professional development. There is a need for greater understanding of how to enable the transition from non-formal to formal education. There are also need and scope for new empirically tested models and systems for successful and high impact learning for development.

4.3 Impact of Demand Side Financing Instruments on the Continuum of Care for Maternal and Child Health in India and Bangladesh

Sponsor : Department of Biotechnology, Ministry of Science and Technology,
Government of India (through Centre for Development Studies, Trivandrum)
Researcher : Rudra Narayan Mishra
Status : Initiated

The objective of the study is to assess how instruments of Demand Side Financing (DSF) have influenced the demand for health services and boost service coverage through financial incentives. In Gujarat, this component of the study will focus on Cheeranjivi Yojana (CY), which is a variant of Janani Suraksha Yojana (JSY) at national level. Both JSY and CY were launched in 2005. Under the JSY mothers from poor households are being paid directly if they give birth in a state run public health facility. Under the CY scheme of Gujarat, the amount is given to the accredited health facilities in private sector who are willing to provide childbirth facilities and post-natal care to mothers from households who are economically weaker and/or from tribal groups.

A total of 10 districts will be selected for the study. While five of the districts where the CY was launched as pilot will automatically be selected the remaining five will be selected based on proportion of BPL households and proportion of tribal population in them. A total of 2500 women will be interviewed from 50 gram panchayats in these 10 districts. A structured questionnaire will be used and data will be collected using computer-assisted personal interviewing (CAPI) method. The study is expected to help in understanding if DSF has different bearings on the outcome of maternal and child health and if these outcomes are moderated by intervention strategy followed in these states and the household level factors.

5. **Regional Development, Institutions and Governance**

With a notable early record of research on local level (block and village) planning, recent studies have continued with enquiries into regional underdevelopment and whether and how institutions at various levels influence certain development outcomes. A specific focus has been tribal area development initiatives, mainly relating to enhancing livelihood options and human resource development. Recent analyses have looked into several of the new initiatives in terms of rights based approach and deepening/widening of democracy.

Contributing to the Fifteenth Finance Commission, one study engages in outcome evaluation of finances of the Gujarat State. Another study deals with institutional inadequacies in broad-basing rural sanitation. States covered in these studies are Odisha and Gujarat.

5.1 **Broad-basing Rural Sanitation: Issues and Strategies in Inclusive Innovation in India and South Africa**

Sponsor : Indian Council of Social Science Research, New Delhi and National Institute for the Humanities and Social Sciences, Johannesburg, South Africa.

Researcher : Keshab Das

Status : Ongoing

Broad-basing access to and use of sanitation facilities in rural areas has been a significant challenge facing the economy and society of the two emerging economies, India and South Africa. While policy approaches and local initiatives have differed between the two nations, it has been realized that sanitation and hygiene are essential human rights issues to ensure human health and progress and also sustainable environment. The research focuses on: i) an analysis of major issues and challenges in availability, access and use of sanitation facilities and ii) comparison of strategies between South Africa and India in broad-basing rural sanitation (institutional and technological innovations in focus). The Indian component of the study deals with an analysis of performance in terms of coverage, expenditure and usage. The study also attempts an assessment of policy instruments, campaigns and state initiatives including those involving public, private and civil society agencies. Through field surveys in five districts each in Gujarat and Odisha, the study (covering over 500 households) enquired into changes in attitudes and behaviour concerning sanitation and hygiene as well as improvement in health. A novel dimension of this research has been related to the varied spaces of social exclusion in rural sanitation and

understanding the manner in which innovation could serve the purpose of social inclusion. Field surveys in all ten villages have been completed and analysis of data is nearing completion. The report is being finalised with insights obtained from field work done in Eastern Cape, South Africa and also discussions with a few organisations there.

5.2 Outcome Evaluation of State Finances in the Context of Recommendations of the 14th Finance Commission: Determination of a Sustainable Debt Roadmap for 2020-25, Taking into Account Impact of Introduction of GST and Other Tax/ Non-tax Trend Forecasts

Sponsor : Fifteenth Finance Commission, New Delhi
Researchers : Himani Baxi and Yogesh Yadav
Status : Initiated

In a federal set-up the Finance Commission not only provides recommendations for vertical and horizontal devolution of financial resources, but also analyses and provides recommendations for states' fiscal performance. With the constitution of the Fifteenth Finance Commission, GIDR was commissioned a study to analyse Gujarat's fiscal performance over ten years. The report, *inter alia*, shall discuss various fiscal challenges due to introduction of GST. The report would provide suggestions to maintain the consistency and stability in the fiscal performance by the state government. It would also look into nature of efforts required for mobilizing financial resources from untapped area of non-tax revenue. Developing efficient and transparent public expenditure mechanism and improving the collection and recording system of financial data of local bodies would also be discussed.

6. Consultancy Assignment

6.1 The Complexity in Determination of Minimum Wages for Domestic Workers in India

Sponsor : V.V. Giri National Labour Institute, Noida
Researchers : Amrita Ghatak and Kingshuk Sarkar
Status : Completed

Domestic workers form an integral and critical part of informal sector labour diaspora. There is no written contract, no conventional method of wage determination, multiple household employers, total absence of social security, very little government intervention, a distress livelihood option, and lack of decent work environment. Using inferences from NSS 68th round unit level data on employment and unemployment (2011-12) and data collected through primary survey in two cities namely Ahmedabad and

Kolkata this study makes an attempt to depict the status of domestic workers in India. Findings from the data from these two contrasting cities do validate the vulnerability of domestic work as an occupation and lack of legislative protection. Despite few dis-similarities the basic findings are in conformity with primary characteristics of domestic work in India. Majority of workers are women workers who belong to the very backward segment of economically distressed section of the population. Inclusion of domestic workers is going to be significant in terms of gender and socio-economic equity and justice.

The study indicates that there's a need for a comprehensive legislation for domestic workers to regulate conditions of work and terms of employment. Domestic work is a significant component in the scheme of overall inclusion of domestic worker within the mainstream labour administration. The policy interventions should facilitate the registration of domestic workers as workers and promote their rights to organize and form their own association, promoting skills development, setting up necessary mechanism to protect the rights of domestic workers who seek work abroad, establishing the role of the government and private household employer, including through the adoption of a code of practice, create public awareness of domestic work as legitimate labour market activity and the household employers' obligation under the law to provide minimum wages and decent working conditions to domestic workers. It would be prudent to be a bit flexible in fixing minimum wages and might consider hourly minimum wage regime. The work content or task may be approximated based on standard set in this regard following time-use study conducted by an Institute of national repute or by an organization like National Productivity Council. At present, this seems the most judicious alternative.

6.2 Job Creation in Gujarat's Ceramic Clusters: Issues and Possibilities

Sponsor : Ford Foundation, New Delhi (through Indira Gandhi Institute of Development Research, Mumbai).
Researcher : Keshab Das
Status : Completed

Forming part of a larger research project on 'Manufacturing Matters: Employment-Oriented Industrialisation' this case study on ceramic clusters in Morbi, Gujarat aims at understanding what drives the growth and external orientation of SMEs in the clusters that also creates job opportunities. Through a detailed analysis of functional dynamics of a collective (cluster level) effort to upgrade technological capabilities and production capacities the study also learns about the critical role played by the state in facilitating certain key business support activities including transport infrastructure, fuel supply and other incentives.

The field based study enquires into the nature of positive transformation that have been effected by rescaling space, innovation (product, process and institutional) and targeting larger markets. It also traces technological trajectories at the sub-sector level to reflect upon the potential of achieving global standards and export competitiveness by local firms. With a local economic development perspective an attempt has been made to study macro, regional, fiscal and sub-sectoral policy constraints to identify specific interventions required that would also enhance possibilities for opening up greater possibilities for job creation through business dynamism.

6.3 Early Impacts of the Better Cotton Initiative on Smallholder Cotton Producers in Kurnool District, India

Sponsor : Natural Resource Institute, Greenwich University, UK

Researchers : N. Lalitha, Ravinder Kumar, A. Martin, Valerie Nelson, Suresh Reddy, Dushyant Badal and Abdul Latif

Status : Initiated and Completed

This is an impact evaluation study of the early impact of pre-certification, technical assistance and certification by the Better Cotton Initiative (BCI) standard system on previously uncertified small holders in Kurnool District, Andhra Pradesh. Identifying select economic and environmental variables, the study focused on understanding to what extent has the process of becoming or being certified under the BCI sustainability standards had an impact on small holder farmers. The study employs a theory of change that lays out the anticipated chain of inputs, outputs, outcomes and impacts and the casual linkages between them. In the third phase, 15 panel households were contacted for in-depth discussions to understand the changes that have occurred in their cotton farming between 2015 and 2018 and the overall changes in the adoption of BCI standards in cotton farming by farmers. Focused group discussions were also held with both female and male farmers, hired workers, and lead farmers in the sample and control group villages. This phase of the study revealed that while the male farmers in the study villages showed awareness of the standards of BCI, implementation is facing a problem due to failure of monsoon for the third successive year. Awareness of BCI standards was poor among female farmers. There has been considerable reduction in the use of harmful pesticides among the farmers. It was evident from the study that linking the farmers with market and easy credit would yield better adherence to the BCI standards.

3 Academic Events Held by the Institute

Discussion Meeting on Financialisation and Poverty (part of the ICSSR sponsored project (2017-19) on Impact of Financialisation on Household Economies: Enquiry in the Context of Select Indian States), GIDR, July 26, 2018

This meeting aimed at discussing and disseminating the interim findings of the ICSSR sponsored project (2017-19). The study, undertaken in collaboration with the French Institute of Pondicherry attempts to understand to what extent poor households are impacted by the process of financialisation. The increasing role of financial motives, financial markets, financial actors and financial institutions in the operation of the domestic and international economies is described in the literature as 'financialisation'. Broadly, financialisation has resulted in an increase in financial transactions - purchase of services hitherto available free or through government provisioning; increased use of debt to finance household needs, while new needs are created that require such financing; emergence of new financial institutions, credit disciplining and regulatory instruments and programmes; advent of new financial instruments - credit and debit cards, and new financial products - varieties of insurance, mutual funds and other products linked to capital market as also new financial technology - mobile banking, internet banking, online purchases, digital money, and changed mode for sending and receiving remittance.



The researchers involved in the study in different states - Gujarat, Tamil Nadu, Odisha and Maharashtra - presented their findings based on field research. Isabelle Guerin (Institute de recherché pour le développement, Paris) and Venkatasubramanian G., French Institute of Pondicherry, presented the insights from the financial diaries placed with select households in Tamil Nadu / Pondicherry. Rudra Narayan Mishra (GIDR), who carried out household survey in Odisha and Krushna Chetty (School of Social Sciences, Central University of Gujarat), who is part of the research team that interviewed households in Wardha, Maharashtra also presented their overall findings. Presentations were also made by Mayank Trivedi (Indian Institute of Public Health, Gandhinagar) on 'Financialisation and Health of the Poor' and by Sejal Dand (Area Networking and Development Alternatives, Ahmedabad) on 'Collectivising to Resist Financialisation'. Tara Nair (GIDR) summed up the discussions and presented the insights from the field research in Gujarat.

Regional Workshop on One Decade of MGNREGA in Western India: Pointers from an Assessment Study, GIDR, December 5, 2018

This workshop was held in collaboration with the National Institute of Rural Development and Panchayati Raj (NIRD & PR), Hyderabad. Tara Nair and Rudra Narayan Mishra, the principal researchers of the study, presented the trends and patterns that emerged from the research that



used mixed methods to collect data from 14 and 19 gram panchayats, respectively, from Gujarat and Rajasthan. The assessment was aimed at re-examining the extant understanding of the implementation of the Act, while trying to gauge the management of demand side dynamics of MGNREGS in the two states. Despite the many worrying trends observed by the study such as limited awareness about the Act, poor functioning of panchayati raj institutions, and lack of institutional mechanisms for demand mobilisation, the study found the NREGA to hold significant promise to the assetless and socially marginalised households who struggle to balance their precarious livelihoods on a daily basis.

The workshop was chaired by Jyothis Sathyapalan of the Centre for Wage Employment (NIRD & PR) and attended by representatives of the Commissionerate of Rural Development (Government Gujarat), State Institute of Rural Development (SIRD), Ahmedabad University, Human Development Research Centre (HDRC), Patheya Consultancy Services, and Area Networking and Development Initiatives (ANANDI). A few MGNREGA workers from Godhra also participated in the workshop and shared their experiences and offered suggestions.

Seventh Pravin Visaria Memorial Public Lecture, Ahmedabad Management Association, Ahmedabad, January 3, 2019

Lord Meghnad Desai, Padma Bhushan and former Professor of Economics at the London School of Economics, delivered the Seventh Pravin Visaria Memorial Public Lecture on “Mortality in the Mahabharata: An Exploration in Historical Demography”. The lecture was presided over by Professor Yoginder K. Alagh, Professor Emeritus at the Sardara Patel Institute of Economic and Social Research, Ahmedabad. Connoting Mahabharata as a story based on the family dispute, he observed that the war that was claimed to have lasted for 18 long days. As per the epic, eighteen *akshauhinis* participated in the Mahabharat war and each *akshauhini* consisted of 21870 chariots, 21870 elephants, 65619 horses and 108350 soldiers. Going by these figures and the fact that



only ten people survived by the end of the war, Lord Desai held that nearly 2 million lives were lost by the end of the war. Based on various historical evidence of different wars fought so far, he

surmised that not more than 5 percent of the population of a country dies in a war and, hence, the numbers stated in Mahabharata are incorrect. Moreover, as the geographical area of the Mahabharata did not include South India, and the war took place only in North India, he conjectured if India's population at the time of Mahabharata was 100 million.

Lord Desai's intellectually stimulating lecture was well appreciated by the audience who engaged in the question-answer session for quite some time following the lecture.



Stakeholders' Panel Discussion on Domestic Workers in the Informal Work-space: Wages and Working Conditions, GIDR, February 22, 2019

In the first part of the event Kingshuk Sarkar and Amrita Ghatak presented the inferences drawn from the study entitled "Complexities in determination of minimum wages for domestic workers in India". Using inferences from NSS 68th round unit level data on employment and unemployment (2011-12) and data collected through primary survey in two cities namely Ahmedabad and Kolkata this study makes an attempt to depict the status of domestic workers in India. Findings from the data from these two contrasting cities do validate the vulnerability of domestic work as an occupation and lack of legislative protection. Despite few dis-similarities the basic findings are in conformity with primary characteristics of domestic work in India. The study indicates that there's a need for a comprehensive legislation for domestic workers to regulate conditions of work and terms of employment. Having drawn inferences from field in Ahmedabad and Kolkata it has discussed implications for policy formulation aiming toward well-being of domestic workers. Further, it would be prudent to be a bit flexible in fixing minimum wages and might consider hourly minimum wage regime determined by the type of task.

A panel discussion on "domestic workers in the informal work-space: Wages and working conditions" was organized in the second part of the event. Sebastian Morris (IIM) Indira Hirway (CFDA) Niti Mehta (SPIESR) and Shalini Trivedi (SEWA) served as panelists. Keshab Das (GIDR) chaired both the sessions. The discussion addressed the fact that the domestic space has, over the years particularly since the implementation of neo-liberal economic policies, become the dominant work space. There has been large-scale decentralisation, disintegration of production process such that factory system of production is slowly giving way to home-based production structure. In such a changing context, slowly but steadily there is a recognition of



domestic space being the work space. The speakers observed that the issue of recognition of domestic workers as workers and their needs to be covered under protective legislation.

The event was attended by over 30 participants from various organizations in Ahmedabad such as MGLI, IIT, IIM, Ahmedabad University, SPIESR and CUG.

Seminars by Faculty/Visitors

Leela Visaria, Honorary Professor, GIDR, on 'Impact of Demography on India's Democracy', May 11, 2018.

Durba Biswas, Fellow with the Water, Land and Society Programme at ATREE, on 'Managing Sanitation in Future Cities: Groundwater and Sanitation Interlinkages in Peri-urban Bangalore', July 12, 2018.

Saudamini Das, NABARD Chair Professor, Institute of Economic Growth, Delhi, on 'Measuring Planted Mangrove Effect on Gujarat Fishery Sector', July 27, 2018.

Peter P. Mollinga, Professor of Development Studies, School of Oriental and African Studies, University of London, on 'Of Binaries, Boundaries and Benevolence: Critical Inter disciplinarity in Natural Resources Management Research', October 9, 2018.

B. Jagannatham, Assistant Professor, Centre for Gandhian Thought and Peace Studies, School of Social Sciences, Central University of Gujarat, on 'Telangana People's Movement: A Study of Democratic Aspirations and Electoral Politics', February 7, 2019.

Visiting Scholars

Lilith Anneliese Saylor, Third Year Student, Goucher College, Baltimore, USA (November 12 to December 8, 2018).

Jatuporn Suwansukhum, Chulalongkorn University, Bangkok, Thailand (December 8-16, 2018).

4 Research Output

Books

Bhattacharai, Madhusudan, P. K. Viswanathan, Rudra N. Mishra and Cynthia Bantilan (Eds.), *Employment Guarantee Programme and Dynamics of Rural Transformation in India: Challenges and Opportunities*, Springer, New Delhi, 2018.

Lalitha, N and Soumya Vinayan, *Regional Products and Rural Livelihoods - A Study on Geographical Indications in India*, Oxford University Press, New Delhi, 2019.

Gregory Bracken, Paul Rabé, R. Parthasarathy, Neha Sami, and Bing Zhang (Eds.), *Future Challenges of Cities in Asia*, Amsterdam University Press, Netherlands, 2019.

Journal Articles and Book Chapters

Das, Keshab and Nonita Tumulak Yap, 'Dunking the Dust: Innovation Diffusion, Informality and Policy Opportunities in a Stone Crushing Cluster, India', *Innovation and Development*, 2018, DOI: 10.1080/2157930X.2018.1557420, pp. 1-19.

Ghatak, Amrita and N. Lalitha, 'Health in North Eastern States of India: An Analysis of Economic Vulnerabilities', in Utpal Kumar De, Manoranjan Pal and Premananda Bharati (Eds.), *Issues on Health and Healthcare in India*, Springer, Singapore, 2018, pp.127-161.

Lalitha, N., 'GM Cotton: Can We Restore the Technology', *Geography and You*, 18 (122), December 1-15, 2018, pp. 19-23.

Lalitha, N. and P.K. Viswanathan, 'Technology Diffusion and Adoption in Cotton Cultivation: Emerging Scenario in Gujarat', in N. Chandrasekhara Rao, Carl E Pray and Ronald J Herring (Eds.), *Biotechnology for a Second Green Revolution in India: Socioeconomic, Political and Public Policy Issues*, Academic Foundation, New Delhi, 2018, pp. 379-403. This was earlier published in *AgBioForum*, 18(2), 209-220. Available on the World Wide Web:<http://www.agbioforum.org>

Lalitha, N. and Soumya Vinayan, 'GIS for Protecting Agro Biodiversity and Promoting Rural Livelihoods: Status, Challenges and Way forward', *Journal of Rural Development*, 37 (3), 2018, pp. 479-500.

Lalitha, N. and Soumya Vinayan, 'Geographical Indications and Farmers' Welfare Role of State in Strengthening Governance', *Journal of Public Affairs and Change*, 1 (2), 2018, pp. 90-107.

Jyotishi, Amalendu, R. Parthasarathy and Sajiv Madhavan, 'Institutional Challenges of Common Pool Resource Management: Insights from Tawa Reservoir Fisheries Cooperative', in Manish K. Verma (Ed.), *Globalisation, Environment and Social Justice: Perspectives: Issues and Concerns*, Routledge, London, 2019, pp. 201-224.

Parthasarathy, R. and Soumini Raja, 'Urban-Rural Water Nexus: Issues in Environmental Planning', *ITPI Journal*, 15 (1), 2018, pp. 37-48.

Nair, Tara, 'Mapping and Measuring Media Ownership and Control: A Critical Note', *Economic and Political Weekly*, 53 (45), 2018, pp. 63-65.

Nair, Tara and Keshab Das, 'Financing the Micro and Small Enterprises in India: Antecedents and Emerging Challenges', *Economic and Political Weekly*, 54 (3), 2019, pp. 37-43.

Viswanathan, P.K., Jharna Pathak and Madhusudan Bandi, 'Impact of Salinity Prevention and Management Interventions on Farm Livelihoods in Coastal Regions: A Case Study in Gujarat', India' in Mrutyunjay Swain and S.S. Kalamkar, (Eds.), *Water Governance in India: Issues and Concerns*, Allied Publishers, New Delhi, 2018, pp. 277-309.

Shah, Amita, Itishree Pattnaik and Animesh Kumar, 'Changing Scenario of Migration and Poverty in India: Reflections and Issues', in Aasha Kapur Mehta, Shashanka Bhide, Anand Kumar and Amita Shah (Eds.), *Poverty, Chronic Poverty and Poverty Dynamics: Policy Imperatives*, Springer, Singapore, 2018, pp. 127-152,

Shah, Amita, Kiran Banga Chhokar, Sanjay Pratap and Itishree Pattnaik (2018), 'Interface Between Education and Poverty in India: Eluding Goals and Search for New Perspectives?', in Aasha Kapur Mehta, Shashanka Bhide, Anand Kumar and Amita Shah (Eds.), *Poverty, Chronic Poverty and Poverty Dynamics: Policy Imperatives*, Springer, Singapore, pp. 195-240.

Other Publications

Bandi, Madhusudan, 'Forest Rights Act: Amend, to Make it Work', *Deccan Herald, Kalburgi Edition*, February 13, 2019, p. 10.

Lalitha, N. and Madhusudan Bandi, 'Location Based Agricultural Products and Economic Challenges: A Case Study of Bhalia Wheat in Gujarat' (Theme: Location of Economic Activity), Proceedings of the International Seminar 12th World Congress of the Regional Science Association of India (RSAI), "Spatial System: Social Interpretations, Regional Development and Sustainability", Birla Institute of Technology and Science, Goa, May 29-June 1, 2018, pp. 575-582.

Vinayan, Soumya and N. Lalitha, 'Geography and Crafts: Geographical Indications from South India', Proceedings of the 12th World Congress of the Regional Science Association of India (RSAI), "Spatial Systems: Social Integration, Regional Development and Sustainability", Birla Institute of Technology and Science, Goa, May 29-June 1, 2018, pp. 1397-1404.

Lalitha, N. Soumya Vinayan and C.J. Anson, 'Potential of GIs is Waiting to be Tapped', 2018, <https://www.thehindubusinessline.com/todays-paper/tp-opinion/article25676643.ece>.

Suran, B.S. and N. Lalitha, 'Farmer Producer Bodies Need Help', 2019, <https://www.thehindubusinessline.com/todays-paper/tp-opinion/article25956034.ece>

Pathak, Jharna, 'Why Can't You Separate Religion from Politics: Open Letter to Rahul Gandhi', *The Wire*, November 28, 2018. (<https://thewire.in/politics/why-cant-you-separate-religion-from-politics-open-letter-to-rahul-gandhi>)

GIDR Working Papers

- 249 Keshab Das and Nonita Tamulak Yap, 'Dunking the Dust: Innovation Diffusion, Informality and Policy Opportunities in a Stone Crushing Cluster, India', April 2018.
- 250 Venkatanarayana Motkuri and Rudra Narayana Mishra, 'Pharmaceutical Industry and Policy: Some Notes on Regulations and Drug Price Control Regime in India', September 2018.
- 251 Keshab Das, 'Crafts, Innovation and Exclusion: Posers from a Terracotta Cluster in Rural Rajasthan', October 2018.
- 252 Lalitha N and Biplab Dhak, 'Health Vulnerabilities among Children in the Age Group of 0-5: An Analysis of the Data from the NSS 71st Round', December, 2018.
- 253 Jharna Pathak, 'Kashmir: Caught between Fire, State and Fundamentalism', January 2019.

Project Reports

Ramaswami, Bharat, Milind Murugkar, N. Lalitha and Carl E. Pray 'Agricultural Biotechnology Debates in the Rural and in the Urban: Media and the Mobilization of Opinion', submitted to the Templeton Foundation (through Pragati Abhiyan, Nashik), April 2018.

Lalitha, N., 'Traditional Knowledge Based Handicrafts - Assessment of Vulnerabilities and Role of Intellectual Property Rights in Conservation and Promotion: Study of Select Crafts from Kutch, Gujarat', submitted to the Indian National Trust for Art and Cultural Heritage, New Delhi, April 2018.

Nair, Tara and Rudra Narayan Mishra, 'Tobacco Processing in India: Workers and Livelihoods', submitted to the Centre for Multi-Disciplinary Development Research, Dharwad, May 2018.

Nair, Tara, 'Bringing Sustainable and Equitable Sanitation Services to Small and Medium Towns in India', submitted to the CEPT University, Ahmedabad, June 2018.

Parthasarathy, R., 'Baseline Survey and Vulnerability Assessment of Villages in the Identified Three Regions of the Kachchh District', submitted to the GEER Foundation, Gandhinagar, June 2018.

Nair, Tara, 'Evaluation Study of SEBI Financial Education Resource Persons Program', submitted to the National Institute of Securities Markets, Mumbai, August 2018.

Pathak, Jharna and Madhusudan Bandi, 'Impact Evaluation Study of Selected Educational and Skill Development Programmes', submitted to CLP India Private Limited, Bharuch, Gujarat, October 30, 2018.

Referees for the Working Paper Series

Saradindu Bhaduri, Associate Professor, Centre for Studies in Science Policy, Jawaharlal Nehru University, New Delhi.

Keshab Das, Professor, GIDR, Ahmedabad.

E. Haribabu, Former Professor of Sociology, University of Hyderabad, Hyderabad.

William Joe, Assistant Professor, Institute of Economic Growth, New Delhi.

N. Lalitha, Professor, GIDR, Ahmedabad.

Gautam Navlakha, People's Union for Democratic Rights, Delhi.

Leela Visaria, Honorary Professor, GIDR, Ahmedabad.

5 Participation in Seminars/Conferences/Workshops and Teaching

Madhusudan Bandi

Presented a paper on “Role of Agricultural Extension Services in Doubling Farm Income: A Case Study of Select GI Products from Gujarat, India” (with N. Lalitha and Soumya Vinayan) at the conference on ‘Transforming Agricultural Extension, Systems: Towards Achieving the Relevant Sustainable Development Goals for Global Impact’, co-organized by Participatory Rural Development Initiatives Society (PRDIS) and Sri Lanka Agricultural Extension Association and held at Oak Ray Regency Hotel, Kandy, Sri Lanka, May 10-11, 2018.

Presented a paper on “Farmers’ Response to Climate Change: A Case Study of Bhalia Wheat Growers from Gujarat” (with N. Lalitha and Soumya Vinayan), at the National Workshop on ‘Making Indian Agriculture Climate Friendly’, organised by and held at Institute for Social and Economic Change, Bangalore, June 7-8, 2018.

Participated as an expert at the Workshop on ‘Identification of Research Methodology Resources for Teachers in Higher Education’, National Institute of Education Planning and Administration, New Delhi, June 11-13, 2018.

Expert Resource Person in Refresher Programme titled ‘Art and Science of Thinking and Research: Augmenting Interdisciplinary Approach in ICT Era’, Institute of Law, CQAAD, Nirma University, Ahmedabad, July 5, 2018.

Presented a paper on “Understanding the Concept of Rural University and Community Development: A Review of Literature” (with Mansukh Mandaviya), at the National Seminar on ‘Rural Development Discourses on Practices and New Paradigms’, organised by and held at Lokbharati Lokseva Mahavidyalaya, Sanosara, Gujarat, July 21, 2018.

Acted as a Referee to scrutinise the research proposals by the faculty members of Institute of Law, Centre for Quality Assurance and Academic development (CQAAD), Nirma University, Ahmedabad, July 23, 2018 and August 14, 2018.

Delivered a Public Lecture as a Guest Speaker on “Forest Rights Act, 2006: Its Opaque Implementation and the Way Forward” at a Seminar on ‘Agrarian Crisis in India: Challenges and the Way Forward’, organised by and held at the Centre for Social Justice, Institute of Law, Nirma University, Ahmedabad, October 1, 2018.

Keshab Das

As a Panelist, made a presentation on “Craft Clusters in Rural India: Addressing Policy Challenges” at the Inclusive Manufacturing Forum (IMF) Workshop on ‘Craft and Small Scale Manufacturing:

Policy for IM', organised by the Indian Institute of Science, Bangalore, National Institute of Advanced Studies (NIAS), Bangalore and Cranfield University, UK and held at NIAS, Bangalore, April 5-7, 2018.

As elected Councillor participated in the First Meeting of the New Executive Council for 2018-19 of the Indian Social Science Academy held at the School of International Studies, JNU, New Delhi, May 26, 2018.

Engaged in an interactive session on rural sanitation initiatives with functionaries of Gram Vikas coordinated by and held at Gram Vikas, Berhampur, Odisha, May 28, 2018.

Gave a seminar on "Indian MSMEs in Times of Globalization: Concerns and Possibilities" at the School of Humanities and Social Sciences, National Institute of Science Education and Research, Bhubaneswar, Khurda, May 30, 2018.

Presented a paper on "Issues in Scaling Up Sanitation in Rural Gujarat: Rethinking Policy Options" at the National Seminar on 'Sociology of Sanitation', co-organized by M.K. Bhavnagar University, Bhavnagar, Gujarat University, Ahmedabad and Sulabh International Centre for Action Sociology, New Delhi and held at Gujarat University, Ahmedabad, June 25-27, 2018.

Made a presentation on "Job Creation in Gujarat's Ceramic Clusters: Preliminary Observations" at the Workshop on 'Labour-Intensive Manufacturing in India' organised by and held at the Indira Gandhi Institute of Development Research, Mumbai, July 19-20, 2018.

Chaired the Technical Session on 'Complexities of Finance to the MSME Sector' and served as a Lead Discussant for the Round Table Session on 'MSME Sector: Challenges and Opportunities' at the National Workshop on 'Understanding Criticality of Flow of Funds for Robust Growth of MSMEs', organized by and held at the Institute for Studies in Industrial Development, New Delhi, August 13, 2018.

Made a presentation on "New Digitization and MSMEs in India: Posers and Emerging Responses" at the Asian Society for Innovation and Policy (ASIP) Annual Conference on 'New Technological Paradigm and Innovation Policy in Asia', organized by ASIP and held at the College of Innovation, Thammasat University, Bangkok, Thailand, September 13-15, 2018.

Took a session on "Indian MSMEs and Issues in Innovation" for research scholars at the 5th IndiaLICS Training Programme on 'Innovation Systems and Sustainable Development' organised by the Centre for Sustainability Innovations & Strategy, LM Thapar School of Management (LMTSM), Mohali and Centre for Development Economics & Innovation Studies, Punjabi University, Patiala and held at LMTSM, Mohali, September 14-19, 2018.

Presented a paper on "Crafts, Innovation and Exclusion: Posers from a Terracotta Cluster in Rural Rajasthan" at the International Seminar on 'Inclusive Development: Issues and Challenges (in honour

of R. Radhakrishna)', co-organised by the Centre for Economic and Social Studies (CESS) and Institute of Public Enterprise (IPE), Hyderabad and held at both CESS and IPE, Hyderabad, October 8-10, 2018.

Presented a paper on "Reforms and Rescaling Space: Dynamics of Discrete Industrialism in Federal India" at the National Seminar on 'Regions and the Centre: Emerging Dynamics of Federal India since the 1990s', organized by and held at the Indian Institute of Advanced Study, Shimla, October 9-11, 2018.

Presented a paper on "Industrializing through Rescaling Space: Experience and Policy Challenges in India" at the International Conference on 'Planning for Industrialization in the 21st Century', organized by the Department of Economics and held at the Punjabi University, Patiala, November 16, 2018. Also, chaired a Technical Session on Regional Aspects of Industrialization.

Participated in the European Union supported State Level Project End Workshop on 'Improving Access to Information on Public Schemes in Backward Districts in India 2014–2018', organised by Unnati and held at the Ahmedabad Management Association, Ahmedabad, December 1, 2018.

Made two presentations on "Identifying Research Questions and Data Sources: Initial Steps" and "4th Industrial Revolution and the Digital Challenge" (with Hastimal Sagara) at the State Level 'Research Workshop for Students', organised by the Faculty of Commerce (B. Com.), GLS University, Ahmedabad (in collaboration with the Indian Social Science Academy, Allahabad) and held at GLS University, Ahmedabad, December 7, 2018. Also, acted as a Co-convenor of the workshop.

Made a presentation on "Construction Workers' Welfare and the State: Preliminary Remarks" at the Seminar on 'Role of Construction Workers' Welfare Board: Improving Living Condition of Construction Workers', organized by Bandhkam Mazdoor Sangathan, Ahmedabad and held at the Mahatma Gandhi Labour Institute, Ahmedabad, December 15, 2018.

Presented a paper on "Labour Agency in Times of Global Production Networks: Reflections from India" (with Peter Knorringa) at the 60th Labour Economics Conference of the the Indian Society of Labour Economics, organised by and held at the Indira Gandhi Institute of Development Research (IGIDR), Mumbai, December 19-21, 2018. Also, acted as a Discussant for the session on 'Emerging Labour Markets and Employment Challenges'.

Presented Chairperson's paper on "New Digitization and Indian MSMEs: Key Concerns and Possibilities" at the National Symposium on 'Impact of Digital Technology on Indian Economy and Indian People' as part of the 42nd Indian Social Science Congress, organised by and held at KIIT University, Bhubaneswar, December 27-31, 2018. Coordinated and chaired the Symposium and gave a lecture at a Plenary Session.

Presented a paper on “Indian MSMEs through the Reforms: Policy Concerns and Possibilities” at the National Seminar on ‘Paradigm Shift of the Indian Economy: New Growth Forces with Greater Inclusiveness’, organized by Dr. Shanker Dayal Sharma Institute of Democracy of the University of Lucknow, and held at the Institute of Financial Management Training and Research, Lucknow, January 22-24, 2019. Also, co-chaired a technical session on ‘Health and Education Status in Uttar Pradesh and Its Challenges’.

As Member, Advisory Committee for an ICSSR Study entitled, ‘Climate Change, Diversification and Well Being in Rural Odisha’, attended the presentation of survey findings at a meeting organized by and held at the Institute of Economic Growth, New Delhi, February 5, 2019.

Delivered the Prof. Baidyanath Misra Endowment Lecture on “State, Capital and Uneven Development: Rethinking Industrialism” at the 51st Annual Conference of the Orissa Economics Association, organised by and held at the Department of Economics, Kendrapara Autonomous College, Kendrapara, Odisha, February 9-10, 2019.

Took two sessions on “Indian MSMEs in Times of Globalisation: How Have They Been?” and “Indian Industrial Clusters: Conceptual and Policy Concerns” at the Refresher Course in ‘Economics and Statistics’ for Assistant Professors serving at various colleges and universities across Odisha State, organised by and held at the UGC-Human Resource Development Centre, Utkal University, Bhubaneswar, February 14, 2019.

Chaired the Stakeholders’ Discussion on ‘Domestic Workers in India’ organized by and held at the Gujarat Institute of Development Research, Ahmedabad, February 22, 2019.

Participated as a Subject Expert in the Board of Studies Meeting for designing the course structure for MA in Economics of the School of Liberal Studies, Pandit Deendayal Petroleum University, Gandhinagar, February 23, 2019.

Took a session on “Policy and Performance of Indian MSMEs since the Reforms” at the ICSSR sponsored Capacity Building Programme for Social Science Faculty Members, organised by and held at the Sardar Patel Institute of Economic and Social Research, Ahmedabad, February 25, 2019.

Acted as internal examiner for a PhD (Economics) scholar’s viva voce examination at IGNOU, New Delhi, March 5, 2019.

Participated as a Guest of Honour in the National Conference on ‘Revisiting India-East Asian Connections: Problems and Prospects’, organized by the Department of Economic Studies, Central University of Punjab (CUP) and held at CUP, Bathinda, Punjab, March 7-8, 2019.

Delivered a special lecture on “MSMEs in India: Policy Concerns in Times of Globalisation” under the auspices of the UGC-Centre for Advanced Studies Visiting Professorship organised by and held at the Department of Economics, Punjabi University, Patiala, March 12, 2019.

Took a session on “Literature Review in Social Science Research: Issues and Approaches” for the M.Phil. and Ph.D. scholars of social sciences organised by and held at the Department of Sociology, Punjabi University, Patiala, March 13, 2019.

Amrita Ghatak

Presented a paper on ‘Economic burden of health among women in agriculture in India’ at the Research Institute for Humanities and Nature (RIHN), Kyoto, Japan, April 16, 2018.

Presented a paper on “Economic Vulnerability of Women in Agriculture in India: Evidence from National Sample Survey 2013”, at the 60th Annual Conference of the Indian Society of Labour Economics, organized and held at the Indira Gandhi Institute of Development Research (IGIDR), Mumbai, December 19-21 2018.

Made a presentation on “Formulation of Hypothesis, Sampling Techniques - Methods” in the training programme on Quantitative and Qualitative Methods in Labour Research organised jointly by the Mahatma Gandhi Labour Institute (MGLI) and V V Giri National Labour Institute (VGNLI), Noida and held at MGLI, Ahmedabad, December 31, 2018 - January 4, 2019.

Made a presentation on “Status of Occupational Health of Labourers of India and Gujarat” at the Training Programme on ‘Labour Issues and Policies in India’, organised by and held at the Mahatma Gandhi Labour Institute, Ahmedabad, December 31, 2018 - January 4, 2019.

Presented a paper on “Economic Well-being and Working Conditions of Domestic Workers in India: A Tale of Two Cities” at the Dissemination Seminar and Stakeholders’ Panel Discussion on ‘Domestic Workers in the Informal Work-space: Wages and Working Conditions’, GIDR, Ahmedabad, February 22, 2019.

N. Lalitha

Presented a paper on “Development Outcomes of Geographical Indications Protection in India: Study of Select Crafts from Southern India” (with Soumya Vinayan), at the Development Convention 2018, organised by and held at the Institute for Social and Economic Change, Bangalore, April 24-25, 2018.

Presented a paper on “Role of Agricultural Extension Services in Doubling Farm Income: A Case Study of Select GI Products from Gujarat, India” (with Madhusudan Bandi and Soumya Vinayan), at the Conference on ‘Transforming Agricultural Extension Systems: Towards Achieving the Relevant Sustainable Development Goals for Global Impact’, organized by the Participatory Rural Development Initiatives Society (PRDIS) and Sri Lanka Agricultural Extension Association and held at Oak Ray Regency Hotel, Kandy, Sri Lanka, May 10-11, 2018.

Presented two papers on “Location Based Agricultural Products and Economic Challenges: A Case Study of Bhalia Wheat in Gujarat” (with Madhusudan Bandi) and “Geography and Crafts:

Geographical Indications from South India” (with Soumya Vinayan) at the 12th World Congress of the Regional Science Association, International on ‘Spatial Systems: Social Integration, Regional Development and Sustainability’ and held at BITS Pilani, Goa, May 29- June 1, 2018.

Presented a paper on “Farmers’ Response to Climate Change: A Case Study of Bhalia Wheat Growers from Gujarat” (with Madhusudan Bandi and Soumya Vinayan), at the National Workshop on ‘Making Indian Agriculture Climate Friendly’ organised by and held at the Institute for Social and Economic Change, Bangalore, June 7-8, 2018.

Presented a paper titled “Geographical Indications and Crafts Sector of India” (with Soumya Vinayan) at the Seminar on ‘Geographical Indications from India and Italy’, organised by the Consulate General of Italy, and held at ITC Sonar Bangla, Kolkata, July 13, 2018.

Delivered a special lecture on “Agri Business and Rural Economy”, at the National Seminar on ‘Rural Development-Discourses on Practices and New Paradigms’, at Lok Seva Maha Vidyalaya, Lok Bharati, Sanosara, July 21, 2018.

Presented a paper on “Health Vulnerabilities among Children in the Age Group of 0-5 years: An Analysis of the Data from the NSS 71st Round” (with Biplab Dhak), organized by the NSSO and held at Andhra University, Visakhapatnam, August 23-24, 2018.

Presented a paper on “Geographical Indications, Crafts and Rural Livelihoods: Evidences from South India” (with Soumya Vinayan), at the Forum ‘Origin, Diversity and Territories, Session on Origin-linked Products and Sustainable Rural Tourism’, Turin, Italy, September 19-21, 2018.

Participated in the Research Design Workshop of the Evaluation of the “Early Impacts of the Better Cotton Initiative on Smallholder Cotton Producers in Kurnool District, Andhra Pradesh”, organized by the Natural Resources Institute, Greenwich University, UK and held at Centre for Economic and Social Studies, Hyderabad, September 20, 2018.

Lectured on “GI and Its Importance to the Local Economy” to the undergraduate students of Mariam College, Kuttikanam, Kerala, December 3, 2018.

Delivered a special lecture on “GIs as a Tool in Agri Business” at the International Conference on ‘Emerging Global Economic Situation: Impact on Trade and Agribusiness in India’, organised by Charutar Vidya Mandal’s Bhikhabhai Jivabhai Vanijya Mahavidyalala, Vallabh Vidyanagar and Agro Economic Research Centre, Sardar Patel University, Vallabh Vidyanagar, Anand, September 29, 2018. Also, chaired a technical session on “Emerging Issues in Agri Business Management”.

Discussed the chapter on “Inter-State Disparities in Healthcare Costs, Health Insurance Coverage and Financial Protection to the Poor in India: A Comparative Analysis of National Sample Surveys for 1986-87, 1995-96, 2004 and 2014” (with Anil Gumber and Biplab Dhak), in the meeting

to discuss the book on “India’s Challenging Journey towards Universal Health Coverage with Ahushman Bharat, D. Narayana (ed.), Azim Premji University, Bengaluru, November 1-2, 2018.

Presented a paper on “FPCs in the Horticulture Sector of India- Can They Help in Doubling Farmers Income? –A Case Study of Sahyadri FPC”, at the National Seminar on ‘Farmer Producer Organisations as Risk Mitigation Institutions for Small and Marginal Farmers in India-Issues, Challenges and the Way Forward’, organised by GIZ and Government of Karnataka and held at Hotel Lalit Ashok, Bangalore, December 4-5, 2018.

Contributed a paper on “Infringements in GI Protected Products - How Do We Protect the Producers and Consumers” (with Soumya Vinayan), to the International Conference on ‘Law and Economics 2018’, organised by and held at the Gokhale Institute of Politics and Economics, Pune, December 15-16, 2018.

Participated in the validation workshop of the project on ‘Evaluation of the early Impacts of the Better Cotton Initiative on Smallholder Cotton Producers in Kurnool District, Andhra Pradesh’, organized by the Natural Resources Institute, Greenwich University, UK and held at the Centre for Economic and Social Studies, Hyderabad and Hotel Marigold, Hyderabad, January 21-22, 2019.

Delivered a lecture on “Emerging Era of Geographical Indications: Importance and Benefits” at the Orientation Workshop on ‘National Intellectual Property Rights and Policy’ organised by and held at the Gujarat Council of Science and Technology, Department of Science and Technology, Government of Gujarat, Gandhinagar, January 28-30, 2019.

Rudra Narayan Mishra

Gave a lecture on “Population and Demography: Emerging Challenges in Context of India and Gujarat”, on the occasion of celebrating World Population Day, organised by and held at Gujarat Vidyapith, Randheja, Gandhinagar, July 16, 2018.

Made a presentation on “One Decade of MGNREGS: Status of the study in Gujarat and Rajasthan and Some Preliminary Insights” (with Tara Nair), at the Progress Review Workshop organized by and held at National Institute of Rural Development and Panchayati Raj (NIRD & PR), Hyderabad, July 19, 2018.

Made a presentation on “Preliminary Findings from Odisha” at a Workshop on ‘Financialisation and Poverty’ (as part of the ICSSR sponsored project) on ‘Impact of Financialisation on Household Economies: Enquiry in the Context of Select Indian States’, organised by and held at GIDR, Ahmedabad, July 26, 2018.

Made a presentation on ‘Preliminary Findings from Gujarat and Rajasthan’(with Tara Nair), at the Regional Workshop on ‘One Decade of MGNREGA in Western India: Pointers from an Assessment

Study' co-organised by the National Institute of Rural Development & Panchayati Raj (NIRD & PR), Hyderabad and GIDR, Ahmedabad and held at GIDR, Ahmedabad, December 5, 2018.

Presented a paper on "Prevalence of Undernutrition in India: Does Intensity and Severity of the Deprivation Matter", at the 16th Annual Conference of the Indian Association for Social Sciences and Health (IASSH) organised by the Centre for the Study of Regional Development, Jawaharlal Nehru University and held at New Delhi, December 10-12, 2018.

Presented a paper, on "Rural Workforce in India: Analysis of Growth and Changing Structure based on Census Data" (with Venkatanarayana Motkuri and Lakshiram Hansda), at the 60th Annual Conference of Indian Society of Labour Economics, organised by and held at the Indira Gandhi Institute of Development Research, Mumbai, December 19-21, 2018.

Presented a paper, on "Does Intensity and Severity in Prevalence of Child Undernutrition Varies by Ethnic Groups: A Case of Two Selected Indian States", at the 42nd Indian Social Science Congress, organised by and held at the KIIT University, Bhubaneswar, December 27-31, 2018.

Presented a paper on "National Drug Policy Face-off: Some Notes Justifying the Regulations and Drug Price Control Regime in India", (with Venkatanarayana Motkuri), at the 19th Annual Conference of Indian Association of Social Science Institutions (IASSI), jointly organised by the National Institute of Rural Development and Panchayati Raj (NIRD & PR), Hyderabad and Centre for Economic and Social Studies (CESS), Hyderabad and held at NIRD & PR, Hyderabad, January 11-13, 2019.

Participated in the Scoping Training Workshop on "Dried Fish Matters (DFM): Mapping the Social Economy of Dried Fish in South and Southeast Asia for Enhanced Wellbeing and Nutrition", organised by the Social Sciences and Humanities Research Council of Canada (SSHRC) and held at Hotel Long Beach, Cox's Bazar, Bangladesh, February 22-25, 2019.

Made a presentation on "A Decade of MGNREGS: Insights from Gujarat and Rajasthan"(with Tara Nair) at the National Workshop on 'One Decade of MGNREGA in Western India: Pointers from an Assessment Study', organised by and held at the National Institute of Rural Development & Panchayati Raj (NIRD & PR), Hyderabad, March 14, 2019.

Tara Nair

Moderated a Panel Discussion on 'Approaches in Fostering Financial Inclusion in Madhya Pradesh', at the Madhya Pradesh Financial Inclusion Conclave 2018 on 'Financial Inclusion - An Imperative for Inclusive Development', organised by Microfinance Institutional Network (MFIN), and held at Courtyard Marriot, Bhopal, April 25, 2018.

Intimate Partner Violence in the Gujarat, Consultation on 'Data driven advocacy for SDGs 3 and 5 - Gujarat Report Card', organised by SAHAJ and held at Hotel Sav Shanti Towers, Vadodara, April 3 and 4, 2018.

Acted as a Discussant in the Panel Discussion on “Lessons from Self Help Group-Bank Linkage: A Platform for Formal Financial Access in India”, at the Global Savings Group conference 2018, organised by the SEEP Network and held at Radisson Blu Convention Centre, Kigali, Rwanda, May 22-24, 2018.

Made a presentation on “SEBI Financial Education Resource Persons Programme: Major Observations from an Evaluation Study”, organised by the National Institute for Securities Markets (NISM) and held at the Securities Exchange Board of India (SEBI), Mumbai, June 30, 2018.

Delivered a lecture on “Building Research Capabilities: Challenges and Options”, at the Brain Storming Session organised by and held at the Bhopal School of Social Sciences, Bhopal, July 15, 2018.

Made a presentation on “Financialisation of Poverty: Reflections from Gujarat” at the Discussion Meeting organised as part of the ICSSR sponsored project on the Impact of Financialisation on Household Economies: Enquiry in the Context of Select Indian States, organised by and held at GIDR, Ahmedabad, July 26, 2018.

Served as a Panelist for the discussion on ‘Studying Social Enterprises’, at the Conference on ‘Rural India: Blossoming or Neglect?’, organised by Vikas Anvesh Foundation (Tata Trust) and held at BAIF Campus, Warje, Pune, August 29, 2018.

Participated as a Key Resource Person and lectured on “Introduction to Writing Research Proposals” at the Legal Writing Clinic, organised by the Institute of Law, Nirma University, Ahmedabad, October 28, 2018.

Made a presentation on “MGNREGS in Gujarat: Trends and Patterns over a Decade”, at the Regional Workshop on ‘One Decade of MGNREGA’, jointly organised by GIDR, Ahmedabad and National Institute of Rural Development and Panchayati Raj (NIRD & PR), Hyderabad and held at GIDR, Ahmedabad, December 5, 2018.

Made a presentation on “Digital Credit Initiatives and Privacy Issues” at the State Level Research Workshop for students jointly organised by the Indian Social Science Academy (ISSA), Allahabad and Faculty of Commerce, GLS University, Ahmedabad and held at GLS University, December 7, 2018.

Made a presentation on “Digital Finance-scape in India: Challenges and Opportunities at the 42nd Indian Social Science Congress”, jointly organised by the Indian Social Science Academy (ISSA), Allahabad and KIIT University, Bhubaneswar and held at KIIT University, Bhubaneswar, December 30, 2018.

Made a presentation as a panelist on “Gender and Work in the IT Industry” at the Open Session on ‘Gender Equality in the Indian Information Technology (IT) Workplace’ at the Tenth International Conference on Information and Communication Technologies and Development (ICTDX), organized

by the International Institute of Information Technology, Bangalore and held at the Indian Institute of Management Ahmedabad (IIMA), January 6, 2019.

Invited as a speaker at the National Seminar on 'Transforming Rural India 2030: Strategies for Sustainable Development Goals' organised by the Symbiosis School of Economics (SSE) and Symbiosis Institute of International Business (SIIB) in collaboration with National Bank for Agriculture and Rural Development, and held at SIIB, Pune, January 18, 2019.

Chaired a session on 'Financial Inclusion' at the Fifth Foundation Day Symposium on 'Women as Agents of Change for Development', organised by the Development Management Institute and held at the Bihar Museum Auditorium, Patna, February 14, 2019.

Attended the Scoping Training Workshop of 'Dried Fish Matters (DFM): Mapping the Social Economy of Dried Fish in South and Southeast Asia for Enhanced Wellbeing and Nutrition' organised by the University of Manitoba with support from the Social Sciences and Humanities Research Council of Canada (SSHRC) and held at Hotel Long Beach, Cox's Bazar, Bangladesh, February 22-25, 2019.

Made a presentation on "A Decade of MGNREGS: Insights from Gujarat and Rajasthan" at the National Workshop on 'One Decade of MGNREGA in Western India: Pointers from an Assessment Study'(with Rudra N. Mishra), organised by and held at the National Institute of Rural Development & Panchayati Raj (NIRD & PR), Hyderabad, March 14, 2019.

R. Parthasarathy

Served as a Jury for Environmental Planning students, CEPT University, Ahmedabad, April 16, 2018.

Served as a Jury to evaluate the theses work of students from Masters in Urban & Regional Planning (MURP) at Faculty of Planning, CEPT University, Ahmedabad, May 3, 2018.

Participated in the first meeting of Working Group for Thematic Consultations on Environment, Department of Planning, Government of Tamil Nadu, Chennai, May 9, 2018.

Participated in the Workshop on 'The Downstream of the Dam' held at SOAS, University of London, London, June 11-15, 2018.

Participated in the 'Land Use (Planning) Policy - TN: Thematic Consultations', Department of Planning, Government of Tamil Nadu, Chennai, July 13, 2018.

Chaired the inaugural address at the National Seminar on 'Rural Development- Discourses on Practices and New Paradigms', Lokbharati Lokseva Mahavidyalaya, Sanosara, Bhavnagar, July 21, 2018.

Chaired a Session on 'Open House' at the Workshop on 'Pedagogic Tools in Urban Planning Education', CEPT University, Ahmedabad, August 4-5, 2018.

Participated the International Conference on 'Plan OK Please: Incubating Ideas for Regional Land Use Planning in India', organized by the Gesellschaft für Internationale Zusammenarbeit (GIZ) and held at Mamallapuram, Tamil Nadu, October 29-31, 2018.

Participated in a Seminar on 'Understanding Role of NGO in R&R Process', organized by and held at GIDR, Ahmedabad, January 11, 2019.

As a Plenary Session Speaker made a presentation on "Economic and Social Aspects of Rural Development", at the 22nd Nirma International Conference on Management (NICOM), Nirma Univeristy, Ahmedabad, January 17-19, 2019.

Gave an expert lecture on "Governance in Water Sector: A Planner's Perspective" at the School of Planning and Architecture, Bhopal, March 20, 2019.

Jharna Pathak

Organised a training programme on 'Gender Issues in Labour', jointly with the V. V. Giri National Labour Institute, Noida and GIDR, Ahmedabad, September 25-28, 2018.

Lectured on "Gender Issues in Labour" at an Orientation Programme for Ph.D. Scholars organised by and held at the Academic Staff College, Gujarat University, Ahmedabad, December 19, 2018.

Took a session on "Sexual Harassment at Workplace (Prevention, Prohibition and Redressal) Act 2013", at the Orientation Programme on 'Quantitative and Qualitative Methods in Labour Research' organised by the Mahatma Gandhi Labour Institute (MGLI) and the V. V. Giri National Labour Institute, Noida and held at MGLI, Ahmedabad, December 31, 2018 - January 4, 2019.

Served on the panel of speakers on 'Violence against Women', organised as a part of 'Consultation on Gender, Health and Women's Issues in Gujarat: Implications for SDGs 3 (health and well-being) and 5 (gender equality) for girls and women' co-organised by SAHAJ, GIDR and ANANDI (Area Networking and Development Initiatives) and held at the Ahmedabad Management Association, Ahmedabad, February 5, 2019.

Took a session on "Sustainable Agriculture" at the Capacity Building Programme for Faculty Members in Social Sciences, organised by and held at the Sardar Patel Institute of Economic and Social Research, Ahmedabad, February 18-27, 2019.

Presented a paper on "Women in Gujarat Politics" at the National Consultation of 'Women in State Politics', organised by and held at the Punjab University, Chandigarh, February 28-29, 2019.

Itishree Pattnaik

Invited as a resource person to deliver a lecture on “Women Agricultural Workers in Gujarat: Potential and Challenges” at the Quarterly Meet of Working Group for Women and Land Ownership (WGWLO), held at the All India Institute of Local Self Governance, Ahmedabad, July 23-25, 2018.

Presented a paper on “What Determines Women’s Agricultural Participation? A Comparative Study of Landholding Households in Rural India”, at the International Conference on ‘Gender Equality through the Strategy of Gender Mainstreaming’, organised by and held at the Presidency University, Bangalore, September 6-7, 2018.

Acted as a panelist on the theme ‘Women Farmer’s Contribution in Agriculture - Their Issues’, at the State Level Consultation on ‘Women Farmers - We are Farmers’, organized by the Working Group for Women and Land Ownership (WGWLO) and held at the Gujarat National Law University, Gandhinagar, October 23, 2018.

Presented a paper on “Women and Sustainable Farming at the Margin: Posers from Rural India”, at the International Conference on ‘Sustainability and Development’, organised and held at the University of Michigan, USA, November 9-11, 2018.

Presented a paper on “Gendered Impacts of Short-Duration Male Out-migration: Evidence from Rural India”, at the 60th Labour Economics Conference, organized by and held at the Indira Gandhi Institute of Development Research (IGIRD), Mumbai, December 19-21, 2018.

Took a session on “Status of Agricultural Labour in India and Gujarat”, at the Training Programme on ‘Labour Issues and Policies in India’, organized by and held at the Mahatma Gandhi Labour Institute, Ahmedabad, December 31, 2018 to January 4, 2019.

Presented a paper on “What Determines Women’s Agricultural Participation? A Comparative Study of Landholding Households in Rural India’ at the 19th Annual Conference on the Indian Association of Social Science Institutions held at the National Institute of Rural Development and Panchayati Raj, Hyderabad, January 11-13, 2019.

Presented a paper on “Status of Women Land Ownership in India (Gujarat): Customary Practices vs. Codified Laws” at the ‘India Land and Development Conference 2019: Partnership for Enhanced Inclusion and Impact’, organised by Centre for Land Governance and held at India International Center, New Delhi, March 12-14, 2019.

6 Representation in Professional Bodies, Fellowships and Recognition

Madhusudan Bandi

Co-guiding a Doctoral Thesis (Title: “Role of Gram Vidhyapiths in Community Development and Future Challenges”, Maharaja Krishnakumarsinhji Bhavnagar University, Bhavnagar.

At GIDR: Coordinator, Faculty Seminar Series; Convenor, Faculty Meetings; Member: Library Committee, Member, Purchase Committee, and Member, Infrastructure/ Maintenance and Repair Committee.

Keshab Das

Visiting Professor, UGC Centre for Advanced Study (CAS) Programme, Department of Economics, Punjabi University, Patiala, Punjab, March 2019.

Invited Speaker, Prof. Baidyanath Misra Endowment Lecture at the 51st Annual Conference of the Orissa Economics Association, Kendrapara Autonomous College, Kendrapara, Odisha, February 9-10, 2019.

Life Member, Orissa Economic Association, Bhubaneswar.

Expert, Impactful Policy Research in Social Science (IMPRESS), Indian Council of Social Science Research, New Delhi.

Fellow, Global Labor Organization (GLO) (Global network and virtual platform on labour) at <https://glabor.org/wp/>

Recognised doctoral supervisor for (i) IGNOU, New Delhi, (ii) Gujarat University, Ahmedabad and (iii) Maharaja Krishnakumarsinhji Bhavnagar University, Bhavnagar.

Member, Steering Committee, Construction of India Youth Development Index, Rajiv Gandhi National Institute of Youth Development, Sriperumbudur, Tamil Nadu.

Member, Revitalising Rainfed Agriculture Network (RRAN), Secunderabad.

Member, Sub-Committee on “Diversification, Food Processing and Non-Farm, Cluster Approach” of the Commission on Inclusive and Sustainable Agriculture Development of Andhra Pradesh, Government of Andhra Pradesh, Hyderabad.

Member, Asia and the Pacific Policy Society, Crawford School of Public Policy, Australian National University, Canberra.

Life Member, Indian Society of Labour Economics, New Delhi.

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

Member, National Peoples Committee on Peoples University.

Life Fellow, Councillor (2018-20) and Executive Council Member (2019-20), Indian Social Science Academy (ISSA), Allahabad.

Member, Scientific Committee of the journal *Innovation and Development*, Routledge.

Member, Scientific Committee, Indian Centre for Economic Research (ICER) at the Institute of Interdisciplinary Studies in Humanities and Social Sciences (IISHSS), New York.

Member, Environment and Development Forum, a wing of Media for Sustainable Development, Centre for Environment Education.

Member, Water Supply and Sanitation Collaborative Council, Geneva.

Member, CapNetIndia (A network to build capacity for integrated water resources management in India).

Member, South Asian Network for Development and Environmental Economics, Kathmandu, Nepal.

Member, Programme Executive Committee, Water Resources Research Foundation, Ahmedabad.

Member, Solution Exchange for the Water and Environmental Sanitation Network in India, UNDP, New Delhi.

Member, Advisory Body, Solution Exchange for the Work and Employment Community, UNDP, New Delhi.

Member, New Asia Forum, Research and Information System for Developing Countries (RIS), New Delhi.

Peer Reviewer Reference:(1) Journal: *Asian Journal of Innovation and Policy*; Organisational: 16th Globelics Conference, Accra, Ghana; and 42nd Indian Social Science Congress, Bhubaneswar.

Guided a doctoral thesis on “Growth and Transformation of the Information Technology Sector in India: A Case of Gujarat” under the PhD in Economics programme of the IGNOU, New Delhi, 2018. (Degree awarded).

Acted as external examiner for Ph.D. theses of the Tata Institute of Social Sciences, Mumbai; University of Mysore, Mysore; and Punjabi University, Patiala.

At GIDR: Staff Representative; Member, Governing Body (resigned on May 2, 2018); Member, Administration and Finance Committee (resigned on May 2, 2019); Member, Board of Trustees of the GIDR Employees’ Gratuity Trust; and Member, Purchase Committee.

Amrita Ghatak

Life Member, Indian Society for Ecological Economics (INSEE).

Annual Member, Indian Society for Labour Economics (ISLE) during 2018-19

Peer Reviewed Reference: Sage Open Journals and *Journal of Social and Economic Development*.

Served as external examiner/paper setter for PG examination of Economics at St. Joseph’s College, Bangalore.

At GIDR: Coordinator, Discussion Series; and ICSSR Ph.D. Fellowship Programme.

N. Lalitha

Life Member, Indian Society of Agricultural Economics

Life Member, Indian Society for Ecological Economics

Nominated Member, Complaints Committee for Prevention of Sexual Harassment, Nirma University, Ahmedabad.

External Member, IPR Committee to establish IPR cell at Deen Dayal University, Gorakhpur.

Member, Editorial Board, *Journal of Intellectual Property Rights*, New Delhi.

Member, Editorial Board, *Amity Journal of Economics*, Amity University, Noida.

Member, Board of Studies, School of Social Sciences, Central University of Gujarat, Gandhinagar. Recognised guide for the Ph.D. programme in Economics of the Gujarat University, Indira Gandhi National Open University, Maharaja Krishnamukarsinhji Bhavnagar University.

Served as an external examiner for a Ph.D. thesis submitted to Mewar University.

Peer Reviewer: (i) *Journal of Intellectual Property Rights*, and (ii) Book proposal for Routledge, New Delhi.

At GIDR, Coordinator, Computer committee and purchase committee

Rudra Narayan Mishra

Life Member, Indian Association of Social Science and Health

Life Member, Indian Society of Labour Economics

Life Member, Indian Association of Social Science Institutions

InLife Member, Indian Social Science Academy, Allahabad

Peer Reviewer: *Science Indicators Research, Journal of Agricultural Economics and Rural Development and International Journal of Public Health and Epidemiology Research.*

Tara Nair

Member, International Association for Feminist Economists

Life Member, Indian Association of Women Studies

Member, Governing Board, Area Networking and Development Initiatives (ANANDI), Gujarat.

Trustee, Centre for Gender and Financial Education, Ahmedabad.

Member, Research Advisory Committee, Bankers' Institute of Rural Development (BIRD), Lucknow

Peer reviewer/ Referee: Journals: *Vikalpa: The Journal for Decision Makers; Economic and Political Weekly; Development in Practice; African Journal of Science, Technology, Innovation and Development; Micro Finance Review; Journal of Land and Rural Studies; Development and Change; Journal of Creative Communication; Journal of South Asian Development and Decision.* Publishers: Routledge and Oxford University Press.

At GIDR: Coordinator, Working Paper Series and Presiding Officer, Employee Complaints Committee.

R. Parthasarathy

Member, Advisory Committee for the Project on WUA of Maharashtra, Tata Institute of Social Sciences, Mumbai (since December 2018).

Member, Academic Council, Sankalchand Patel Univeersity, Visnagar, Gujarat (since November 2018).

Member, Advisory Committee, Western Regional Centre, ICSSR, Mumbai (since November 2017).

Member and Treasurer, Governing Board, Development Support Centre, Ahmedabad (since November 2017).

Member, Governing Board, Development Support Centre Foundation, Ahmedabad (since November 2016).

Expert, Screening Committee for Ph.D. Supervisor, Faculty of Management, Nirma University, Ahmedabad (since November 2017).

Member, Advisory Committee of the Directorate of Research & Innovation, Nirma University, Ahmedabad (since June 2017).

Member, Research Progress Committee (RPC), Nirma University, Ahmedabad (since November 2016).

Member, Thesis Advisory Committee (TAC), Institute of Management, Nirma University, Ahmedabad.

Member, National Academic Advisory Committee on 'Peoples Health and Quality of Life in India', Indian Social Science Congress (since April 2016).

Member, Indian National Commission for Cooperation with UNESCO, MHRD, Government of India (since September 2015).

Member, Expert Committee to Review Social Impact Assessment (SIA) for Ahmedabad Metro, Government of Gujarat (since September 2015).

President, Governing Board, Arid Communities and Technologies (ACT), Bhuj, Kachchh (since January 2004).

Member, Academic Area Committee in Economics and Finance, Nirma University, Ahmedabad.

Member, Ad hoc Joint Board of Studies in Planning, Nirma University, Ahmedabad (since December 2015).

Member, Gujarat Institute of Desert Ecology, Bhuj, Kachchh (since June 2011).

Member, Editorial Board, *Amity Journal of Economics*, Amity University, Noida.

Guiding two Ph.D. students of M.K. Bhavnagar University, Bhavnagar. Co-guiding 12 Master of Urban and Regional Planning students working on dissertations, CEPT University, Ahmedabad.

Jharna Pathak

Member, Indian Association for Women's Studies.

Secretary, Ahmedabad Women's Action Group, Ahmedabad.

Guided a post graduate student on 'Portrayal of Violence against Women in Indian Print Media' under the Masters programme in Development Communication, Gujarat University, Ahmedabad.

Member, Viva Panel for masters' theses of the Gujarat University, Ahmedabad: Department of Communication, Journalism and Public Relations.

At GIDR: Co-Coordinator, Library Committee; and Member, Purchase Committee.

Itishree Pattnaik

Life Member, Indian Society of Labour Economics.

Member, Indian Association of Social Science Institutions.

Visiting Faculty, Institute of Architecture and Planning, Nirma University, Ahmedabad, July 2018 to December 2018.

Received the 'Ruddar Datt Memorial Award' for best paper at the 60th Labour Economics Conference, organized by the Indian Society of Labour Economics and held at the Indira Gandhi Institute of Development Research (IGIDR), Mumbai, December 19-21, 2018.

7 Research Support Services

Library

The GIDR library is one of the leading professional research and reference libraries in the city, with a large collection of books, journals, government documents and publications of other social science institutions. The library is also open to external research scholars for reference work. Besides books on various social science subjects, the library has a rich collection of statistical publications including a complete collection of the reports of India's National Sample Survey Office. The collection includes Population and Economic Censuses, Agricultural Statistics, Industrial Statistics, National Accounts Statistics, Statistical Abstracts, Budget documents and other government reports. A fairly comprehensive collection of statistics on the state of Gujarat is also available, some of which date back to the 1960s.

As on March 31, 2019, the library had a collection of 3695 bound volumes and 22,553 books selectively chosen for reading and reference. These include reference materials, reports, books and micro materials. Subjects covered include employment and labour studies, ecology and environment, forestry, health and social welfare, women studies, population studies, social sector, urban development, industry, infrastructure, finance, banking, land and agriculture studies, water and natural resources, economics and planning. The library has a good collection of micro materials which include working papers, occasional papers and research reports from national and international organisations of repute. About 56 printed national and international periodicals are subscribed to and 22 journals received on exchange and as gift. A total of 81 publications were added to the collection during 2018-19. The publications include 47 books purchased and 34 books and reports received as gift. It also subscribes nine daily newspapers. The library's electronic resources include online database like PROWESS-IQ, IndiaStat, JSTOR and Ebsco-Econlit with full text.

The expenditure incurred during 2018-19 for books was Rs. 72,052 and for the subscription of journals was Rs. 1,70,750.

All the library functions are fully automated using the user-friendly library management software LIBSYS and CDS/ISIS. Bibliographic details of library holdings are accessible through Online Public Access Catalogue (OPAC) from the library computers. Apart from its own holdings, the OPAC facility also provides access to articles from selected Indian and foreign journals. The Library provides the following services: Newspaper clippings; Photocopying; Inter-library loan; Services through Internet; Database/article search; Online Public Access Catalogue (OPAC); Scanning facility; Current Awareness Service (CAS); and New arrival list (through e-mail).

Computer Centre

The Institute has a state-of-the-art Computer Centre with 58 numbers of client computers hooked through a Local Area Network using Windows 2012 R2 Domain Server and Seqrite 7.4 End Point Antivirus Security. A last-mile Radio Frequency (RF) connectivity with 16 Mbps (1:1) bandwidth providing continuous internet access facility has been in place. We have a set of high-speed Dual Side Laser Jet Network Printers for production of quality outputs to support our system. It is also equipped with an Uninterrupted Power Supply Unit of 10 Kilovolt-amp (KVA) with battery backup for all computer systems. The centre has the capacity to handle large-scale field survey based on data and data from sources like Census, National Sample Surveys, and National Account Statistics, etc. The computer centre has been renovated entirely with modern equipment creating facility for training programmes and seating arrangements for about 20 users.

8 Expenditure and Sources of Funding

The total core expenditure of the Institute during 2018-19 was Rs. 326.12 lakh (including recoveries of Rs. 102.74 lakh from sponsored projects), which was higher than that of the previous year 2017-18 (Rs. 312.09 lakh, including recoveries of Rs. 68.93 lakh from sponsored projects). The project expenditure increased from Rs. 161.95 lakh in 2017-18 to Rs.270.71 lakh in 2018-19. During the same period, the income of the Institute was Rs. 401.79 lakh and Rs.505.37lakh, respectively. The following table presents a brief summary of the audited income and expenditure account.

Total Expenditure of GIDR, 2017-18 and 2018-19

(Rs. In lakh)

Particulars	Year	
	2018-19	2017-18
Sources of Income		
ICSSR Grant	179.71	175.00
Govt. of Gujarat	19.00	19.00
Project Fund Recognised	270.71	161.95
Other (including interest on FD/Bonds)	35.95	45.84
Total (Income)	505.37	401.79
Expenditure		
Core Expenditure	223.38	243.16
Project Expenditure	270.71	161.95
Total (Expenditure)	494.09	405.11

Endowment Fund

The Endowment Fund of the Institute increased from Rs. 193.29 lakh as on March 31, 2018 to Rs.193.35 lakh as on March 31, 2019. This increase is from the contribution of faculty members from consultancy assignments that they undertook during the year.

Annexure 1: Institutional Research Projects and Consulting Assignment

Completed Projects

Title	Sponsor(s)	Researcher(s)
Agricultural Biotechnology Debates in the Rural and in the Urban: Media and the Mobilization of Opinion	Templeton Foundation (through Pragati Abhiyan, Nashik)	<i>Bharat Ramaswami, Milind Murugkar, N. Lalitha and Carl E. Pray</i>
Guiding Process Documentation Research of the Stake Holder Engagements of WOTR	Watershed Organisation Trust (WOTR), Pune	R. Parthasarathy
Economic Analysis of Agricultural Program		N. Lalitha
Climate Change Adaptation for Natural Resource Dependent Communities of Kutch District: Enhancing Resilience through Water and Livelihood Security and Ecosystem Restoration	Gujarat Ecological Education and Research Foundation, Gandhinagar	R. Parthasarathy
Tobacco Processing in India: Workers and Livelihoods	Centre for Multi-Disciplinary Development Research (CMDR), Dharwad	Tara Nair and Rudra Narayan Mishra
Bringing Sustainable and Equitable Sanitation Services to Small and Medium Towns in India	CEPT University, Ahmedabad	Tara Nair
Evaluation Study of SEBI Financial Education Resource Persons Program	National Institute of Securities Markets, Mumbai	Tara Nair
Traditional Knowledge and Practices in Handicrafts – Role of Intellectual Property Rights Policies in Conservation and Promotion: Study of Select Crafts from Gujarat	INTACH Heritage Academy, New Delhi	N. Lalitha
A Study of the Programme of Non-Formal Education in Bharuch District of Gujarat	CLP India Private Ltd., Bharuch	Jharna Pathak and Madhusudan Bandi

Projects in Progress

Title	Sponsor(s)	Researcher(s)
Indian Pharmaceutical Industry in Transition: Issues in Supply of and Accessto Generic ARVs	French National Agency for Research on AIDS and Viral Hepatitis (ANRS), Paris, France	Keshab Das and Tara Nair
Geographical Indication Protected Agricultural Products from Select States of India: An Inquiry into the Economic, Livelihood and Institutional Aspects	Indian Council of Social Science Research, New Delhi (in collaboration with Council for Social Development, Hyderabad)	N. Lalitha, Madhusudan Bandi and <i>Saumya Vinayan</i>
Topographic Mapping and Supplementary Survey of PAFs in the E-WCorridor (Western Reach and Underground Alignment)	Metro Link Express for Gandhinagar and Ahmedabad (MEGA) Company Limited, Gandhinagar	R. Parthasarathy
MEGA Centre for Management and Coordination of R&R Work and Agencies	Metro-Link Express for Gandhinagar and Ahmedabad (MEGA) Company Limited, Gandhinagar	R. Parthasarathy
One Decade of Mahatma Gandhi NREGA: Participatory Assessment and Way Forward	National Institute of Rural Development & Panchayati Raj, Hyderabad	Tara Nair and Rudra Narayan Mishra
Financialisation and Its Impact on Domestic Economies: An Interdisciplinary Enquiry in the Context of Select Indian States	Indian Council of Social Science Research, New Delhi	Tara Nair, <i>Isabelle Guerin</i> , <i>Jayashree Ambewadikar</i> and Rudra Narayan Mishra
Broad-basing Rural Sanitation: Issues and Strategies in Inclusive Innovation in India and South Africa	Indian Council of Social Science Research, New Delhi	Keshab Das
Outcome Evaluation of State Finances in the context of recommendations of the 14th Finance Commission: Determination of a sustainable debt roadmap for 2020-25, taking into account impact of introduction of GST and other tax/ non-tax trend forecasts	Fifteenth Finance Commission, New Delhi	<i>Yogesh Yadav and Himani Baxi</i>

Projects Initiated

Title	Sponsor(s)	Researcher(s)
Impact of Demand Side Financing Instruments on the Continuum of Care for Maternal and Child Health in India and Bangladesh	Department of Biotechnology, Ministry of Science and Technology, Government of India, through Centre for Development Studies, Trivandrum	Rudra Narayan Mishra
Value of Statistical Life and Compensating Wage Differentials in Manufacturing Sector in Gujarat	Gujarat Institute of Development Research, Ahmedabad	Amrita Ghatak

Consulting Assignments

The Complexity in Determination of Minimum Wages for Domestic Workers in India	V.V. Giri National Labour Institute, Noida	Amrita Ghatak and <i>Kingshuk Sarkar</i>
Job Creation in Gujarat's Ceramic Clusters: Issues and Possibilities	Ford Foundation, New Delhi (through IGIDR, Mumbai).	Keshab Das
Early Impacts of the Better Cotton Initiative on Smallholder Cotton Producers in Kurnool District, India	Natural Resource Institute, Greenwich University, UK	N. Lalitha (with researchers from the Natural Resources Institute, Greenwich University, UK; Centre for Economic and Social Studies, Hyderabad; and Pragmatix, Haryana)

Annexure 2: Governing Body of the Institute and Other Committees

Members of the Governing Body (2017-2019)

Dr. Kirit Parikh (President)	Former Member, Planning Commission, New Delhi
Mr. Sunil Parekh (Vice President)	Advisor, Zydus Cadila Healthcare, Ahmedabad
Dr. Ravindra Dholakia	Former Professor, Indian Institute of Management, Ahmedabad
Dr. Sudarshan Iyengar	Former Vice Chancellor, Gujarat Vidyapith
Dr. Tushaar Shah	Principal Scientist, IWMI, Colombo
Dr. Manjula Subramaniam, IAS (Retd.)	Former Chief Secretary, Government of Gujarat, Gandhinagar
Dr. V. Thiruppugazh, IAS	Joint Secretary (Policy & Plan), National Disaster Management Authority, New Delhi
Dr. Leela Visaria	Honorary Professor, GIDR, Ahmedabad
Member Secretary	Indian Council of Social Science Research, New Delhi
Dr. R. Radhakrishna (ICSSR Nominee)	Chairman, National Statistical Commission, New Delhi
Principal Secretary (Higher & Technical Education)	Department of Education, Government of Gujarat, Gandhinagar
Financial Advisor	Department of Education, Government of Gujarat, Gandhinagar
Representative	IDBI, Ahmedabad
Dr. R. Parthasarathy (Secretary)	Director and Professor, GIDR, Ahmedabad

Members of the Sub-Committees Appointed by the Governing Body

Administration and Finance Committee	Academic Affairs Committee	Board of Trustees of GIDR
Prof. Ravindra Dholakia	Prof. Kirit Parikh	Prof. Kirit Parikh
Prof. Tushaar Shah	Prof. Amitabh Kundu	Prof. Ravindra Dholakia
Prof. Sudarshan Iyengar	Prof. R. Nagaraj	Prof. Leela Visaria
ICSSR Nominee	Prof. Biswajit Dhar	Prof. Sudarshan Iyengar
Financial Adviser	Prof. Tushaar Shah	Prof. R. Parthasarathy
(Dept. of Higher Education, Govt. of Gujarat)	Prof. Anil Gupta	
Prof. R. Parthasarathy	Prof. S.P. Kashyap	
	Prof. R. Parthasarathy	

Annexure 3: Members of the Institute

Life Members

Dr. Y.K. Alagh Dr. J.N. Barmeda* Dr. Rakesh Basant Mr. Ashok Bhargava Ms. Elaben Bhatt Dr. M.L. Dantwala* Dr. Keshab Das Mr. B.J. Desai Dr. G.M. Desai* Mr. Nirubhai Desai* Dr. Ravindra H. Dholakia Dr. Victor D'souza Mr. V.B. Eswaran Mr. Anil Gumber Dr. Anil K. Gupta Dr. R.K. Hazari* Dr. Sudarshan Iyengar Mr. L.C. Jain*	Mr. Haresh Khokhani Dr. V.N. Kothari* Dr. T.N. Krishnan* Dr. Amitabh Kundu Dr. D.T. Lakdawala* Dr. N. Lalitha Dr. B.V. Mehta* Ms. Kalpana Mehta Dr. K.T. Merchant* Dr. Nirmala Murthy Mr. P. Rajeevan Nair Dr. Tara Nair Dr. D.D. Narula* Dr. Kirit Parikh Mr. Sooryakant Parikh Dr. R. Parthasarathy Mr. Bhupendra Patel Dr. Rohini Patel	Dr. V.M. Patel Dr. Taraben Patel* Dr. Mahesh Pathak Dr. S.P. Punalekar* Ms. Shalini Randeria Dr. V.M. Rao* Dr. V.K.R.V. Rao* Dr. D.C. Sah Dr. J.C. Sandesara Dr. Kartikeya V. Sarabhai Dr. J.K. Satia Dr. Amita Shah Mr. Anil C. Shah* Mr. Bakul V. Shah Dr. C.H. Shah* Dr. Ghanshyam Shah Mr. Niranjan C. Shah Ms. Sarla V. Shah*	Mr. Vimal Shah* Dr. V.P. Shah Dr. Abusaleh Shariff Dr. Utpal Sharma Dr. N.R. Sheth Dr. Pravin Sheth* Dr. S.N. Singh Mr. Manu Shroff* Mr. K.P. Solanki Dr. K. Sundaram Dr. H.M. Shivanand Swamy Dr. Suresh D. Tendulkar* Mr. Nalin Thakor* Dr. Jeemol Unni Dr. A. Vaidyanathan Dr. Abhijit Visaria Dr. Pravin Visaria* Dr. B.N. Vishwanath* Dr. V.S. Vyas
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Patron Members (Individuals)

Dr. Jalaludin Ahmed Dr. Yogesh Atal Dr. Jagdish Bhagwati Dr. V.V. Bhatt* Mr. Chhotalal Bheddah Dr. W.C.F. Bussink* Ms. Madhu Chheda Mr. Vijay Chheda Dr. John G. Cleland Dr. Ansley Coale* Mr. Rahul Dedhia Dr. G.M. Desai* Dr. Padma Desai Ms. Svati Desai	Dr. V. Dupont Dr. Prakash Gala Dr. Anrudh K. Jain Mr. L.K. Jain Ms. B.K. Jhaveri Ms. H.K. Jhaveri Dr. Vikram Kamdar Dr. J. Krishnamurty Dr. D.T. Lakdawala* Mr. L.M. Maru Dr. Amita Mehta Dr. Moni Nag Ms. Heena Nandu Mr. Mavjibhai Nandu	Dr. B.K. Pragani Mr. P.C. Randeria Dr. D.C. Rao Dr. S.L.N. Rao Mr. Vadilal Sanghvi Mr. Shashikant N. Savla Mr. Coovarji N. Shah* Mr. Devchand Shah Ms. Jaya D. Shah Mr. Takashi Shinoda Dr. Leela Visaria Dr. Pravin Visaria* Dr. Sujata Visaria
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Patron Members (Institutions and Corporations)

Industrial Development Bank of India, Mumbai ICICI, Mumbai IFCI, New Delhi AEC Limited, Ahmedabad Surat Electricity Company Limited, Surat Herdillia Chemicals Limited, Mumbai	Mahindra and Mahindra Limited, Mumbai Operations Research Group, Vadodara Excel Industries Limited, Mumbai Malti Jayant Dalal Trust, Chennai IPCL, Vadodara Aarti Industries Limited, Mumbai
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*Deceased

Annexure 4: Staff Members as on April 1, 2019

Name	Designation	Qualifications
Faculty		
Mr. R. Parthasarathy	Director and Professor	Ph.D. (University of Mysore)
Mr. Keshab Das	Professor	Ph.D. (Jawaharlal Nehru University)
Ms. N. Lalitha	Professor	Ph.D. (Bangalore University)
Ms. Tara Nair	Professor	Ph.D. (Jawaharlal Nehru University)
Ms. Jharna Pathak	Assistant Professor	Ph.D. (Gujarat University)
Mr. Rudra Narayan Mishra	Assistant Professor	Ph.D. (Jawaharlal Nehru University)
Ms. Itishree Pattnaik	Assistant Professor	Ph.D. (University of Hyderabad)
Mr. Madhusudan Bandi	Assistant Professor	Ph.D. (BR Ambedkar Open University)
Ms. Amrita Ghatak	Assistant Professor	Ph.D. (University of Mysore)
Ms. Leela Visaria	Honorary Professor	Ph.D. (Princeton University)
Academic Support Staff		
Mr. Has Mukh Joshi	Statistical Assistant	B.R.S.
Mr. Ganibhai Memon	Statistical Assistant	B.R.S., D.R.D. (IGNOU)
Ms. Ila Mehta	Statistical Assistant	M.A.
Mr. Bharat Adhyaru	Data Entry Operator	B.Com.
Ms. Arti Oza	Data Analyst	B.Sc.
Library Staff		
Ms. Minal Sheth	Assistant Librarian	B.Com., M.Lib.
Mr. Dinesh Parmar	Peon	H.S.C.
Administrative Staff		
Mr. P. Rajeevan Nair	Administrative Officer	B.Com., LL.B.
Mr. Prashant B. Dhoriya	Accountant	M.Com.
Ms. Girija Balakrishnan	Steno Typist	S.S.L.C.
Ms. Sheela Devadas	Typist Clerk	S.S.L.C.
Mr. Kunal M. Rajpriya	Accounts Assistant	B.Com.
Mr. Dixit Parmar	Peon	
Mr. Shivsingh Rathod	Peon-cum-Driver	



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