

ANNUAL REPORT

2018-2019



Sardar Patel Institute of Economic and Social Research

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Sardar Patel Institute of
Economic and Social Research

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(as on 31-03-2019)

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PRESIDENT'S STATEMENT



Vijay Rupani
Chief Minister, Gujarat State

Apro/Ug/2020/11/06/Dt



Dt.06/11/2020

Message

**“Learning from today will make us stronger and better.
There will be a new dawn and a brighter tomorrow very soon.”**

-Narendra Modi

Research is a state of mind-it is a friendly and welcoming attitude toward potential change. The difference between curious students is that the student learns from readymade material, while the researcher dives deep and fathoms the subject, outcome of which will be used by the students. We, the Indians, worship the beauty of Mother Nature and the research is the medium that opens up the hidden potentials of any subject just like opening of the petals of flower and revealing its beauty.

I am much pleased to learn that the **Sardar Patel Institute of Economic and Social Research (SPIESR)** is publishing its **“Annual Report**. I am sure, with a generous financial buttressing, **SPIESR** would come up with scientific social research on a fairly large scale and work on the problems of national economy. I congratulate the **SPIESR** team for the commendable spirit exhibited through their research endeavors and wish them all success for the future.



(Vijay Rupani)

VICE PRESIDENT'S MESSAGE



The Institute's Campus, the green acres of Thaltej are an attraction of the city. Hundreds of residents come every day for a walk. Its buildings are imposing on the hill and very functional. But its almost half a century ago they were built. A Redevelopment Plan has been prepared and is being implemented depending on the availability of resources.

The Institute has a small carefully selected Faculty. Efforts are underway to augment it. The Institute encourages its Faculty to participate in National Academic Meetings. During the year the following such presentations were made:

Associate Professor, Dr. Munish Alagh,

- (1) Paper presented at Annual Conference of Indian Society of Agricultural Economics, Institute of Economic Growth, New Delhi, November 3, 2018.
- (2) Paper presented at Annual Conference of Agricultural Economics Research Association of ICAR, NDRI, Karnal, November 17, 2018.
- (3) Paper presented at Annual Conference of Indian Association of Agricultural Marketing, Bengaluru, December 23, 2018.
- (4) Paper presented at Annual Meeting of Indian Association of Social Science Institutions, NIRD, Hyderabad, January 13, 2019.

Its Library and Computer Facilities are State-of-the-Translations-Art. During the year, 105 titles were added to the Library (14 from donations, 46 by exchange and 45 by purchase). The Institute support its faculty and students by dissemination facilities. It has a Monograph Series, which has 32 titles (*Annexure-1*). During the year, no more titles were published, but as its completed projects finish completion formalities, more titles will be added. However, the Institute faculty published books, notably:

Yoginder K. Alagh, *Economic Policy in a Liberalising Economy, Indian Reform in this Century*, Springer Palgrave Macmillan Series in Public Policy, Singapore and Holland, 2018.

The books published by faculty are reported in the following pages.

The Institute's refereed Journal, 'Anvesak' is meant to give publication facilities to its faculty, although outside contributions on a selective basis are accepted. During the year, Vol. 47, No. 1-2 and Vol.48, No.1 of 'Anvesak' were printed and Vol.3 (1-2 issues) of 'Madhukari', its Journal of Gujarati translations.

The Institute has a Working Paper (WP) Series for its faculty (*Annexure-2*). During the year, the following titles were added to the WP series. Also, the following titles were submitted for inclusion and are being processed. Working Paper 26, "A Proposed Efficient yet Inclusive Agricultural Model for Gujarat" by Dr. Munish Alagh.

The Institute has a Reprint Series (*Annexure-3*). During the year, the following Reprints were added:

- "On a Revived Planning Commission", *Planning in the 20th Century and Beyond - India's Planning Commission and the NITI Aayog*, edited by Santosh Mehrotra and Sylvie Guichard published by Cambridge University Press, Yoginder K. Alagh.
- "Indian Planning circa 2018 and Past Experience: Did Experts Make a Difference?", *Planners in Politics, Do they Make a Difference?, Elgar Studies in Planning Theory, Policy and Practice*, edited by Luis Albrechts, published by Edward Elgar Publishing Ltd., Yoginder K. Alagh.
- "The Next Stage of Planning in India", *Economic & Political Weekly*, Vol. LIII, Nos.26 & 27 June 30, 2018. Book Review: "Counting the Poor in India: Where Do We Stand", *Indian Journal of Agricultural Economics*, Vol.73, No.2 April-June, 2018, Yoginder K. Alagh.

The Institution is making efforts to use its resources optimally and augment in. The Director and I will be grateful for any suggestions for improvements.

Yoginder. K. Alagh
Vice President



FROM THE DIRECTOR'S DESK



It gives me great pleasure to take you through the Annual Report of the Institute for the year 2018-19. At the outset, with the uninterrupted support from the Government of Gujarat and the Indian Council of Social Science Research (ICSSR), SPIESR has continued to maintain its momentum through high quality research carried out by its faculty with the untiring support from its staff members. SPIESR's enduring reputation is due to its emphasis on empirical research wherein data collection plays a pivotal role. Multi-disciplinary analysis of issues related to the socio-economic development of the country has always been the focus of the Institute. Its research areas envelope a wide range of themes addressing domestic as well as global challenges.

I am happy to report that the Institute has also started investing on its campus improvement programmes with the support of ICSSR. At this juncture, I feel privileged to thank and put on record my sincere gratitude and also earnestly look forward to receiving unflinching assistance from all the stakeholders and other institutions as we move ahead. The Institute has initiated focus on various issues viz., tribal development, methodological improvements in impact assessment in the field of natural resource management and the like. The way forward needs to focus on consolidation and strengthening of faculty and their academic endeavours.

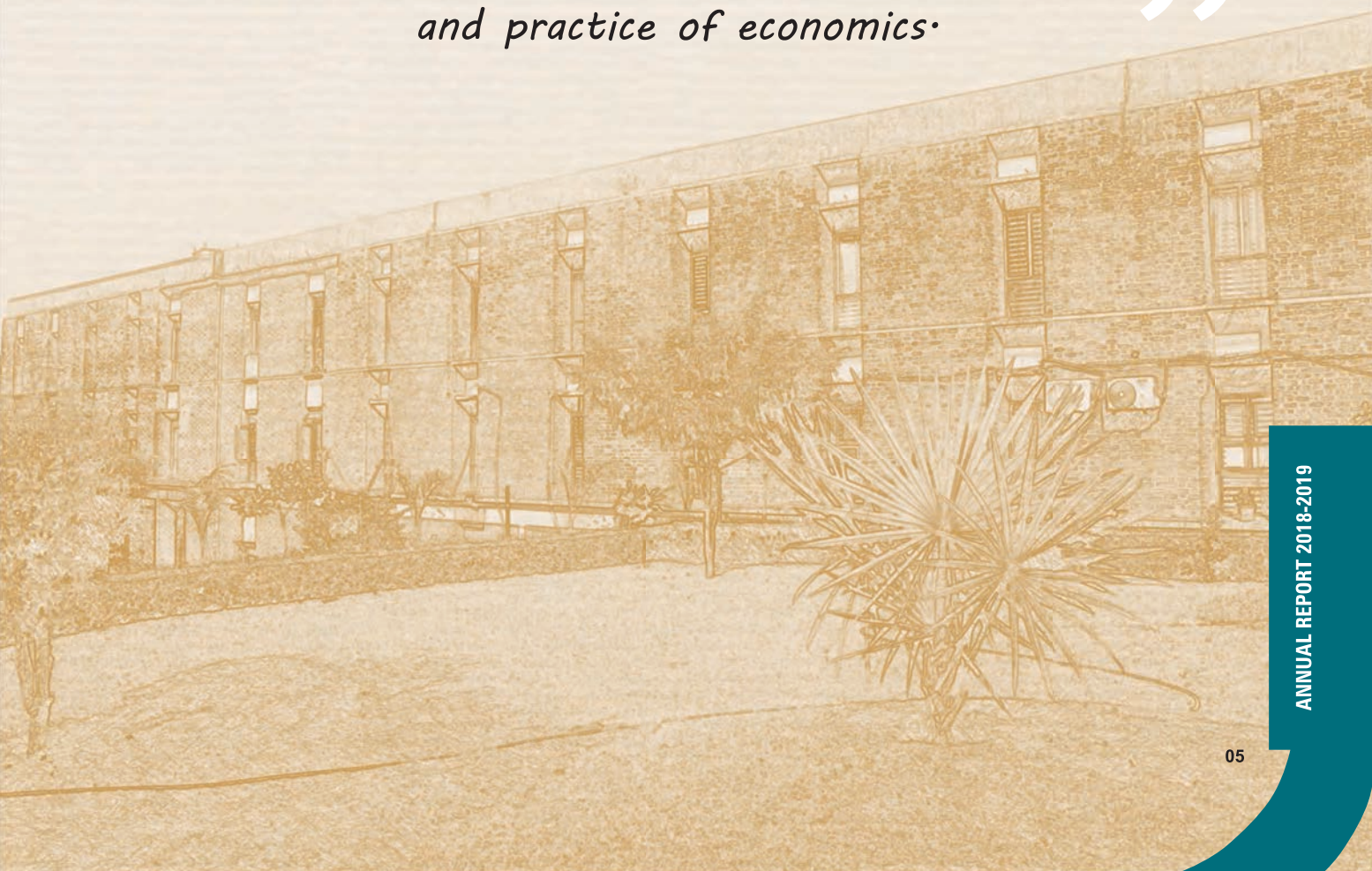
The highlights of the activities presented in the document reflect what we have been able to achieve as also the new paths that we are laying for the next few years.

I solicit comments, suggestions and above all support, from all those aligned with the relevance of social science research in the country, to which SPIESR is an important contributor.

Niti Mehta
Ahmedabad

THE INSTITUTE

“ *As a bastion of socially relevant research, Sardar Patel Institute of Economic and Social Research (SPIESR) is an accomplished Social Science Knowledge / Research Centre engaged in conducting academic enquiries on a wide set of issues related to the theory and practice of economics.* ”



Genesis

Sardar Patel Institute of Economic and Social Research (SPIESR), an autonomous institution, set up in 1969 by a number of philanthropists and industrialists, with the support of Government of Gujarat, is a national resource institution in the field of social sciences and humanities research. Keeping its contribution in view, Government of India recognised SPIESR as a National Institute in the year 1975. Subsequently, the Indian Council of Social Science Research (ICSSR) also recognised it as an ICSSR Research Institute. It is jointly funded by ICSSR and Government of Gujarat.

The Mandate

SPIESR has the overall mandate to generate and disseminate new knowledge and undertake extension activities, and capacity building of academia. Its approach is inter-disciplinary, enveloping social sciences. The specific directives of the Institute are to:

- Conduct research on economic and social problems of basic and applied nature.
- Accord due attention to the problems of the region, and work on the problems of the national economy.
- Foster training of researchers and faculty members of various universities and colleges across the country; and strengthen the research skills of Ph.D. students.
- Actively disseminate new knowledge in social sciences and humanities by conducting seminars, workshops, lecture series, publications (of books, research reports, journals in English and Gujarati), etc.

Governing Body

The Governing Body of SPIESR consists of prominent social scientists and civil servants, with Chief Minister of Gujarat as its ex-officio Chairman. While the State Government and the ICSSR (Central Government) nominate their members to the Governing Body, one member is nominated by each of Patron Members (donors), Corporate Members, Institutional Members, Professional Members and Individual Members.

The Themes

The primary focus of the Institute has been multi-disciplinary analysis of issues related to socio-economic development addressing a wide range of themes concerning domestic as well as global challenges.

By incorporating emerging dimensions of development and economic growth, and integrating them with past experiences in practices, SPIESR has been contributing to policy making at state and national levels primarily in the areas of – microeconomics, macroeconomics, monetary economics, trade, agriculture, industry, poverty, employment, social infrastructure (education and health), human development and environment. Most research of the Institute has a strong theoretical underpinning.

The Campus

The Institute has a well-maintained, aesthetically beautiful, and environment friendly campus spread over 50 acres of a hillock (called 'Tekra' in Gujarati), in western Ahmedabad. It is also known as 'lungs of the city' because of its greenery. This prime piece of land was generously allocated to the Institute by the Government of Gujarat. Its lush green landscape provides a serene ambience for serious research work.

The campus consists of a Research-cum-Administration Complex, Library, Hostel-cum-Guest House, Canteen and Staff Quarters.



ANNUAL REPORT FOR THE YEAR 2018-2019: A GLIMPSE

Sardar Patel Institute of Economic and Social Research (SPIESR) as a research institution in the realm of social science has a mandate to act as a crucial link between theory and practice in the domain of social sciences and humanities. As an acknowledged research centre, the Institute, since its inception, has maintained the tradition of contributing to the socio-economic development of the country by investigating the emerging challenges, and supporting policy formulation.

Research being the main artery of its overall activities, major thrust of the Institute was on the cutting edge multi-disciplinary analysis contributing to the frontiers of knowledge in social sciences research. This, in turn, has led to research projects in orbit around a wide range of topics contributing to the ongoing debates on sustainable development. During the year under review, research in the Institute



heavily focused on rural development. A few illustrative projects undertaken by SPIESR are:

- National Level Monitoring (NLM) and Evaluation of Rural Development Programmes carried out in specific states of the country focusing on developmental activities at the ground level aimed at ensuring effectiveness, transparency and accountability in programme implementation, besides providing policy makers a feedback on the entire process of policy formulation and impacts.
- A study on the effectiveness of Self-Help Groups (SHGs) in rural empowerment highlighted their impact on income and employment patterns of the households.
- The study on Digital Connectivity and Rural Development brought to the fore its impact and implications on socio-economic disparities.
- Studies taken up on tribal development, with a special focus on Scheduled Tribes (ST), delved into the efficacy of initiatives mainly related to enhancing livelihood options, human resource development and, gaps identified therein.
- The study on Female Labour Force Participation and Structure of Wages looked into the dynamics of skilled and unskilled female workers in the urban labour market of India.
- In a study taken up on the urban front, an attempt was made to develop a comprehensive Urban Transport Policy.



Since **publications** are regarded as an authentic way for a resource organisation to earn acknowledgement and recognition at national and international levels, during the year under review, the Institute's faculty members strived towards publishing their research work in books, articles in journals of repute, research papers and chapters in published books.



With **Seminars/Conferences/Workshops** widely considered as effective forums for exchanging ideas among academics and practitioners, the faculty members actively hosted/participated in such events.

Yet another contribution of the Institute has been in **offering guidance to young Doctoral Fellow in Economics**. It may be mentioned that the faculty members of SPIESR are recognised as Ph.D. guides by the Gujarat University.

Committed to research, training and education, SPIESR as a national research institution, has set before itself the mission of advancing the frontiers of knowledge on which other organisations could draw upon. For augmenting the nation's aggregate capacity to develop its intellectual potential, the Institute's faculty regularly extended their academic knowledge and expertise through **outreach programmes**, and established linkages with other national institutions and universities.

Academically, it has been a productive year. Financially, the Institute's performance could be considered satisfactory. Its total income including grants was Rs.214.18 lakh. This year, a cash surplus of Rs.0.04 lakh was recorded, unlike the previous year that suffered a loss of Rs.39.46 lakh. After meeting full expenses, a net surplus of Rs.3.48 lakh was carried over to the balance sheet.



RESEARCH ACTIVITIES

The need of the hour is planning for equitable development – economic, social and cultural – in such a manner that the weaker and more vulnerable sections of the population in particular, would benefit from its fruit and smoothly enter the main stream of national consciousness.

The manifold and multifaceted implications of industrialization for India seriously spell out the need for scientific social research on a fairly large scale, to provide for a systematic understanding of nature of problems, a sound diagnosis and an effective treatment plan.

Thus, the utility of social research in India heralded a new era of consciousness and development of progressive policy formulation and legislation.

The primary objectives of the Institute are to: undertake, aid, promote and co-ordinate research projects related to economic problems and their social implications; analyse and propose solutions to specific problems encountered in the process of planning and development of the country; foster the training and capacity building of research scholars in related fields; convene conferences and, disseminate the knowledge thus gained, through publications.

With this backdrop, during the year under review, the Institute took up a study on the impact of digital connectivity on rural development and its implications on socio-economic disparities in relation to differences in income, caste and gender. Yet another study, covering various districts of three different states, delved into National Level Monitoring (NLM) of rural development schemes. Other studies look into the dynamics of female labour force participation in India; development of Scheduled Tribes; impact evaluation studies of *wadi* projects under NABARD Tribal Development Fund (TDF); and, a pan-India project dealing with passenger transport scenario in metropolitan cities of India.

1 National Level Monitoring and Evaluation of Rural Development Programmes covering various districts of Madhya Pradesh and Maharashtra (Phase I & II)

Sponsor : Ministry of Rural Development, Government of India
Status : Completed
Researcher : Forum Dave

According to Mahatma Gandhi, India lives in her villages. Hence, if villages perish, so will India. With this in mind, the Ministry of Rural Development (MoRD), Govt. of India, has launched various centrally sponsored schemes aimed at overall rural development. As a part of its feedback system, the Ministry of Rural development, Government of India, entrusted the



Institute to monitor and evaluate a few of the schemes as a part of its National Level Monitoring (NLM). Such a monitoring system facilitated systematic implementation and evaluation of the schemes and highlighted the socio-economic condition of these areas. This would help policy makers in mid-course corrections from time-to-time, so that the benefits of the schemes reach rural areas and the people in the region.



With a view to understand the overall scenario of rural development in the selected regions, the study covered a broad spectrum enveloping - quantum of funds received by local institutions; their adherence to guidelines for proper utilisation of funds received from the sponsor; issues faced by Gram Panchayats in village development; level of autonomy with the local bodies with regard to development of their areas; and, specific developments, if any, undertaken in select villages.



Thus, the monitoring and evaluation study helped the state level agencies to plan and manage the rural local institutions meaningfully. They would also help the village functionaries and the villagers to understand the schemes evolved for the overall development of the region.

2 Special Monitoring of Mission Antyodaya and Gram Panchayat Development Plan Campaign: Maharashtra

Sponsor : Ministry of Rural Development, Government of India
Status : Completed
Researcher : Forum Dave

A Special Monitoring of Mission Antyodaya (MA) and Gram Panchayat Development Plan Campaign of Maharashtra was carried out. Mission Antyodaya (MA) is a convergence framework for a measurable effective outcome on parameters that transform lives and livelihoods. It connects government with Gram Panchayats by pooling resources - human and financial - thereby ensuring sustainable livelihoods. It also highlights the gap between the two, to understand and make necessary improvements in the plan.



Aimed at understanding the overall scenario of rural development, the research study focused on: convergence of various schemes at local level and their benefits; primary data collection and the gaps therein; role of various support agencies and issues identified; and, suggestions for execution of the development plans.

During the process of the study, primary data related to various households were collected and analysed to understand the overall socio-economic status of the villages. This led to scrutinising the role of support agencies, their functioning in the development process and the hurdles faced by them. These agencies were expected to monitor the data gaps on an annual basis, and rate various departments on a performance index.

3 Drivers and Obstacles of Female Labour Force Participation and Structure of Wages

Sponsor : Indian Council of Social Science Research (ICSSR)
Researchers : Smrutirekha Mohanty and Niti Mehta (co-director)
Status : Completed

Born of knowledge that the overall development of an economy is highly dependent on the simultaneous upliftment of its women force, it becomes imperative to assess their economic wellbeing. Labour market participation of women in India assumes significance in this regard. Studies on gender discrimination in the labour market clearly indicate that women workers, in general, are paid far lower wages than their male counterparts, even in well-regulated jobs. The failure of labour market has a strong bearing on the status of women. This argument forms the backdrop of this study.

The study has a 3-proged strategy, viz.:

- (i) explore possible factors that are instrumental in influencing the level and pattern of female work participation in India;
- (ii) identify the barriers that skilled female workers face in the labour market; and in doing so, contextualize the problem in urban India, and evaluate the pay structure of male and female workers having technical qualification; and,
- (iii) pinpoint barricades that unskilled female workers face in the urban labour market of India.

The study argues that decrease in farm related work due to increased mechanization is a plausible reason for the declining female work participation rather than voluntary withdrawal from the labour market, particularly in rural areas. The study uncovers the persistence of heterogeneity in the gender pay gap among the technically qualified workers in urban India and argues that women with technical degree face a sticky floor which has become even stickier between 2004-2005 and 2011-2012.

To gain better understanding of the phenomenon, a survey of the workers engaged in construction activity in the urban areas of the Ahmedabad District was carried out.

Women's subordination in the construction labour market is just a reflection of deep-rooted inferior position of women in the broader social structure, and also in the family. The construction site in our sample fares poor as far as social security of the workers is considered. Other important aspects of working conditions such as, crèche facility, first aid provisions in case of minor injury at the time of work, and availability of safety equipment for the workers, are observed to be non-existent at the sites. Mechanization of the construction sector also has a disastrous impact on women workers in terms of shrinking job opportunities. There is a bias in favour of hiring men as opposed to women. In line with the findings of previous studies, the study argues that the ghettoization of women into low-skilled and low-paid occupations stems from a skewed perspective favouring men, thereby marginalising women.

4 Digital Connectivity and Rural Development: Implications for Socio-economic Disparities

Sponsor : Indian Council of Social Science Research (ICSSR)
Status : Ongoing
Researcher : Hansa Jain

With Rural-Urban divide posing a major deterrent in achieving the overall growth of the country's economy, the Indian Government is in the process of strengthening digital infrastructure and expanding its outreach to the rural and remote areas. Considering the important role that digital connectivity has come to play in solving the constraints in rural development related to - geographical distances, low agricultural income, inadequate infrastructure, lack of proper educational and health facilities, low



market potential, financial issues and improper public utility services such as, power supply, drinking water, sanitation and communication, policy attention is now focused on providing stable and high speed network connectivity to rural areas. As the internet penetration increases, people with low education, less technological skill and from low socio-economic strata also get connected with the network. This is likely to create differences in the adoption and usage of digital technologies, which ultimately gets reflected in terms of digitally induced socio-economic differences. This study is an attempt to determine the impact of digital connectivity on rural development and its implications on socio-economic disparities in relation to differences in income, caste and gender.

The study, therefore, aims at examining the growth of digital connectivity in India; the status of information and communication technology in the villages of Gujarat and Rajasthan; existence of socio-economic disparities in relation to income, caste and gender in the selected villages; and, in the process, establishing the relationship of digital connectivity with rural development and socio-economic disparities.

With a focus on the villages that already have at least 5 years of internet connectivity, determining the impact of digital connectivity in the selected villages would help the policymakers in framing appropriate strategies for maximizing the benefits after attaining universal connectivity under Digital India mission. The study would, therefore, determine the impact on internet users belonging to different age groups, social status, education, income and occupation in the selected villages. The selection of villages from Gujarat and Rajasthan would help capture results according to the difference in levels of development in these two states. Highlighting the impact of socio-economic differences on the outcome of digital connectivity and the way it reciprocates into the society would be an important contribution in social science researches.



5 Re-visiting Passenger Transport in Metropolitan Cities of India: How Far Do People Commute?

Sponsor : Indian Council of Social Science Research (ICSSR)
Status : On-going
Researcher : Nachiket Gosavi

Lack of quality mass transport has led to mobility in economic hot spots becoming private vehicle centric. Consequently, the mode shares have veered away from the sustainable transport trajectory wherein more than 80 per cent trips ought to be using modes that have a negligible carbon footprint. A bulk of the studies that have examined urban transport in India have pigeon-holed the concept and considered metropolis as a region under the jurisdiction of municipal corporation/urban development authority. Whereas in the sense of economic geography, the influence of the metropolis far exceeds the present boundaries. It may be indicated that in future while revising the city's master plan, these adjoining areas would come under the administration of the metropolis. Further, it is observed that urban growth and likewise urban transport infrastructure development, are path dependent processes and any lack of planning would result in the proliferation of transport deficiencies. As a result, if transport infrastructure is not developed, urban expansion would become private vehicle centric. Thus, it may be interpreted that urban areas face issues in the supply of transit facilities.



Resultantly, the urban landscape would not only get congested, but also polluted. In this backdrop, the present study takes a broader picture of passenger transport in the Indian metropolis by re-visiting the problem.

Firstly, the research identifies the extent of economic shadow region and then, analyzes the mode proportions. In addition, the distance travelled for accessing jobs is also examined. Subsequently, preference ranks across different categories are examined. Based on these research findings, the study attempts to develop a comprehensive Urban Transport Policy.

6 Development of Scheduled Tribes in Gujarat: A Multi-Dimensional Analysis

Sponsor : Indian Council of Social Science Research (ICSSR)
Status : Ongoing
Researcher : Vachaspati Shukla

Gujarat has achieved many milestones on the front of social development. However, the current development debate does not solely recognize development performance based only on an aggregate achievement, but also on its inclusive features. Gauging the development performance of the most disadvantaged sub-group of any society serves as an ideal way to comment on the inclusiveness of the development. It has been observed that the Scheduled Tribe (ST) forms the most disadvantaged sub-group in the population with respect to poverty head count ratio. Analyzing the development performance of Scheduled Tribe would, therefore, be an appropriate means to understand the inclusiveness of Gujarat's development performance.



The study aims at evaluating the development of Scheduled Tribe in Gujarat in a multi-dimensional perspective. It requires information on a wide range of variables - individual and household specific. The present study explores both the NSSO and Census data with an objective to understand the socio-economic condition in Gujarat. An analysis of this kind, serves as a primer in designing a preliminary enquiry into this issue. A survey was conducted to collect primary data, from two districts of Gujarat viz., Valsad and Sabarkantha. The canvassed schedule included questions pertaining to demography, educational and health status, and asset holdings of the sample household.

The welfare of the ST household has been analyzed in an inter-state perspective by looking at the progress made with regard to attaining basic amenities. Eleven (11) states with a sizable share of ST population were considered for the purpose of this analysis. It has been observed that the ST population in Gujarat is more disadvantaged than Andhra Pradesh, Karnataka and Assam. District level analysis reveals that districts with more than 20 per cent ST population have a larger disparity between the ST and non-ST population. Group disparity between the ST population and 'others' is higher in the districts with high ST population. Primary survey reveals that disparity between the ST and Non-ST population is higher in Valsad than in Sabarkantha. In summary, it appears that the relative welfare of the ST population is related to its share in the overall population in a given district.

7 Impact Evaluation Study of TDF Wadi Project: Kaprada – I

Sponsor : NABARD
Status : Ongoing
Researcher : Vachaspati Shukla

With the realization that the Scheduled Tribes (ST) in the remote areas of the country are still deprived of basic human amenities i.e., education, health, safe drinking water, sanitation facilities, road and transport, NABARD has created a special fund to assist Tribal Development, known as Tribal Development Fund (TDF). BAIF-Dhruva submitted a proposal to NABARD under TDF, seeking funding support to develop a 'wadi' project for 1000 families in 15 villages of Kaprada Block of Valsad District of Gujarat, the major produce under the project was mango, cashew and guava. The project sanctioned in the year 2011 was completed during the year 2017-2018.

Subsequently, with a view to assess the overall success of the scheme and its impact on the living standards of the beneficiary households, NABARD sponsored an Impact Evaluation Study to NABARD Consultancy Services (NABCONS) to examine the project implementation and management process, coordination

among the community members, active participation of villagers and direct beneficiaries, and direct/indirect impact of the welfare scheme. For this purpose, the survey followed a stratified random sampling method selecting 252 beneficiary households from 6 villages.

In the process of the study, it was observed that the 'wadi' did not benefit all the beneficiaries uniformly. Nearly 47 per cent of the beneficiaries either did not receive any income from 'wadi' or received too little. The study suggested on the need to have a detailed discussion with the beneficiaries with regard to the scheme included in the 'wadi development' such as type of fruit tree to be planted and horticultural plants that are not suitable for soil and environment to be avoided. The beneficiaries informed the research team of the Institute that the climate and soil are not fit for guava cultivation. It was, therefore, suggested that guava plantation need not be promoted in this region.



8 Impact Evaluation

Study of TDF Wadi Project: Naswadi – I

Sponsor : NABARD
Status : Ongoing
Researcher : Vachaspati Shukla

The Samarpan Rural Development Foundation (SRDF) submitted a proposal to NABARD under its special fund to assist Tribal Development viz., Tribal Development Fund (TDF). The project aimed at developing 'wadi' for 1000 families in 16 villages of Naswadi Block, Chhota Udepur District of Gujarat. The major produce under the project being mango, guava and lemon. The project sanctioned in the year 2010 came to completion during the year 2017-2018.

Thereafter, in order to measure the success of the scheme and its impact on the living standards of the beneficiary households, NABARD sponsored an Impact Evaluation Study to NABARD Consultancy Services (NABCONS). For this purpose, the survey adopted a stratified random sampling method selecting a total of 325 beneficiary households from 5 villages of the region.



It is encouraging to note that the beneficiary households have made a significant progress in terms of attaining basic amenities such as, access to toilet facilities, banking services, electricity, LPG connection and mobile phone while comparing the pre-scheme scenario with that of the post-scheme. However, several beneficiaries have suggested that they may not cultivate lemon and guava in this region, considering the unsuitable soil and climatic conditions. The study suggested to have a detailed discussion with the beneficiary households included in the 'wadi' development scheme about the types of fruits and horticultural plants that need to be avoided in the region.

9 Effectiveness of Self Help Groups on Rural Empowerment: The Case Study of Gujarat and Madhya Pradesh

Sponsor : Indian Council of Social Science Research (ICSSR)
Status : Ongoing
Researcher : Forum Dave

According to 2011 national census, 68.84 per cent of the country's total population still lives in rural India. It may be reckoned that in rural areas, farmers, agricultural labourers, underprivileged classes and women are not in a position to access credit easily and at a reasonable interest rate. Since timely access to financial services supports the rural economy to a greater extent, strengthening financial

linkages in the form of micro finances and Self-Help Groups (SHGs) may be one of the ways to tackle major economic issues in rural areas. Micro-finance is defined as the need of both urban and rural regions; however, it is more relevant in the rural context.

SHGs are informal groups of people coming from a similar socio-economic background, involved in undertaking small savings among themselves to provide loan to its members.

SHGs are hailed for the following reasons:

1. They help borrowers overcome the problem of lack of collateral;
2. Members can get timely loans for a variety of purposes and at a reasonable interest rate;
3. They help women to become self-reliant; and,
4. The regular meetings of the group provide a platform to discuss and act on various social issues such as health, nutrition, etc.

Besides providing credit to its members, SHGs instill in them financial management skills. They also support employment generation in non-farm activities.

With a view to understand the overall scenario of micro credit system and the role of SHGs prevalent especially in rural India, the study focuses on: (i) the role SHGs play as a non-banking financial institution, and (ii) their impact on income and employment patterns of the households. It will include Gujarat and Madhya Pradesh as a case study to understand the grassroots level scenario.

This study would help policy makers in shaping the rural areas precisely, as SHGs not only generate employment avenues but also support the households in eradicating poverty and improving their living standards.





RESEARCH OUTPUT

Dissemination of research output through publications is an authentic way for a resource organization to gain recognition and acknowledgement at national and international levels.

This together with articles in scholarly journals and research papers / working papers / monographs, contribute towards creating potential opportunities for collaboration and they are valuable for intellectual development and capacity building especially for young scholars.

These are indispensable tools in student training, for they constitute an opportunity to come into contact with the general methods of analysis and synthesis as applied to a subject of interest to the researchers.

JOURNALS/BOOKS/ARTICLES/CHAPTERS/ CONFERENCE PAPERS

Dissemination of the research output through publications has been the key focus area of SPIESR, since its inception. The Institute's publications consist of journals, books, monographs and booklets in English and Gujarati. It has also brought out 47 individual books; 25 working papers and 42 reprint series so far. In 2010, the Institute initiated its Working Paper Series that publishes and disseminates on-going research work carried out by its faculty. Empirical research of the faculty, including project related work, is published in the form of the SPIESR monograph series. The Institute's faculty is also involved in reviewing articles of peer-reviewed journals at national and international levels. Some of the faculty members are also in the editorial board of journals of national and international repute.

IN-HOUSE JOURNALS

'Anvesak' is a refereed bi-annual journal of the Institute being published since 1971. It gave priority to publication of research completed in the Institute: but also welcomes contribution from outside. It publishes research work on theoretical and applied economics and other social sciences. The journal also has a book review section. 'Anvesak' is being circulated among 200 institutions in India and abroad. It gives priority to regional issues.

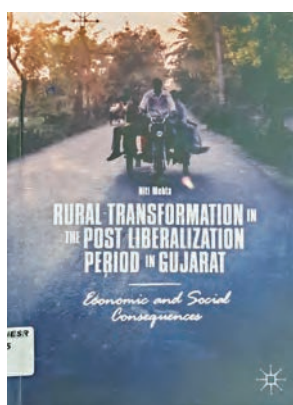
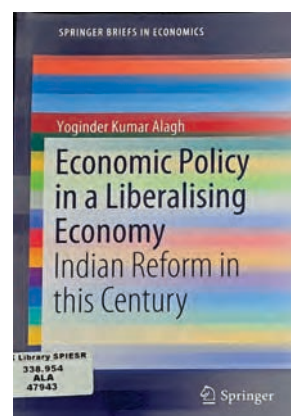


'Madhukari', launched in the year 1975, is a bi-annual journal in Gujarati language which brings out translation of selected papers from national and international journals, on diverse themes in economics and sociology. From 2015, the journal has been revived with a new look.

BOOKS

Alagh, Y.K. (2018), *Economic Policy in a Liberalizing Economy, Indian Reform in this Century*. Singapore: Springer Briefs in Economics.

The book sets the stage for the need of the Planning Commission as a strategic policy-making body. The author critically evaluates policies in sectors like, population, demographics, poverty, agriculture and water, industry and infrastructure, following up with a concluding chapter on appropriate future policies.



Mehta, Niti (2018), *Rural Transformation in the Post Liberalisation Period in Gujarat: Economic and Social Consequences*. Singapore: Springer-Nature (Palgrave-Macmillan), ISBN 9789811089619.

The book examines the pattern of non-farm development at the national level and identifies the correlates and determinants of occupational diversification for the major states. It unravels the dynamic processes associated with growth and development at the sub-national level and elucidates changes in rural employment pattern and its implications for urban growth.

Mehta, Niti and Anita Arya (Ed.) 2018. *Role of Public Policy in Development Process: Emerging Socioeconomic Scenario in the Indian Economy*. New Delhi: Academic Foundation, ISBN 9789332704213.

The collection of papers makes an attempt to develop an analytical framework for formulation of development policy that has bearing on the economy and society, enveloping agriculture, industrial development, employment and entrepreneurship, urbanization, weaker sections, and governance.



RESEARCH PAPERS AND JOURNAL ARTICLES

Alagh, Y.K.(2019), "The Changing Rural Landscape – Pathway Ahead", Valedictory Address at SPIESR Seminar, *Anvesak*, 49(1-2):303-305.

Alagh, Y.K. (2018), "Globalization and the Indian Farmer", *Anvesak*, 48(1): 1-13.

Alagh, Y.K. (2018), "The Next Stage of Planning in India", *Economic & Political Weekly*, LIII(26&27):24-27.

Jain, Hansa (2019), "Wage-Productivity Relationship in Indian Manufacturing Industries: Evidences from State Level Panel Data", *Margin -The Journal of Applied Economic Research*, 13(3): 277-305. ISSN: 0973-8010.

Jain,Hansa (2018), "Technological Change, Skill Supply and Wage Distribution: Comparison of High Technology and Low Technology Industries in India", *The Indian Journal of Labour Economics*, 61(2): 299-320. ISSN: 0971-7927.

Dutta, Subrata (2019), "Rural Unemployment in Gujarat and West Bengal", *South Asia Research*, 39(1): 1-22 (SAGE).

Alagh, Munish (2018), "Extending the Planning Perspective underlining Y.K Alagh's Work to the Modern Era of Institutions and Feedback Mechanisms", *Madhukari*, 3(2): 52-55.

Alagh, Munish (2019), "Risk and Contract Farming", *Dimensions - Paper of ICFAI Mumbai Journal*.

Mohanty, Smrutirekha and Chandan Kumar Mohanty (2019), "Public-Private Wage Gap in Indian Mining and Quarrying industry", *Margin - Journal of Applied Economic Research*. <https://doi.org/10.1177%2F0973801018812526>.

Shukla, Vachaspati and Udaya S. Mishra (2018), "Educational Expansion and Schooling Inequality: Testing Educational Kuznets Curve for India", *Social Indicators Research*, 141(3): 1265-1283.

Gosavi, N.S. and Barbhaiya, M. (2018), "Re-visiting Passenger Transport in Mega Cities of India: How Far Do People Commute?", *World Transport Policy and Practice*, 24(4): 26-40.

Gosavi, N.S., Hari, L. and Hegde, D.S. (2018), "Factors Influencing Use of a Non-motorized, Non-personalized Mode of Transport in a mid-sized Indian city", *World Transport Policy and Practice*, 24(2): 30-46.

ARTICLES/CHAPTERS IN PUBLISHED BOOKS

Mehta, Niti (2018), "Technology Adoption and Its Impact on Labour Use: The Case for Herbicide Tolerant Technologies", in N. Chandrasekhara Rao, Carl E. Pray and Ronald J. Herring (Ed.). *Biotechnology for a Second Green Revolution in India: Socioeconomic, Political, and Public Policy Issues*, New Delhi: Academic Foundation.

Mehta, Niti (2018), "Introduction and Overview" in Niti Mehta and Anita Arya (Ed.). *The Role of Public Policy in Development Process: Emerging Economic/Social Scenario in the Indian Economy*, New Delhi: Academic Foundation.

Mehta, Niti (2018), "Urbanization Challenges in Gujarat: Implications for Policy and Development" in Niti Mehta and Anita Arya (Ed.). *The Role of Public Policy in Development Process: Emerging Economic/Social Scenario in the Indian Economy*, New Delhi: Academic Foundation.

BOOK REVIEWS

Alagh, Y.K. (2018), "Counting the Poor in India: Where Do We Stand", *Indian Journal of Agricultural Economics*, 73(2): 231-235.

RESEARCH REPORTS/MONOGRAPHS/WORKING PAPERS

Awasthi, Dinesh and Shah Amita (2018), "Dynamics of an Industrial Cluster: A Study of Rajkot Engineering Industry with special reference to Employment, Efficiency and Competitiveness" (Unpublished Research Report), Mumbai: Indira Gandhi Institute of Development Research.

Mohanty, Smrutirekha (2019), "Public-Private Wage Gap in the Indian Mining and Quarrying Industry", Working Paper.

ARTICLES PUBLISHED IN THE PRINT MEDIA

Yoginder K. Alagh

“As You Like It – Is Statistical and Meteorological Data Pandering to The Establishment?”, *The Indian Express*, April 25, 2018.

“When Civilization Disagree - Government Must be Circumspect about Cauvery Dispute Resolution Mechanism”, *The Indian Express*, May 16, 2018.

“Marx and Us – He Taught Us to Look at Not What the Facts Say, but What They Do”, *The Indian Express*, May 21, 2018.

“Mending the Frame- It is Time the Pattern of Training System of Evaluation of Civil Servants is Debated”, *The Indian Express*, June 05, 2018.

“When Numbers Lie – Some Institutions Need to be Kept above the Realm of Politics”, *The Indian Express*, June 29, 2018.

“The More Things Change - Economic Priorities Set in Planning Commission in 1970s-80s Continue”, *The Indian Express*, June 29, 2018.

“Sowing Slogans - MSP is Important, but Real Issues are Markets, First-stage Processing and Supply Chains”, *The Indian Express*, July 11, 2018.

“Opinion - Poverty, Then and Now”, *The Hindu Business Line*, July 29, 2018.

“The Upward Push – Increase in Infrastructure Spending will Place the Economy on Road to Higher Growth”, *The Indian Express*, August 2, 2018.

“Fact Fighting – Statistical Estimates on the Economy are Sacred and Need to be Treated as such”, *The Indian Express*, August 28, 2018.

“A Blueprint by Bureaucrats – Recent Measures to Defend Currency are Insufficient, Poorly Thought”, *The Indian Express*, September 26, 2018.

“The Uncovered Last Mile - Policymakers Need to Ask Why Programmes for Farmers do not Reach Them”, *The Indian Express*, October 04, 2018.

“Policy Paralysis – Government Seems Blind to the Crisis in Agriculture, Slowdown in Industry”, *The Indian Express*, October 24, 2018.



“The Enduring Economist – TN Srinivasan's Work will Continue to Enrich the Discipline of Economics”, *The Indian Express*, November 13, 2018.

“Take a Stand - India Seems to be Shifting its Position at WTO, Aligning with Multinationals”, *The Indian Express*, December 07, 2018.

“Trust in Generation Next – New Year Could See Revival of More Pluralistic Institutions”, *The Indian Express*, December 25, 2018.

“Struggling to be Rich – In spite of My Adequate Pension, I am Poor According to Government's New Criteria”, *The Indian Express*, January 21, 2019.

“Interim Satisfaction – The New Government may not back the Allocations in the Budget”, *The Indian Express*, February 11, 2019.

“Opinion - Cauvery and Mekong”, *The Hindu Business Line*, February 27, 2018.

“It's The Economy, Stupid – Low Growth may have a Bearing on Poll Outcomes”, *The Indian Express*, March 21, 2019.





PARTICIPATION IN SEMINARS / CONFERENCES / LECTURES/ WORKSHOPS AND TEACHING

Seminars and conferences offer a platform to academicians and practitioners to trade ideas, thoughts, and views related to a specific theme, to extend the boundaries of knowledge and policy formulation. These platforms also enable free flow of knowledge, and hone the skills and expertise of the practitioners, on new age technologies that have the potential to spearheading innovative solutions to various socio-economic problems.

SEMINARS/CONFERENCES / LECTURES



The Institute's faculty members regularly participated in national and regional level seminars and symposia during the year. A brief account of the activities is given in what follows.

I. National

Niti Mehta

Organised a lecture on "Regional Integration and Global Supply Chain" delivered by Prof. Iwan J Azis, Cornell University, at SPIESR, June 4, 2018.

Acted as a Panelist for the discussion on "Domestic Workers in the Informal Work-space: Wages and Working Conditions" to disseminate a research study entitled 'The Complexity in the Determination of Minimum Wages for Domestic Workers in India' at a seminar organized by and held at GIDR, Ahmedabad, February 22, 2019.



Delivered a lecture on “Rural Transformation”, at the ‘Capacity Building Programme for Social Science Faculty’, held at SPIESR, February 26, 2019.

Participated and Co-hosted the Workshop on ‘Increasing Farmers’ Income: The Way Forward – Mid-term Review’ with the National Council for Climate Change, Sustainable Development and Public Leadership, Ahmedabad, at SPIESR, March 29, 2019.



Hansa Jain

Invited to Co-chair a technical session on “Environmental Changes and Economic Development” at the National Seminar on ‘Transformation of India: Opportunities and Challenges’ organized by and held at S.S. Jain Subodh PG (Autonomous) College, Jaipur, September 17-18, 2018.

Invited to Co-chair a technical session on “Use of Digital Technology in Service Sector: Beyond Metro” at the conference organized by and held at Maniben Nanavati Women’s College and Indian Economic Association, Mumbai, in collaboration with Indian Economic Association, September 28-29, 2018.

Invited as a Resource Person for the session on “Basic Statistics and Use of SPSS” organized by and held at the School of Library and Information Science, Central University of Gujarat, Gandhinagar, October 22-23, 2018.

Invited as a Resource Person to address on “Digitalization and Employment Challenges” at the ‘State Level Students Research Workshop’ organized by and held at GLS University, Ahmedabad, in collaboration with the Indian Social Science Academy (ISSA), Allahabad, December 7, 2018.

Invited as a Resource Person to present a keynote address for the technical session on “Technological Change and Employment Challenges in India” at the National Seminar on ‘Wages, Employment and Social Security in India’, sponsored by ICSSR/WRC-Mumbai, and organized by and held at the Department of Economics, Vivekanand College, Kolhapur, December 14-15, 2018.

Invited as a Discussant for the technical session on “Employment in India” at the National Seminar on ‘Wages, Employment and Social Security in India’, sponsored by ICSSR/WRC-Mumbai, and organized by and held at the Department of Economics, Vivekanand College, Kolhapur, December 14-15, 2018.

Presented a paper on “Digital Connectivity, Employment and Wage Differences: Evidences from Indian Manufacturing Industries” at the 60th Labour Economics Conference of the Indian Society of Labour Economics, organized by and held at Indira Gandhi Institute of Development Research, Mumbai, December 19-21, 2018.

Invited as a Discussant for the technical session on “World of Work and Women” at the 60th Labour Economics Conference of the Indian Society of Labour Economics, organized by and held at Indira Gandhi Institute of Development Research, Mumbai, December 19-21, 2018.

Invited as a Resource Person for the session on “Technology and Employment Challenges in India”, at the Training Programme on ‘Labour Issues and Policies in India’, organized by and held at Mahatma Gandhi Labour Institute, Ahmedabad, December 31, 2018 – January 4, 2019.

Invited as a Resource Person for the session on "Secondary Sources of Labour Research: Merits and Demerits of Secondary Data, Sources and Authenticity", at the Training Programme on ‘Labour Issues and Policies in India’ organized by and held at Mahatma Gandhi Labour Institute, Ahmedabad, December 31, 2018 – January 4, 2019.



Organized an ICSSR-sponsored ‘Capacity Building Programme for Social Science Faculty Members’ at SPIESR, Ahmedabad, February 18-27, 2019.

Participated as a Resource Person for the session on “Co-relation and Regression Analysis” in the ICSSR-sponsored ‘Capacity Building Programme for Social Science Faculty Members’ at SPIESR, Ahmedabad, February 22, 2019.

Participated as a Resource Person for the session on “How to Write a Research Paper” in the ICSSR-sponsored ‘Capacity Building Programme for Social Science Faculty Members’, at SPIESR, Ahmedabad, February 27, 2019.

Munish Alagh

Paper presented on “Contract Farming in Gujarat” in the Annual Conference of 'Indian Society of Agricultural Economics' held at Institute of Economic Growth, New Delhi, November 1-3, 2018.

Presented a paper on “Contract Farming in Gujarat” in the Annual Conference of AERA on 'Agriculture and Sustainable Development' held at National Dairy Research Institute, Karnal, November 15-17, 2018.

Presented a paper on “Institutions in Gujarat Agriculture” at the Annual Conference of the Indian Association of Agricultural Marketing held at ISEC, Bangaluru, December 22-24, 2018.

Presented a paper on “Gujarat Agriculture and Institutions” in the seminar on 'Development and Change' organized by the Indian Association of Social Science Institute and held at NIRD, Hyderabad, January 11-13, 2019.

Made a Poster presentation on “Gujarat Farmers Participation” in the seminar on 'Human Development' organized by Centre of Advanced Studies, Human Development Department and held at MS University, Vadodara, February 2, 2019.



Forum Dave

Chaired the session on “The Scenario of Rural Infrastructure Development and Status of Quality of Life: Achievement, Challenges and Possibilities”, at the National Seminar organised by and held at M. P. Institute of Social Science Research, Ujjain, February 19-20, 2019.

Presented a paper on “E-Panchayat : The Case Study of Selected Districts of Madhya Pradesh” (2019), at the

National Seminar on “The Scenario of Rural Infrastructure Development and Status of Quality of Life: Achievement, Challenges and Possibilities”, organised by and held at M. P. Institute of Social Science Research, Ujjain, February 19-20, 2019.

Vachaspati Shukla

Delivered a lecture on “Population and Poverty” as part of ‘Population Week Celebration’ held at Gujarat Vidyapith, Randeja, July 12, 2018.

Delivered a lecture on “Measurement of Poverty and Inequality” in the ‘Capacity Building Programme for Social Science Faculty Members’ sponsored by Indian Council of Social Science Research, New Delhi and organized by and held at SPIESR, Ahmedabad, February 18-27, 2019.

II. International

Hansa Jain

Presented a paper on “Technology, Employment and Skill Gap: Challenges for Indian Economy” at an International Seminar on ‘Employment and Employability of Higher Education Graduates’ organized by and held at the Centre for Policy Research in Higher Education, National Institute of Education Planning and Administration, New Delhi, in collaboration with the British Council, February 19-20, 2019.



Subrata Dutta

Conducted four special sessions on the theme “Rural Transformation” at the 12th World Congress, sponsored and organised by the Regional Science Association International (RSAI), and held at BITS-Pilani, KK Campus, Goa, May 29 – June 1, 2018.

Forum Dave

Presented a paper on “Impact of Water-Shed Management Approach on Climate Change: A Case Study of Rajasthan”, at the International Conference on ‘Climate Change and Disaster Reduction’, sponsored by ICSSR/NABARD/Kenyan Economic Association/Indian Council of Social Science Research/Science & Technology Council of Uttarakhand/ICAR/Gadhwali University and held at HNB Gadhwali University, Uttarakhand, October 12-13, 2018.

Gosavi, N.S and Bhawsar, P.

Presented a paper on “Combining to Combat: The Case of Vodafone Idea Merger” at the 4th Flame International Conference on ‘Research and Teaching Cases’, and organised by and held at Flame University, Pune, June 21-22, 2018.

WORKSHOPS/TRAINING PROGRAMMES

The Institute is also a Centre for training young researchers. It regularly conducts training programmes on different themes sponsored by the ICSSR. Following are the details of programmes that it had organized during 2018-2019:

The Institute conducted a 10-day 'Capacity Building Programme for Social Science Faculty Members' sponsored by ICSSR, New Delhi, on its campus during February 18-27, 2019. Dr. Hansa Jain was the Programme Director and Dr. Vachaspati Shukla was its Co-Director.



SARDAR PATEL INSTITUTE OF ECONOMIC AND SOCIAL RESEARCH
AHMEDABAD - 380054

CAPACITY BUILDING PROGRAMME FOR SOCIAL SCIENCE FACULTY MEMBERS FEBRUARY 18-27, 2019





RESEARCH AFFILIATION & Ph.D. PROGRAMME

The Doctoral Programme is expected to lead to an original and independent contribution to knowledge in a chosen field of study. It is also considered to be of lasting value that would merit publication. It should demonstrate an ability to select an important problem and deal with it completely including an ability to effectively communicate what has been achieved through the research activity.

A guide plays a pivotal facilitative role from finalization of the research topic to conducting systematic research; and, finally helping student submitting a quality thesis, and getting it examined. Thus, it is a rigorous process resulting in a high quality research output that makes valuable contribution to the knowledge in the chosen field.

The Institute is recognised by Gujarat University for offering guidance to Doctoral Students in Economics. Besides, SPIESR faculty members are recognized Ph.D. Guides in the Department of Economics-Gujarat University, Gujarat Technological University-Chandkheda and Kadi University-Gandhinagar.

Since inception, more than 68 scholars have been awarded Ph.D. Degree under the able guidance of the Institute's faculty.

The details of the activity for the year 2018-2019 are presented below:

<i>Sr.No. Ph.D. Candidate</i>	<i>Ph.D. Topic</i>	<i>Affiliation</i>	<i>Remarks</i>
Guide: Hansa Jain			
1. Ms. Beena Patel	Demographic Change & Economic Change in India: Challenges and Opportunities Year of Registration:2014	Gujarat University Ahmedabad	Ongoing
2. Ms. Pooja Patel	Role of Information Technology Development with special reference to Gujarat Year of Registration:2014	Gujarat University Ahmedabad	Ongoing
3. Ms. Sonu Maitra	Socio-economic Status of Street Children in Surat District, Gujarat Year of Registration:2013	Kadi University Gandhinagar	Ongoing

With its peaceful environment, knowledgeable professors and rich library resources, SPIESR is a place of true research. Besides, participation in intellectual seminars developed my research ability to a greater extent. A BIG THANKS to SPIESR for having provided me with ICSSR Institutional Doctoral Fellowship.

- Pooja Patel

At SPIESR, apart from working on my Ph.D. Thesis, I have learnt a lot through participation in seminars/workshops and academic discussions. I am grateful to the Institute for providing me the space to conduct my research study and also financial support through ICSSR Institutional Doctoral Fellowship. It is a great learning experience at SPIESR.

- Beena Patel



I had been awarded Ph.D. degree under the guidance of Dr. Subrata Dutta of SPIESR. The stimulating interactions with the faculty members from diverse backgrounds in tandem with its genial support system, resource rich library and serene campus ambience, made it easier for me to successfully complete the journey of my Ph.D. thesis writing at SPIESR.

- Richa Matta

I highly appreciate the research environment at SPIESR where the energizing discussion with the scholastic faculties and the resource at the Library create the right type of atmosphere for academic thinking.

- Sonu Maitra

Sr.No. Ph.D. Candidate	Ph.D. Topic	Affiliation	Remarks
Guide: Subrata Dutta			
1. Ms. Richa Matta	Problems & Prospects of Food Processing Industry in Gujarat Year of Registration:2012	Gujarat University Ahmedabad	Viva held in October 2018. Degree Awarded in January 2019.
2.Ms. Bincy Bose	Micro-finance & Rural Agro-based Economy: Emerging Lessons from Narmada District, Gujarat Year of Registration:2012	Gujarat University Ahmedabad	Viva held in October 2018. Degree Awarded in January 2019.

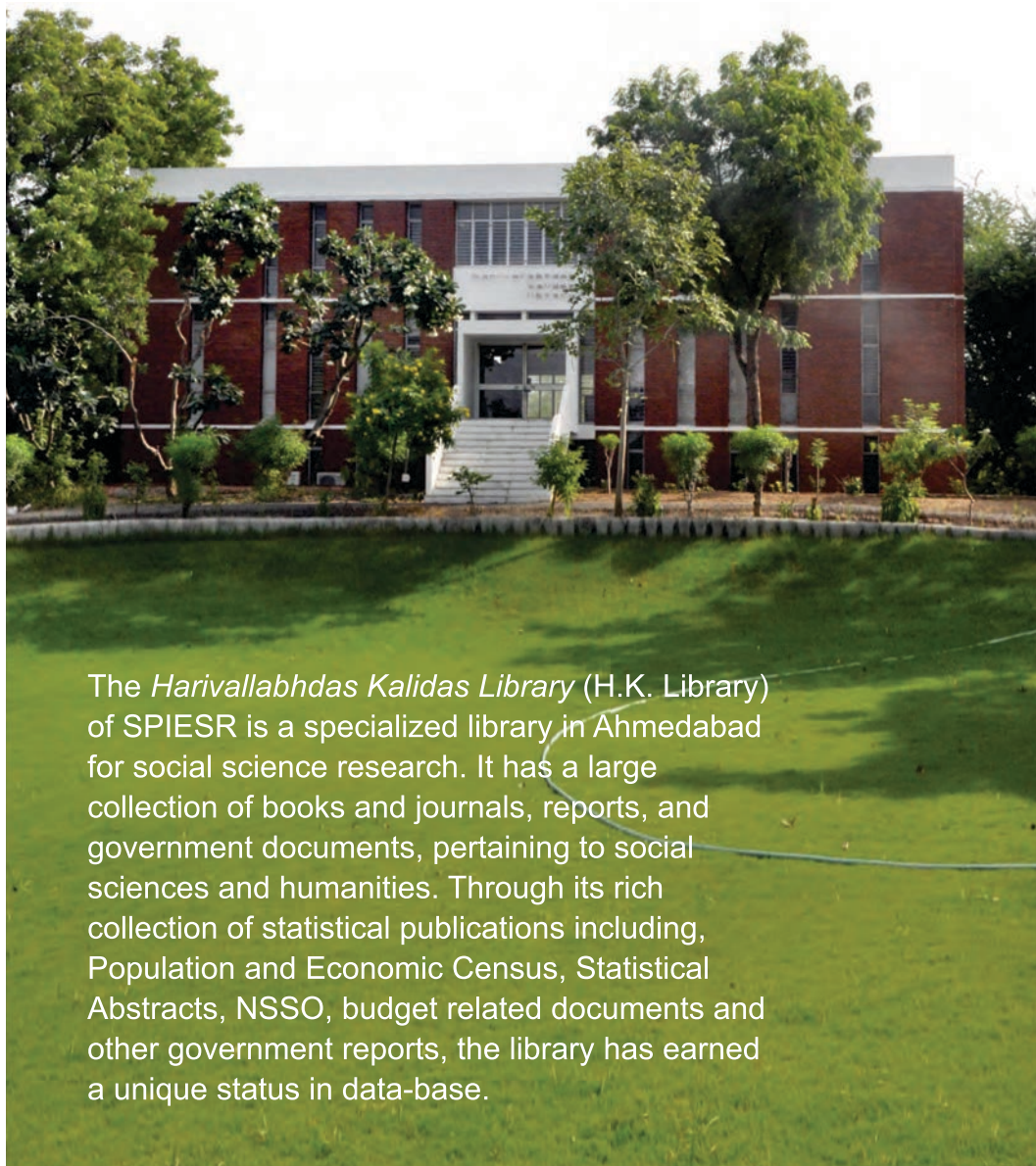


RESEARCH SUPPORT SERVICES

Successful completion of any research project requires reference to a large quantity of recorded knowledge. Thus, the union of research and a resource rich service library is a natural mix. They play an integral part in the diffusion and conversion of knowledge and turning the results of knowledge into realistic productive entities. So also, the rapid expansion of technology is being used to swiftly transfer published information enabling researchers/practitioners/policy makers to access, search, and share it with increased ease and speed. It has also helped in reducing the time taken for publishing scientific papers. SPIESR is adequately equipped with a rich library, a state-of-the-art computer centre, and a well-kept conference hall.



LIBRARY



The *Harivallabhdas Kalidas Library* (H.K. Library) of SPIESR is a specialized library in Ahmedabad for social science research. It has a large collection of books and journals, reports, and government documents, pertaining to social sciences and humanities. Through its rich collection of statistical publications including, Population and Economic Census, Statistical Abstracts, NSSO, budget related documents and other government reports, the library has earned a unique status in data-base.

The library collection has grown to 46,812 books during the financial year under review, adding 105 books, reports and other documents to its collection selectively chosen for reading and reference. It has a good collection of working papers, strategy papers, memorial lectures and various research reports from national/international organisations of repute. It receives more than 100 national and international journals, magazines, newsletters etc., through subscription and on exchange and complimentary basis. It also subscribes 6 daily newspapers.



The library functions are fully automated through user-friendly Library Management Software SOUL 2.0 version. The bibliographic details of the library holdings are accessible through Online Public Access Catalogue (OPAC). The online library catalogue can easily be accessible through <http://192.168.1.230/opac/> and “IndCat” at anytime from anywhere.

Library Services: The library extends a wide range of information services to its potential users like, Ph.D. research scholars, post-doctoral fellows, senior research fellows and faculty/staff members of the Institute. Besides, it renders lending facilities, Current Awareness Services, resource sharing and Inter-Library Loan (ILL) service, document delivery (online resources) service, document scan service and reprographic services.

The library has developed an Institutional Repository (IR) for its in-house journal *ANVESAK* which includes papers/articles published in it. It has covered the journal issues since its inception. The repository has 566 full-text articles. Further, it has included working papers and conference proceedings in it.

The library subscribes to various electronic resources through ICSSR consortium to facilitate efficient, convenient and extensive library services to its users. It has subscribed and have access to several key online resources such as, Databases, E-journals, E-books, etc. It is accessible through intranet. The databases subscribed by the library are:

- **EconLit:** This is an economic academic literature abstracting service published by American Economic Association. It has covered articles and other documents way back from 1969.
- **JSTOR** provides online full text access to scholarly journals in the area of arts, business, economics and science. The database has an entire run of these journals from the very first issue to a 'moving wall' of 2-5 years from present.
- **IndiaStat:** This provides Indian statistics collected from various government sources pertaining to socio-economic statistical data and useful information on India.



COMPUTER CENTRE

The Computer Centre of SPIESR is well equipped with latest operating systems, which is connected through a Local Area Network (LAN). It has acquired a large collection of software such as, SPSS 25.0 Academic Perpetual License for research and statistical data analysis specially for the faculty members. It has Centralised Data Server loaded with Microsoft Office 2016 edition for managing the entire data storage of the Institute. Besides, it owns Tally, ERP-9 for maintaining accounts data; Quick Heal Security for protection of virus and SOUL 2.0 for library automation.



The Computer Centre is fully provided with Cyberoam Firewall for internet bandwidth and policy management for internet security; network protocols through Cyberoam including TCP/IP and DHCP; Uninterrupted Power Supply (UPS) to protect/manage data server and CCTV Surveillance System for overall monitoring of the Institute.



Faculty has been provided with laptops, along with hi-speed Internet Broadband and 4G Hotspot Pocket Routers, enabling research work. A total of 42 gadgets – Laptops, Tablets and Desktop Systems and 29 printers are available for the smooth functioning of the Institute's overall activities. The faculty and support staff members have their separate webmail / outlook accounts.

The Institute has successfully uploaded All India Survey on Higher Education (AISHE) related data/information for the year 2018-19 collecting data on several parameters such as teachers, student enrolment, programmes, examination results, education, finance, and infrastructure which are useful in making informed policy decisions related to research for the overall development of the education sector.

The Institute's dynamic website (<http://spiesr.ac.in>) comprehensively cover details of its entire range of activities. The website is well maintained with periodic updates.



CONFERENCE HALL



As a national resource institution in the field of social science, SPIESR is committed to education, teaching and training. To this extent, the Institute strives to provide innovative techniques and competent faculty support in this domain, by way of regularly organizing training programmes on 'Research Methodology', 'Quantitative Tools and Economic Analysis' and 'Capacity Building Programmes' for Social Science Faculty Members at the request of Government and other agencies.

Such training programmes / seminars are conducted at the Institute's spacious *Amritlal Hargovandas Conference Hall*. This fully air-conditioned robust in-house facility is well-appointed with a seating arrangement to comfortably accommodate about 60 persons. Besides, it is facilitated with internet connection together with WiFi, ceil mount projector along with projector screen, sound acoustic system, recording device and latest generation podium.





OUTREACH PROGRAMMES

The complexity of the economic scenario calls for some kind of an inter-disciplinary collaboration among researchers from different disciplines to investigate social issues and for devising long-term social policies of real consequence.

Changes and transformation are critical to the evolution of teaching and promotion of knowledge. Dissemination of academic knowledge is of utmost significance to achieve this goal. Such Outreach Programmes basically aim at extending an institution's experience and training facilities to the service of those outside its regular education and client service activities.

PARTICIPATION IN PROFESSIONAL BODIES

Yoginder K. Alagh

Chairman, I H D Trust.

Independent Director, Shree Cements, since 2004.

Consultant, Indian Express, since 2006.

Member, Governing Board, CESS, Hyderabad, since 2006.

Fellow elected 1992, National Academy of Agricultural Sciences.

Trustee, Tata Chemicals Society for Rural Development

Founder Trustee, Institute of Development Studies, Visakhapatnam

Hansa Jain

Executive Member, The Indian Society of Labour Economics

Executive Member, The Indian Econometric Society

Executive Member, Gujarat Economic Association

SUPPORT TO ACADEMIC BODIES

Niti Mehta

Attended the 4th Meeting of Centre Board of Studies in Economics & Planning, Central University of Gujarat, Gandhinagar, held on August 13, 2018.

Participated in the Research Advisory Committee Meeting of Ms. Archana Gaikwad at Nirma University, Ahmedabad, on August 24, 2018.

Took part in the meetings of the Ad-hoc Joint Board of Studies in Planning held at Nirma University, Ahmedabad, scheduled on August 20, 2018 and February 5, 2019.

Attended the meeting of the Board of Studies, Department of Economics, at Maharaja Sayajirao University, Vadodara, on September 12, 2018.

Participated as a Selection Committee Member for selecting candidates for the post of Assistant Professor in Finance & Economics in the Institute of Management, Nirma University, on February 13, 2019.

Participated as a Member of a Selection Committee for the post of Assistant Professor in Economics in the Institute of Commerce, Nirma University, on February 5, 2019.

ACADEMIC EXTENSION

Niti Mehta

Taught the Elective Course on 'Economics of Environment' at the Post Graduate Programme on Landscape Architecture, CEPT University, Ahmedabad.

Taught the Elective Course on 'Green Infrastructure' at the Post Graduate Programme on Landscape Architecture, CEPT University, Ahmedabad.

Hansa Jain

Taught two papers viz. 'Economics for Managers' and 'Environment for Business' as a Visiting faculty at BK School of Business Management, Gujarat University, Ahmedabad.

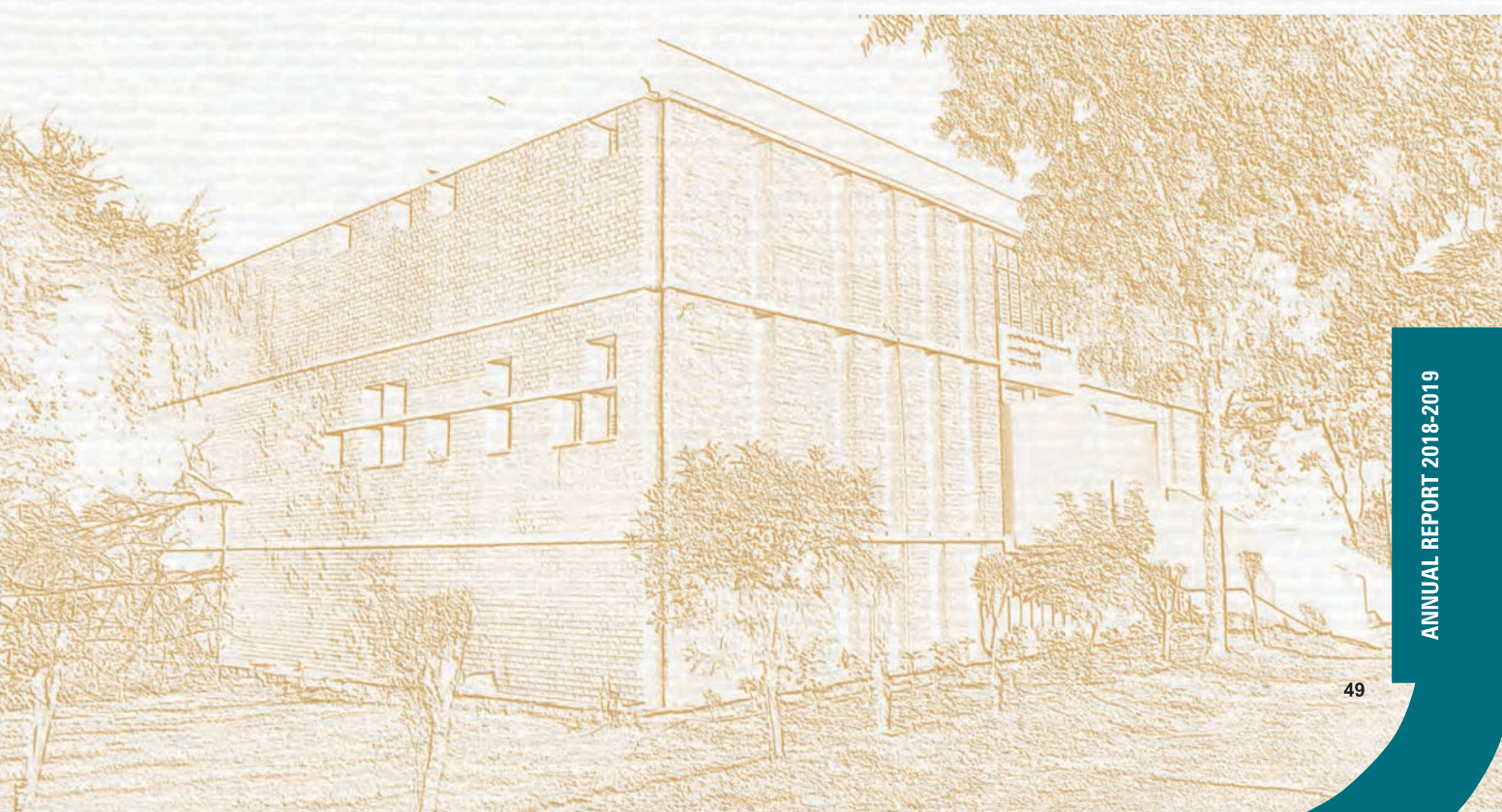
Evaluated two Ph.D. theses.

Forum Dave

Invited by Kutch University, Bhuj, for a special lecture on 'Indian Transformation through Rural Development', for Ph.D. students (2019).

Vachaspati Shukla

Delivered a lecture on 'Population and Poverty' at Gujarat Vidyapith, Randeja, as part of Population Week Celebration held on July 12, 2018.



KNOWLEDGE CENTRE: FACULTY PROFILE

(as on 31-03-2019)

Name	Designation & Email id	Educational Qualification	Specialization Area/ Area/s of Research Interest
 Prof. Yoginder K. Alagh	Emeritus Professor & Vice-President Former Union Minister, Former Chairman IRMA and Former Chancellor & Vice Chancellor of different universities alagh@spiesr.ac.in, yalagh@gmail.com	Ph.D. Economics (University of Pennsylvania)	<ul style="list-style-type: none"> Development Economics Planning Agriculture Water Resource Management
 Dr. Niti Mehta	Professor & Acting Director niti@spiesr.ac.in director@spiesr.ac.in	<ul style="list-style-type: none"> Ph.D. (Economics), Gujarat University, Ahmedabad P.G. Diploma (Urban & Regional Planning), School of Planning, CEPT University M.A. (Geography), Delhi School of Economics, University of Delhi 	<ul style="list-style-type: none"> Regional Economics Labour Economics Agricultural Economics
 Dr. Hansa Jain	Associate Professor hansa@spiesr.ac.in	<ul style="list-style-type: none"> Ph.D. (Economics), M. L. Sukhadia University, Udaipur M.A. Economics, specialization in Econometrics and Quantitative Economics, M. L. Sukhadia University, Udaipur P.G. Diploma in Computer Science 	<ul style="list-style-type: none"> Economic Growth, Trade and Environment Socio-Economic Issues Poverty and Inequalities Rural-Urban Migration
 Dr. Subrata Dutta	Associate Professor subratacutla@hotmail.com	<ul style="list-style-type: none"> Ph.D. (Economics), Wageningen University, The Netherlands P.G. Diploma in Small Entrepreneurship Promotion and Industrial Assistance, Maastricht School of Management, The Netherlands M.A. in Economics, Rabindra Bharati University, Kolkata 	<ul style="list-style-type: none"> Rural Growth Linkages Entrepreneurship in Rural Non-Farm Sector Socio-Economic Development
 Dr. Munish Alagh	Associate Professor munish@spiesr.ac.in, munish.alagh@gmail.com	<ul style="list-style-type: none"> Ph.D. in Agricultural Market & Price Response, University of Mumbai Post-Doctoral Fellowship, Indian Institute of Management, Ahmedabad M.A. in Economics, University of Mumbai 	<ul style="list-style-type: none"> Institutional Economics Agricultural Economics Economics of Growth – Macro and Micro Aspects

Name	Designation & Email id	Educational Qualification	Specialization Area/ Area/s of Research Interest
 Dr. Forum Dave	Assistant Professor daveforum@spiesr.ac.in, daveforum@gmail.com	<ul style="list-style-type: none"> Ph.D. (Economics), Gujarat University M.A. in Economics, Gujarat University 	<ul style="list-style-type: none"> Public Finance Urban Finance and Development Micro Economics Rural Development
 Dr. Smrutirekha Mohanty	Assistant Professor smrutirekha@spiesr.ac.in, smrutirekha25@gmail.com	<ul style="list-style-type: none"> Ph.D. (Economics), Jawaharlal Nehru University, New Delhi M. Phil. (Economics), Jawaharlal Nehru University, New Delhi M.A. (Economics), Utkal University, Bhubaneswar, Odisha 	<ul style="list-style-type: none"> Labour Economics Development Economics
 Dr. Vachaspati Shukla	Assistant Professor vachaspatishukla@spiesr.ac.in, vachaspatishukla@gmail.com	<ul style="list-style-type: none"> Ph.D. (Economics), Centre for Development Studies, Thiruvananthapuram M.Phil. (Economics), Centre for Development Studies, Thiruvananthapuram M.A. (Economics), Banaras Hindu University, Varanasi 	<ul style="list-style-type: none"> Economics of Education, Poverty and Inequality Labour Market, Employment and Development
 Dr. Nachiket Gosavi	Assistant Professor nachiket@spiesr.ac.in, nachiket.gosavi@gmail.com	<ul style="list-style-type: none"> Fellow (Ph.D.), National Institute of Industrial Engineering, Mumbai PGD Cyber Laws from the Maharaja Sayajirao University of Baroda M.A. (Economics), Gokhale Institute of Politics and Economics, Pune 	<ul style="list-style-type: none"> Sustainable Urban Transport Urbanization Asset bubbles
 Prof. S P Kashyap	Visiting Faculty and Former Director of SPIESR	Ph.D. (Economics), Gujarat University, Ahmedabad	<ul style="list-style-type: none"> Agriculture Regional Economics Industrial Economics Employment & Poverty SMEs
 Prof. Dinesh Awasthi	Editor, 'ANVESAK' and Visiting Faculty, Former Director, EDI, Ahmedabad editoranveska@spiesr.ac.in dinesh@spiesr.ac.in	Ph.D. (Economics), Gujarat University Ahmedabad	<ul style="list-style-type: none"> MSME Cluster Development Technology Entrepreneurship Rural Development Social Entrepreneurship Civil Society Organisation
 Prof. Takashi Shinoda	Visiting Faculty Currently Professor, Daito Bunka University, Japan shinoda@ic.daito.ac.jp	Ph.D. (Economics), Kanagawa University, Japan	<ul style="list-style-type: none"> Sociology of Deprived SC/ST Entrepreneurship SMEs



SUPPORTING PERSONNEL

(as on 31-03-2019)



Mr. P.K. Yagnik
Consultant
(Admin. officer)



Mr. K. S. Shah
Consultant Accountant



Ms. Sarita Ranga
Librarian



Ms. Reena Narendran
PA to Director



Ms. E.G. Komalavally
Office Superintendent



Ms. Kajal Shah
Assistant Accountant



Mr. Ashok J. Rathod
Office Assistant



Mr. Pradeep Chauhan
Technical Assistant
(Library)



Mr. A.J. Raval
Consultant (Admin.)



Mr. K.P. Satheesan
Consultant (Publication)



Mr. D.R. Soni
Clerk



Mr. Umesh B. Sananse
Data Entry Operator
(In-charge, Computer Centre)



Mr. Jurjun Patel
Clerk



Mr. Naresh Parmar
Driver



Mr. K.C. Vaghela
Gardener



Mr. Dinesh Rathod
Peon (Library)



Mr. Manoj Rathod
Peon



ORGANISATION & MANAGEMENT

As a grant-in-aid autonomous institution, the apex body of Sardar Patel Institute of Economic and Social Research (SPIESR) is its Governing Body consisting of prominent social scientists and civil servants along with the members nominated by Government of Gujarat and Indian Council of Social Science Research (ICSSR). With the Chief Minister of Gujarat, by convention, the Chairman of the Governing Body, the overall management of the Institute comes under its governance.

The Institute's staff consists of both academic and non-academic professionals. During the year 2018-2019, there were eight (8) faculty members and 17 non-academic staff. The Director of the Institute is its academic and administrative head, functioning under the overall guidance of the Governing Body. Research and consulting are the major activities of the Institute, besides teaching and training.

The Institute's library has been acknowledged as one of the leading *research and reference* libraries in Ahmedabad in the field of social science with a large collection of books, journals and government documents. The library is an integral part of the Institute's research activities and it is also open to outside research scholars for reference on request.



Sardar Patel Institute of
Economic and Social Research

FINANCIAL YEAR 2018-2019

AUDITOR'S REPORT

PAN: AAATS9136P

Purushottam Khandelwal & Co.
Chartered Accountants





INDEPENDENT AUDITOR'S REPORT

(as on 31-03-2019)

Purushottam Khandelwal & Co.
Chartered Accountants

To the Members of
Sardar Patel Institute of Economic and Social Research

Report on the Financial Statements

We have audited the accompanying financial statements of **"The Sardar Patel Institute of Economic and Social Research"** (the Trust), which comprise the Balance Sheet as at March 31, 2019, and the Statement of Income & Expenditure for the year then ended, and a summary of significant accounting policies and other explanatory information.

Management's Responsibility for the Financial Statement

This responsibility includes maintenance of adequate accounting records in accordance with the provisions of the Act for safeguarding the assets of the Trust and for preventing and detecting frauds and other irregularities; selection and application of appropriate accounting policies; making judgments and estimates that are reasonable and prudent; and design, implementation and maintenance of adequate internal financial controls, that were operating effectively for ensuring the accuracy and completeness of the accounting records, relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit.

We have taken into account the provisions of the Act, the accounting and auditing standards and matters which are required to be included in the audit report under the provisions of the Act and the Rules made there under.

Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments; the auditor considers internal financial control relevant to the Trust's preparation of the financial statements that give a true and fair view in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on whether the Trust has in place an adequate internal financial controls system over financial reporting and the operating effectiveness of such controls.

An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimates made by the Trust's directors, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion on the financial statements.

Basis for Qualified Opinion

As stated in Para (iii) of Note 2 "Significant Accounting Policies", the Trust has neither ascertained nor provided for the depreciation on its fixed assets in the books of accounts up to 31st March, 2019, which is not in accordance with the Accounting Standard 10 "Property, Plant & Equipment". In the absence of such details, we are unable to quantify the impact of such non- provision of the depreciation on the deficit for the year, on the carrying amounts of the fixed assets and of accumulated balance of the Income and Expenditure Account.

Qualified Opinion

In our opinion and to the best of our information and according to the explanations given to us, the financial statements give the information required by the Act in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India:

- a) in the case of the Balance Sheet, of the state of affairs of the Trust as at March 31, 2019;
- b) in the case of the Statement of Profit and Loss Account, of the loss for the year ended on that date;



Emphasis of Matter

It is the policy of the Trust to prepare its financial statements on the cash receipts and disbursements basis. On the basis, revenue and the related assets are recognized when received rather than when earned, and expenses are recognized when paid rather than when the obligation is incurred.

Our opinion is not qualified in respect of this matter.

Report on Other Legal and Regulatory Requirements

As required by The Bombay Public Trust Act, 1950 applicable to the state of Gujarat and on the basis of such checks as we considered necessary and appropriate and according to information and explanations given to us during the course of audit, we enclose in the annexure, a statement on the matters specified therein.

Date: - 18th September, 2019
Place: - Ahmedabad

For Purushottam Khandelwal & Co
Chartered Accountants
Firm Reg. No. 123825W
Sd/-
Purushottam Khandelwal
Partner
M. No. 100601



Sardar Patel Institute of Economic and Social Research
Balance sheet as at March 31, 2019

Particulars	Notes	As at March 31,2019	As at March 31,2018
SOURCES OF FUNDS			
Corpus Fund	3	1,01,88,208	1,01,88,208
Other Fund Balances	4	10,20,13,361	9,74,72,107
Reserves and Surplus	5	(48,51,038)	(51,96,751)
Total		10,73,50,532	10,24,63,564
APPLICATION OF FUNDS			
Fixed Assets	6	2,87,58,048	2,86,51,601
Current Assets, Loans and Advances			
Cash and Bank Balances	7	8,01,79,476	7,46,50,707
Loans and Advances	8	3,32,229	4,15,170
Total Current Assets, Loans and Advances		8,05,11,705	7,50,65,877
Less: Current Liabilities and Provisions	9	19,19,221	12,53,914
Net Current Assets		7,85,92,484	7,38,11,963
Total		10,73,50,532	10,24,63,564
See accompanying notes forming part of the financial statements in terms of our report attached.			
For Purushottam Khandelwal & Co		For Sardar Patel Institute of Economic and Social Research	
Chartered Accountants			
Sd/-		Sd/-	
Purushottam Khandelwal		Niti Mehta	
Partner		Director	
Membership No. : 100601			
Place: Ahmedabad			
Date: 18/09/2019			



Sardar Patel Institute of Economic and Social Research
Income and Expenditure Account for the year ended
March 31, 2019

	Notes	For the Year Ended March 31, 2019	For the Year Ended March 31, 2018
Income			
Grants and Donations	13	2,10,50,000	1,81,50,000
Other Income	14	3,68,310	3,86,264
Total		2,14,18,310	1,85,36,264
Expenditure			
Employee Cost	15	1,86,09,686	1,94,50,018
Administrative and Other Expenses	16	24,62,911	30,32,738
Total		2,10,72,597	2,24,82,756
(Deficit) of Income over Expenditure		3,45,713	(39,46,492)
See accompanying notes forming part of the financial statements in terms of our report attached.			
<div style="display: flex; justify-content: space-between;"> <div> <p>For Purushottam Khandelwal & Co</p> <p>Chartered Accountants</p> <p>Sd/-</p> <p>Purushottam Khandelwal</p> <p>Partner</p> <p>Membership No. : 100601</p> <p>Place: Ahmedabad</p> <p>Date: 18/09/2019</p> </div> <div> <p>For Sardar Patel Institute of Economic and Social Research</p> <p>Sd/-</p> <p>Niti Mehta</p> <p>Director</p> </div> </div>			

Sardar Patel Institute of Economic and Social Research
Notes forming part of the Accounts

Note - 3 Corpus Fund

(Amount in ₹)

	As at April 1, 2018	Additions during the year	Deductions during the year	As at March 31, 2019
Corpus Fund	1,01,88,208	-	-	1,01,88,208
Total	1,01,88,208	-	-	1,01,88,208
Previous Year	1,01,88,208	-	-	1,01,88,208

Note - 4 Other Fund Balances

(Amount in ₹)

	As at April 1, 2018	Additions during the year	Deductions during the year	As at March 31, 2019
Membership Fees Fund	9,725	-	-	9,725
Building Donation Fund (Note 10)	6,31,53,899	61,92,911	3,90,469	6,89,56,341
Revision of Pay scale Fund	12,20,516	-	-	12,20,516
Grant-in-Aid				
For Buildings	36,67,606	-	-	36,67,606
For Furniture, Office Equipment and Computers	83,56,967	-	-	83,56,967
For Books	21,92,550	-	-	21,92,550
For Computers	14,64,316	-	-	14,64,316
For Roads, Computers & Equipment	65,51,567	-	-	65,51,567
Institute Publication Fund (Note 11)	24,75,692	1,65,028	1,96,663	24,44,057
Project Fund (Note 12)	83,79,269	31,29,370	43,58,923	71,49,716
Total	9,74,72,107	94,87,309	49,46,055	10,20,13,361
Previous Year	8,71,57,345	87,11,429	31,40,276	9,27,28,498

Note - 5 Reserves and Surplus

(Amount in ₹)

	As at April 1, 2018	Additions during the year	Deductions during the year	As at March 31, 2019
Balance of Income and Expenditure Account	(51,96,751)	3,45,713	-	(48,51,038)
Total	(51,96,751)	3,45,713	-	(48,51,038)
Previous year	3,15,504	(15,65,762)	-	(12,50,258)

Note - 6 Fixed Assets

(Amount in ₹)

	Gross Block (At Cost)*			
	As at April 1, 2018	Addition during the year	Deletion during the year	As at March 31, 2019
Land, Building and Roads*	1,10,89,493	-	-	1,10,89,493
Furniture / Equipment/ Computers	1,42,63,269	1,06,447	-	1,43,69,716
Office Equipment	2,30,971	-	-	2,30,971
Books	20,48,040	-	-	20,48,040
Vehicles	10,19,828	-	-	10,19,828
Total	2,86,51,601	1,06,447	-	2,87,58,048
Previous year	2,85,15,337	-	-	2,86,51,601

* In 1969, Gujarat Government has given possession of land (without ownership) admeasuring approximately 50 acres for the purpose of use of Trust

Note - 7 Cash and Bank Balances

(Amount in ₹)

	As at March 31, 2019	As at March 31, 2018
Cash on hand	8,481	12,157
Bank Balances	11,74,111	9,86,069
Savings Accounts		
Indian Overseas Bank		
Current Account	1,11,56,761	60,55,348
Indian Overseas Bank		
Fixed Deposit Accounts	6,53,40,123	6,45,97,133
Indian Overseas Bank		
Current Deposit Accounts	25,00,000	30,00,000
Recurring Deposit		
Total	8,01,79,476	7,46,50,707

Note - 8 Loans & Advances

(Amount in ₹)

	As at March 31, 2019	As at March 31, 2018
(Unsecured, considered good)		
Advance given to Employees	-	-
Advances given to Project Staff	2,34,200	3,44,240
Electricity Deposit	2,930	2,930
Review Committee Exp.	39,099	-
Foodgrain Advance	1,600	1,600
Loan to Employees	3,400	15,400
IDS Receivable	51,000	51,000
Total	3,32,229	4,15,170

Note - 9 Current Liabilities and Provisions

(Amount in ₹)

	As at March 31, 2019	As at March 31, 2018
Sundry Credit Balances	15,800	20,800
Grant for Lib. Upgradation	11,87,161	-
Deposits	1,98,870	2,44,040
Professional Tax Payable	-	-
Grant for Upgradation	72,617	4,57,251
Grant from ICSSR-Compo for SC&ST	4,44,773	5,31,823
Total	19,19,221	12,53,914

Note - 10 Trust has created the Building Donation Fund for the purpose of meeting future expenditure of the Trust. During the current year, following incomes has been directly credited to the fund balance.
(i) Interest Income of ₹ 3969777 (P.Y. ₹ 3895911)
(ii) Rent Income of ₹ 2223134 (P.Y. ₹ 972238)

Note - 11 During the current year, interest income of ₹ 161116 (P.Y. ₹ 159019) earned on fixed deposits has been directly credited to the fund balance.

Note - 12 During the current year, interest income of ₹ 322088 (P.Y. ₹ 287939) earned on fixed deposits has been directly credited to the fund balance.

Note - 13 Grants and Donations

(Amount in ₹)

	For the Year Ended March 31, 2019	For the Year Ended March 31, 2018
Indian Council of Social Science Research	1,58,00,000	1,29,00,000
The Government of Gujarat	52,50,000	52,50,000
Total	2,10,50,000	1,81,50,000

Note - 14 Other Income

(Amount in ₹)

	For the Year Ended March 31, 2019	For the Year Ended March 31, 2018
Rent Income	-	-
Overhead Charges from Sponsored Projects	15,000	24,000
Income generated from hostel & staff quarters	98,667	2,46,241
Recovery from Past Employees	-	-
Subscription of Institute Publication	19,550	8,920
Miscellaneous Income	93,646	8,130
Interest on Recurring Deposit	1,41,447	92,481
Interest on Income Tax Refund	-	6,492
Total	3,68,310	3,86,264

Note - 15 Employee Cost

(Amount in ₹)

	For the Year Ended March 31, 2019	For the Year Ended March 31,2018
Salary & Allowances	1,84,96,754	1,94,50,018
Medical Benefits	99,862	-
Uniform and Welfare Allowances	13,070	-
Total	1,86,09,686	1,94,50,018

Note - 16 Administrative and Other Expenses

(Amount in ₹)

	For the Year Ended March 31, 2019	For the Year Ended March 31,2018
Repairs and Maintenance	1,38,737	1,40,763
Electricity Expenses	6,05,302	6,31,478
Advertisement Expenses	51,440	24,720
Rent, Rates and Taxes	39,255	38,256
Printing and Stationery Expenses	61,738	97,456
Publication Expenses	1,54,595	-
Computer Expenses	2,36,460	1,48,894
Vehicle Maintenance Expenses	35,596	45,740
Audit Fees	27,140	27,140
Legal & Professional Fees	1,47,330	1,55,000
Library Journal	66,418	6,61,860
Building Maintenance Expenses	3,66,155	-
Capital Development Expenses	91,221	7,41,269
Postage & Telephone Expenses	2,82,262	1,80,013
LTC TA Expenses	34,349	52,253
Expenditure incurred for various sponsored projects	43,58,923	35,92,430
Amount transferred from Project Fund to the extent of expenditure incurred	(43,58,923)	(35,92,430)
General Expenses	1,24,913	87,896
Total	24,62,911	30,32,738



Notes forming part of the Accounts

1. General Information:

Sardar Patel Institute of Economic & Research ("The Trust") is a non-profit organization established to study or to undertake research in economics, agricultural, social, finance and commercial problems, publication of information and training for research work pertaining to these fields. As these objects are of educational nature, the income of the trust is claimed as exempt from payment of contribution under the Bombay Public Trust, 1950.

2. Significant Accounting Policies:

i. Expenditure/Income

All items of expenses/ income are accounted for on cash basis.

ii. Fixed Assets

Fixed Assets are stated at historical cost.

Assets received/acquired by trust as gift or as grant in aid are recorded in the books of account at zero values.

iii. Depreciation

The Trust neither ascertains nor provides for depreciation on fixed assets in the books of accounts as required under the Accounting Standard -10 "Property, Plant and Equipment" prescribed by Institute of Chartered Accountants of India. However, for the purpose of filing return of Income, the Trust calculates the depreciation as per the provisions of the Income Tax Act, 1961 and the same is claimed as an allowable deduction from the income.

iv. Retirement Benefits

- a) The employees of the Trust are covered under (i) General Provident Fund Scheme and (ii) Death-Cum-Retirement Gratuity & Family Pension Scheme of the State Government, in line with other employees of the State Government.
- b) The Trust accounts for leave encashment benefits paid to its employees on cash basis.



THE BOMBAY PUBLIC TRUST ACT 1950
SCHEDULE IX-C

(Vide Rule-32)

Statement of Income Liable to Contribution for Year ending:-31/03/2019
Name of the Trust:- Sardar Patel Institute of Economic And Social Research
Registration No.:-F-252/AHD

	PARTICULARS	RS.
I	INCOME AS SHOWN IN THE INCOME AND EXPENDITURE ACCOUNT (SCHEDULE IX)	Nil*
II	ITEMS NOTCHARGABLE TO CONTRIBUTION UNDER SECTION 58 AND RULE 32.	
	<ul style="list-style-type: none"> (i) Donation received from other public/Trust and Dharamadas. (ii) Grant received from Government & local authority (iii) Interest on sinking or depreciation fund. (iv) Amount spent for the purpose of secular education. (v) Expenditure incurred from donation for relief of distress caused by scarcity, drought, flood, fire, or other natural calamity. (vi) Deduction out of income from lands used for agricultural purpose. <ul style="list-style-type: none"> a. Land revenue and local fund cess b. Rent payable to superior landlord. c. Cost of production if lands are cultivated by trust (vii) Deduction out of income from lands used for non-agricultural purpose, <ul style="list-style-type: none"> a. Assessment cases and other Government or Municipal Taxes. b. Ground rent payable to the superior landlord c. Insurance premia. d. Repairs at 10 percent of gross rent of building e. Cost of collection at 4 percent of gross rent of building let out. (viii) Cost of collection of income or receipt from securities stocks etc., at one percent or such income. (ix) Deduction on account of receipt in respect of building not rented and yielding no income at 10 percent of the estimated gross annual rent. 	<p>* The objects of the Trust are to study or to undertake research in economics, agricultural, social, finance and commercial problems, publication of information pertaining to these fields, training for research work pertaining to these fields etc. As such objects are of educational nature, it is claimed that the income of the Trust is exempt from payment of contribution under section 58(2) of The Bombay Public Trust Act, 1950. As the whole of the income of the Trust is exempt from payment of contribution, separate working showing calculation of Gross Annual Income and details of deductions in respect of income chargeable to contribution under section 58 and rule 32 are not furnished.</p>
	Gross annual income chargeable to contribution Rs.	

For Sardar Patel Institute of Economic
and Social Research

Sd/-
Niti Mehta
Director

Bankers:
Indian Overseas Bank
Thaltej, Ahmedabad

For Purushottam Khandelwal & Co.
Chartered Accountants
FRN 117365W
AHMEDABAD

Sd/-
Purushottam Khandelwal
Partner
Membership No.: 100601
Place: Ahmedabad
UDIN : 19100G01AAAAFD7560
Date: 18/09/2019

Auditors:
Purushottam Khandelwal & Co.
Chartered Accountants
Ahmedabad



THE BENEFACTORS

PATRON MEMBERS: 2018-2019

A

Advance Lifestyles Limited, Ahmedabad
Ahmedabad Cotton Mills, Ahmedabad
Ahmedabad Mfg & Calico Printing Co. Ltd., Ahmedabad
Alembic Limited, Vadodara
Arvind Limited, Ahmedabad
Arvind Intex, Ahmedabad
Arvind Polycot Ltd., Ahmedabad
Aruna Mills Ltd., Ahmedabad
Arvind Polycot Ltd., Ahmedabad
Asoka Spintex, Ahmedabad
Atmaram Maneklal Industries Ltd., Ahmedabad
Atul Limited, Valsad

B

Bank of Baroda, Mumbai
Bank of India, Mumbai
Baroda Rayon Corp. Ltd., Mumbai

C

Canara Bank, H.O., Bangalore
C. Doctor & Co. Pvt. Ltd., Ahmedabad
Cellulose Products of India Ltd., Ahmedabad
Central Bank of India, Zonal Office, Ahmedabad
Cibatul Ltd., Valsad

D

Dena Bank, Corporate Office, Mumbai
Deepak Nitrite Limited, Mumbai

G

Gujarat Composite Ltd., Ahmedabad
Gujarat Agro-Industries Corp. Ltd., Gandhinagar
Gujarat Urja Vikas Nigam Ltd., Vadodara
Gujarat Industrial Investment Corp. Ltd., Gandhinagar
Gujarat Industrial Dev. Corp. Ltd., Gandhinagar
Gujarat State Fertilizers & Chemicals Ltd., Vadodara
Gujarat State Financial Corp., Gandhinagar
Gujarat State Co-op. Mktg. Federation Ltd., Ahmedabad
Gujarat State Seed Corp. Ltd., Gandhinagar
Gujarat State Co-op. Bank Ltd., Ahmedabad
Gujarat Narmada Valley Fertilizers & Chemical Ltd., Bharuch
Gujarat Sidhee Cement Ltd., Veraval
Gujarat Small Industries Corp. Ltd., Gandhinagar

I

Indian Bank, Corporate Office, Chennai
Indian Electro Chemicals, Ahmedabad
ICICI Bank Limited, Mumbai

K

Kalpur Commercial Co-op. Bank Ltd., Ahmedabad
Kaira District Co-operative Milk Producers Union, Anand
Kamani Engineering Corp. Ltd. Mumbai
Krupa Education Trust, Ahmedabad

M

Mafatlal Industries Ltd., Ahmedabad
Matulya Mills Ltd., Mumbai
M/s. Amit Indradaman Sheth, Ahmedabad
M/s. Hiralal Chandulal Chokshi, Ahmedabad
M/s. Mehta Investment & Traders Pvt. Ltd., Ahmedabad
M/s. Nirma Chemical Works Pvt. Ltd., Ahmedabad
M/s. Ramaprasad Investments & Traders Pvt. Ltd., Ahmedabad

N

NRC Limited, Mumbai
Nutan Mills Ltd., Ahmedabad

R

Rajesh Malleables Ltd., Ahmedabad
Rampion Eyetech Pvt. Ltd., Ahmedabad
Rustom Mills & Industries Ltd., Ahmedabad

S

Sayaji Industries Limited, Ahmedabad
Shantaben Manubhai Patel Charitable Trust, Ahmedabad
Shanudeep Private Limited, Mumbai
Sheth Harivallabhdas Kalidas Charitable Trust, Ahmedabad
Shri Ambalal Jivabhai Memorial Foundation, Ahmedabad
Shri Ambica Mills Ltd., Ahmedabad
SLM Maneklal Industries, Ahmedabad
State Bank of Saurashtra, LHO, Ahmedabad
Sintex Industries Ltd., Kalol

T

The New Commercial Mills Co. Ltd., Ahmedabad
The New India Assurance Co. Ltd., Regional Office, Ahmedabad
The Raipur Manufacturing Co. Ltd., Ahmedabad
The Commercial Ahmedabad Mills Co. Ltd., Ahmedabad
The Scindia Steam Navigation Co. Ltd., Mumbai
The Standard Industries Ltd., Mumbai
Torrent Power Limited, Surat
The Tarun Commercial Mills Ltd., Ahmedabad
Tata Chemicals Limited, Ahmedabad
Torrent Power Limited, Ahmedabad

U

Union Bank of India, Ahmedabad
UCO Bank, Regional Office, Ahmedabad

PROFESSIONAL MEMBERS: 2018-2019

Prof. V. P. Chowda, Ahmedabad
Prof. Ravindra H. Dholakia, Ahmedabad
Prof. G. N. Joshi, Surat
Prof. V. H. Joshi, Rajkot
Prof. V. R. Panchmukhi, Bangalore
Dr. Kiran Pandya, Surat
Dr. J. C. Sandesara, Mumbai
Prof. Kanubhai Shah, Ahmedabad
Dr. K.R. Shah, Vadodara
Dr. Yogeshchandra Surajram Purohit, Surat
Prof. P. M. Narielwala, Ahmedabad

INDIVIDUAL MEMBERS 2018-2019

Shri Pareshkumar Amin, Ahmedabad
Shri Chandrakant Motilal Jagabhaiwala, Ahmedabad
Shri N. B. Joshi, Kadi
Shri Girish B. Patel, Ahmedabad
Shri Hasimukh G. Patel, Ahmedabad
Shri Kanu G. Patel, Ahmedabad
Shri Mahendra G. Patel, Ahmedabad
Shri K. J. Pathak, Ahmedabad

INSTITUTIONAL MEMBERS 2018-2019

Mr. Uday Mawani, CERC, Ahmedabad



ANNEXURES

Annexure-1

BOOKS AND MONOGRAPHS

No.	Title	Author(s)	Publisher	Published Year
1.	Dynamics of Labour Use and Role of Genetically Modified Crops in Cotton Cultivation	Niti Mehta	Academic Foundation	2019
2.	Rural Transformation in the Post Liberalization Period in Gujarat: Economic and Social Consequences	Niti Mehta	Palgrave Macmillan	2018
3.	Role of Public Policy in Development Process: Emerging Socio-economic Scenario in the Indian Economy	Niti Mehta & Anita Arya (Eds.)	Academic Foundation	2018
4.	Trade Liberalization, Economic Growth and Environmental Externalities: An Analysis of Indian Manufacturing Industries	Hansa Jain	Palgrave Macmillan	2017
5.	Supermarket for Rural Customers: A Study of a Community-oriented Social Enterprise in Gujarat	Subrata Dutta & Munish Alagh	Academic Foundation	2017
6.	Vulnerability and Risk Measurement of Climate Induced Disasters in Gujarat	Shital Shukla	Academic Foundation	2014
7.	Developments in Agriculture: A Comparative Analysis of the Growth Components and Contributory Factors across States	Niti Mehta	Allied Publisher	2011
8.	Petroleum Refining in India: Reform and Technical Efficiency in Public Sector Enterprises	Madhusudan Datta	Allied Publisher	2011
9.	Informal Sector in India: Pathways to Viability and Growth	Jayshree Shah & R.G.Nambiar (Eds.)	SPIESR	2004
10.	Financial Issues in Water Sector, Proceedings of the Seminar on Networking of Financial Issues in Water Sector	Rohit D. Desai (Ed.)	SPIESR	2003
11.	Conflict Resolution in the Water Sector	Rohit D. Desai (Ed.)	SPIESR	2000
12.	Power Economics in Gujarat	Y.K.Alagh, Jayshree Shah & Vinod K. Shah	Har-Anand Publications	1998
13.	Development of Gujarat : People's Perceptions	Sam Pitroda and R.J. Mody (Eds.)	PBC Book Service	1997
14.	Economic Theory and Econometric Applications: Recent Developments	G.V.S.N. Murty (Ed.)	Har-Anand Publications	1995
15.	Economic Dimensions of the Sardar Sarovar Project	Y.K. Alagh, R.D. Desai, G.S. Guha and S.P. Kashyap	Har-Anand Publications	1995
16.	The Household Sector: A Study of Jari in Surat	R.D. Desai	Har-Anand Publications	1995
17.	Sectoral Growth and Change	Y.K. Alagh, R.J. Mody & R.D. Desai (Eds.)	Har-Anand Publications	1993
18.	Stability and Development	Y.K. Alagh, R.J. Mody & R.D. Desai (Eds.)	Har-Anand Publications	1993
19.	Evaluation of Gujarat Social Forestry Programme	M.K. Dalvi & Rohit Shukla	D.K. Publishers	1988
20.	Multinational Corporations and National Technological Capability	Mohanan Pillai & Jayshree Shah	D.K. Publishers	1988
21.	Shaping of Diamonds in Surat: Some Passes (Facets)	S.P. Kashyap & R.S. Tiwari	Allied Publisher	1986
22.	International Linkages of Domestic Prices and the Mechanism of Price Transmission	R. G. Nambiar	Allied Publisher	1985
23.	Gujarat Economy: Problems and Prospects	D.T. Lakdawala (Ed.)	Allied Publisher	1983
24.	Employment, Poverty and Public Policy	SPIESR	Allied Publisher	1981
25.	Gujarat Economy in 2001 AD	SPIESR	Allied Publisher	1980
26.	Adult Education Programme in Gujarat: An Appraisal	Arul Sarma, Vimal P. Shah & B.K. Parikh	Allied Publisher	1979
27.	Regional Planning in a Consistency Framework A Study of Gujarat	S.P. Kashyap	Allied Publisher	1979
28.	Optimum Utilisation of Educational Expenditure in Gujarat	D.T. Lakdawala & K.R. Shah	Popular Prakashan	1978
29.	Wage Structure and Labour Mobility in a Local Labour Market	T.S. Papola & K.K. Subrahmanian	Popular Prakashan	1975
30.	Financial Assets and Instruments for Mobilization of Saving	D.T. Lakdawala & R.J. Mody	Popular Prakashan	1974
31.	Regional Variation in Industrial Development	D.T. Lakdawala & R.J. Mody	Popular Prakashan	1974
32.	Commodity Taxation in India	D.T. Lakdawala & K.V. Nambiar	Popular Prakashan	1972

Annexure-2

WORKING PAPER SERIES

1. "Public-Private Wage Gap in the Indian Mining and Quarrying Industry" (2018) - Smrutirekha Mohanty
2. "Evaluating Group Disparities in Educational Outcomes: An Age Cohort Perspective" (2018) - Vachaspati Shukla
3. "Class Matters? : Exploring the Trends in Female Workforce Participation in India after 2004 -05" (2017) - Niti Mehta and Smrutirekha Mohanty
4. "Financial Management in Local Government" (2016) - Forum Dave
5. "Dynamics of Change in the Employment and Enterprise Structure of Gujarat" (2016) – Niti Mehta
6. "The Uneasy Case against Planning" (2016) – Yoginder K. Alagh
7. "Inter-Generational Relations and Decision-making among the Elderly: A Study in Gujarat" (2015) – Renu Tyagi and Tattwamasi Paltasingh.
8. "Economics of Organisations Applied to a Community Enterprise in Gujarat" (2015) -Munish Alagh
9. "Philosophical Explorations of Causality and Flagging Its Link to Behavioral Economics" (2015)- Munish Alagh
10. "Including Community in School Education: Gujarat Scenario" (2014) - Tattwamasi Paltasingh
11. "Sardar Sarovar Revisited" (2013) - Yoginder K. Alagh
12. "Indian Public Employment Policy for Weaker Sections: A Case of SC/ST" (2013) - Chittaranjan Senapati
13. "Wages and Wage Disparity in Organized Manufacturing Industries: An Analysis of Post Reforms Era" (2013) - Hansa Jain and Dileep Singh
14. "Intervention on Early Childhood Care and Education: Evidences from Orissa" (2012) - Tattwamasi Paltasingh
15. "Productivity and Resource Structure: Underlying Dimensions of Agricultural Development in Gujarat" (2012) - Niti Mehta
16. "The Economics of Government Savings: A Note on Indian State-level Fiscal Restructuring" (2012) - Subrata Dutta
17. "Impact of Socio-Economic Indicators on the Status of Natural Resources" (2012) -Hansa Jain
18. "Drivers of Vulnerability towards Climate Variability in Gujarat" (2012) - Shital Shukla
19. "Performance of Gujarat Economy: An Analysis of Growth and Instability" (2011) -Anita Arya and Niti Mehta
20. "Towards an Understanding of Sustainable Environment & Development: Some Reflections" (2011) - Tattwamasi Paltasingh
21. "Technical Efficiency of Agricultural Farms and Capital Output Ratio: A Study on Jhansi Division of Uttar Pradesh" (2011) - Hansa Jain and Ram Kumar Jha
22. "Sectoral Shares in GDP: Estimation at Current and Constant Prices" (2010) -Madhusudan Datta
23. "Female Employment in India: Trends and Underlying Processes in the Era of Reforms" (2010) - Niti Mehta
24. "Agricultural Demand and Food Security in India" (2010) - Yoginder K. Alagh
25. "Service Boom in the Indian Economy: An Analysis of Causal Influences" (2010) Madhusudan Datta



Annexure-3

NEW REPRINT SERIES

1. "How Real Are the Changes in Sectoral GDP Shares in the Indian Economy?", *Journal of Quantitative Economics*, Vol.9, No.1, January 2011, pp.169-182, Madhusudan Datta.
2. "Agriculture in a Rural-Urban Continuum" *Indian Journal of Agricultural Economics*, Vol. 66, No.2, April-June, 2011, pp.165-177, Yoginder K. Alagh.
3. "Liberalised Era and Technical Efficiency in Agriculture: Variations in Gujarat and West Bengal", *Indian Journal of Agricultural Economics*, Vol.66, No.2, April-June, 2011, pp.214-229, Niti Mehta.
4. "Determinants of Rural Industrial Entrepreneurship of Farmers in West Bengal: A Structural Equations Approach", *International Regional Science Review*, Vol.33, No.4, October-December 2010, pp.367-396, Subrata Dutta.
5. "Performance of Crop Sector in Gujarat during High Growth Period: Some Explorations", *Agricultural Economics Research Review*, Vol.25 (No.2), July-December 2012, pp.195-204, Niti Mehta.
6. "Demographic Transition and Population Ageing: Building an Inclusive Culture", *Social Change*, 42(3) 391-409, Sage Publications, Los Angeles, London, New Delhi, Singapore, Washington DC., 2012, pp.391-409, Tattwamasi Paltasingh & Renu Tyagi.
7. "Future of Indian Agriculture", *The Indian Economic Journal*, Vol. 59(1), April-June 2011, pp.40-55, Y.K. Alagh.
8. "Beyond the 12th Plan Approach", *Indian Journal of Agricultural Economics*, Vol.67, No.1, January-March 2012, pp.1-8, Y.K. Alagh.
9. "Entrepreneurship Education & Culture of Enterprise: Relevance & Policy Issues", *The Indian Journal of Industrial Relations*, Vol.48, No.2, October 2012, pp.233-246, Tattwamasi Paltasingh.
10. "Entrepreneurship & Global Competitiveness: A Study on India", *The Indian Journal of Industrial Relations*, Vol. 47, No.4, April 2012, pp.617-633, Subrata Dutta.
11. "Resource-based Planning Prerequisites for Decentralized Development", *IASSI Quarterly- Contributions to Indian Social Science*, Vol.31, No.2, April-June 2012, pp.1-23, Niti Mehta.
12. "An Investigation into Growth, Instability and Role of Weather in Gujarat Agriculture: 1981-2011", *Agricultural Economics Research Review*, Vol.26 (Conference Number) 2013, pp.43-55, Niti Mehta.
13. "Vulnerability of Widows and Justifiability of Their Social Protection from Macroeconomic Standpoint", *Review of Development and Change*, Vol. XVII, No.2, July-December 2012, pp.75-91, Subrata Dutta.
14. "Fiscal Consolidation and Some Key Issues: An Indian Sub-National Level Analysis", *The Journal of Economic Policy and Research*, Vol.7, No.2, April-September 2012, pp.1-41, Subrata Dutta.
15. "The Economics of Government Savings: An Analysis of Indian State-level Fiscal Restructuring", *The Indian Economic Journal*, Vol.60, No.1, April-June 2012, pp.106-129, Subrata Dutta.
16. "Social Security for Rural Widows in Rajasthan: An Empirical Study", *Development in Practice*, Vol.23, No.3, May 2013, pp.402-421, Subrata Dutta.
17. "Protecting Children from Classroom Hunger through Mid-Day-Meal Scheme: Initiatives and Challenges", *IASSI Quarterly-Contributions to Indian Social Science*, Vol.32, No.1, January-March 2013, pp.107-122, Tattwamasi Paltasingh.
18. "Social Security & Policy on Senior Citizens: Evidences from Asian Countries", *Ageing & Society: The Indian Journal of Gerontology*, Vol. XXII, No.1 & 2, January-March 2012, April-June 2012, pp. 1-20, Tattwamasi Paltasingh & Renu Tyagi.
19. "Employment of Rural Labour in the Neo-Liberal Era: A Study of Gujarat", *The Indian Journal of Labour Economics*, Vol.56, No.2, 2013, pp.243-266, Niti Mehta.
20. "Rule-based Consolidation in India and European Union: A Relook into the Process", *Journal of Indian School of Political Economy*, Vol.24, No.1-4, January-December 2012, pp.157-179, Subrata Dutta & Auke R. Leen.
21. "Industrial Growth and Wage Structure: An Inter-Regional Analysis", *Journal of Regional Development Planning*, Vol.3, No.1, 2014, pp.1-18, Hansa Jain and Dileep Singh.

22. "Production and Reproduction in Feminism: Ideas, Perspectives and Concepts", *Society and Management Review*, 3(1) January 2014, Sage Publications, Tattwamasi Paltasingh & Lakhmi L.
23. "Women's Empowerment through SHGs: Intervention and Imperatives", *Social Work Chronicle*, Vol.3 No.1 & 2, 2014, pp.54-65, Tattwamasi Paltasingh.
24. "Agricultural Productivity in Gujarat: Emerging Challenges and Possibilities", *The Indian Economic Journal Special Issue*, December 2013, pp. 49-60, Hansa Jain.
25. "Economic Implications of South Asian Free Trade Area for India & the World: A Partial Equilibrium Approach", *The Indian Economic Journal*, Special Issue, December 2014, pp. 371-391, Hansa Jain.
26. "Government Intervention Through Mid-Day Meal Scheme: Review and Reflections", *Journal of Governance & Public Policy*, Vol.4, No.2, July-December 2014, pp.52-61, Tattwamasi Paltasingh.
27. "Wage Determinants in India's Manufacturing Sector during Post Reforms Scenario", *Journal of Economic Policy & Research*, Vol.10, No.1, October 2014-March 2015, pp.109-135, Hansa Jain.
28. "Rural-Urban Linkages, Labour Migration & Rural Industrialization in West Bengal", *The Indian Journal of Industrial Relations*, Vol.50, No.3, January 2015, pp.397-411, Subrata Dutta & Subhendu Chakrabarti.
29. "Assessment of Marketed and Marketable Surplus of Major Food grains in Gujarat", *Indian Journal of Agricultural Marketing*, Vol.28, No.2, May-August 2014, pp.60-80, Munish Alagh.
30. "Tribal Population in India: Regional Dimensions & Imperatives" *Journal of Regional Development and Planning*, Vol.3, No.2, December 2014, pp.27-36, Tattwamasi Paltasingh & Gayatri Paliwal.
31. "Manufacturing Growth & Employment Pattern in India since 1990s", *The Indian Journal of Industrial Relations*, Vol.50, No.3, January-2015, pp.412-424, Hansa Jain.
32. "Development of Rural Small Enterprises during Liberalisation: A Study of Gujarat and West Bengal", *The Asian Economic Review*, Journal of the Indian Institute of Economics, Vol.57 (No.3) September 2015, pp.137-168, Subrata Dutta.
33. "Building the Foundation of Pre-School Education in an Indian State: Intervention and Policies", *Journal of Educational Planning and Administration*, Vol.XXIX (No.2) April 2015, pp.105-119, Tattwamasi Paltasingh.
34. "Rural Entrepreneurship through Restructuring State Finances: A Note for Policy", *The Indian Journal of Industrial Relations A Review of Economic & Social Development*, Vol.51 (No.2) October 2015, pp.204-211, Subrata Dutta.
35. "Changing Inter-Sectoral Linkages: Role of Technology Adoption in Agricultural Growth", *Agricultural Economics Research Review*, Vol.28 (Conference Number) 2015, pp.35-46, Niti Mehta.
36. "Entrepreneurship and Sociocultural Factors", Originally published in *South Asia Research*, Vol.36, No.1, SAGE Publications India Pvt. Ltd., pp.41-60, Subrata Dutta.
37. "Patterns of Borrowing by Rural Householders for Farm and Non-farm Businesses in Gujarat and West Bengal", *Review of Development & Change*, Vol.XX (No.1) January-June 2015, pp.61-80, Subrata Dutta.
38. "Wages and Wage Disparity in Organised Manufacturing Industries: An Analysis of the Post-Reform Era", *The Indian Journal of Labour Economics*, Vol.57, Number 4, October-December 2014, pp.441-464, Hansa Jain.
39. "Sectoral Interaction and Transformation of a Predominantly Agrarian Economy: A Discourse in the Light of the Classical Political Economy Frameworks", *Archives of Economic History*, Vol. XXVII, Number 2, July-December 2015, pp.5-18, Subrata Dutta.
40. "On a Revived Planning Commission", *Planning in the 20th Century and Beyond India's Planning Commission and the NITI Aayog*, edited by Santosh Mehrotra and Sylvie Guichard, published by Cambridge University Press, Yoginder K. Alagh.
41. "Indian Planning circa 2018 and Past Experience: Did Experts Make a Difference?", *Planners in Politics, Do They Make a Difference?*, *Elgar Studies in Planning Theory, Policy and Practice*, edited by Luis Albrechts, published by Edward Elgar Publishing Ltd., Yoginder K. Alagh.
42. "The Next Stage of Planning in India", *Economic & Political Weekly*, Vol. LIII, Nos.26 & 27, June 30, 2018. Book Review: "Counting the Poor in India: Where Do We Stand", *Indian Journal of Agricultural Economics*, Vol.73, No.2 April-June, 2018, Yoginder K. Alagh.

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