

## Profile

### Dr. DEBASIS PATNAIK

Associate Professor

Date of Joining: April 06, 2005

#### Contact Details:

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**Chamber:** D 308/8 (NAB), Department of Economics and Finance,  
BITS Pilani KK Birla Goa Campus, NH - 17B, Sancoale, Zuarinagar,  
Goa 403726

#### Education:

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**Ph.D. Economics:** Central University of Hyderabad, Hyderabad, India

Title of the Thesis: *"Productivity, Growth and Dispersal of Indian Industry: 1956-95"*

**Post Graduate Programme in ECONOMICS:** University of Mumbai, Mumbai, India

#### Experience:

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Associate Professor, BITS Pilani KK Birla Goa Campus, 2018 to Present

Head of Department of Economics BITS Pilani KK Birla Goa Campus, 2013-15

Assistant Administrative Officer, Mukund Steels, Thane, Mumbai, 1996-97

Lecturer, Salipur College of Cuttack District, Cuttack, Odisha, 1993-95

Member and Treasurer, Jiddu Krishnamurti Centre, Cuttack, Odisha, 1990-93

Member and Past Executive Committee Member - Cuttack Lodge, Kali Gali, The Theosophical Society,  
Cuttack, Odisha, 1986 onwards.

#### Research interest:

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Economics and Social Sciences, Industrial Economics, Productivity and Dispersal Economics, Finance, Supply Chain Management, Agriculture economics, GM Crops and Bio diversity, Media Auditing, Media Management, Religion, Philosophy, J Krishnamurti, Regional Economics, Corporate Social Responsibility Issues, Artificial Intelligence, Language and Reality, Econometrics and Quantitative Research in Theoretical Econometrics and Modelling, Health Economics and Management, Economic growth and development, public finance, international trade, behavioral finance and behavioral economics, banking governance, forest accounting, agricultural economics, industrial economics, Input-output economics, Energy Economics, Financial Geography, Mental Health issues in social sciences, Industrial Water Pollution,

Operational Risk in Non-Financial Companies, Labor Market Issues, Inter-disciplinary areas etc.

**Teaching interest:**

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Mathematical Economics, Industrial Economics, Micro Economics, Macro Economics, Public Finance and Fiscal Policy, Economic Statistics, Mathematical Statistics, Principles of Economics, Economics of Growth-Development-Planning, Indian Economics, Management principles, Security Analysis and Portfolio Management (Finance), Indian Philosophy. Econometrics, International trade and Balance of Payments, Money Banking and Financial Markets, Advanced Financial Management, International Finance and Project Appraisal, Quality Control, Advanced Econometrics, Fundamentals of Finance and Accounts.

Referred Publications:

[SCOPUS](#): Citations: 35; H-index: 2

[Google Scholar](#): Citations: 94; H-index: 4

## Courses

### Courses Taught:

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ECON F313: Issues in Economic Development

ECON F412/FINF313: Security Analysis and Portfolio Management

ECON F315: Financial Management

ECON F244: Economics of Growth and Development

FIN F414: Financial Risk Analysis and Management ECON

F413: Financial Engineering

ECON F242: Micro economics

ECON F243: Macro Economics

ECON F312: Money Banking and Financial Markets

ECON F311: International Trade and Balance of Payments

ECON F341: Public Finance Theory and Policy

ECON F211: Principles of Economics

ECON F212: Fundamentals of Finance and Accounts

ECON F241: Econometrics Methods

ECON F214: Economic Environment of Business

Mathematical Micro economics, Indian Economics, Computational Business Economics

### Courses delivered as part of Pre PhD coursework:

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Engineering Economics; Economic and Financial Geography; International Finance; Advanced Econometrics; Transfer Pricing; Network Economics; Health Economics; Health Management (Included Ecological Health and Health Insurance); Organization Behavior; Forensic accounting; Quantitative Business Models; Research Methodology; Industrial Psychology; Insurance Economics; Ecological Economics; Mental Health Economics; Media Auditing; Mathematical Economics; Fraud Management; Churn Management; Revenue Assurance; Disaster Management; Cost Benefit Analysis; Resource Economics; Trade and Development; Project Appraisal; Methodologies in Financial Geography; Conflict Management; General Equilibrium and Sraffa; Energy Economics; Industrial Economics, Industrial Organization; And a few more since year 2006 as was expected of me.

## Sponsored Projects

### Completed:

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1. "ICT in Schools of Goa"  
Role: Co- Principal Investigator  
Funding Agency/Amount: BITS Seed Money Project, Rs. 3.5 Lakhs
2. "Mining Closure, Economic Disruption & Local Level Sustainability: A Case Study of Goa,India"  
Role: Co- Principal Investigator  
Funding Agency/Amount: Indian Council of Social Science Research, New Delhi, Rs. 9 Lakhs

### Sent for Consideration:

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1. "Head Butting in Soccer and its effects on Potential Schizophrenia in later stages of life". Year: 2020
2. "How to incorporate qualitative variables into growth model" Year: 2020
3. "Cashew cultivation: complexities" Sent to Dr. Somnath Ghoshal, IIT Kharagpur, Co-investigator  
– Dr. P. Patil, Year: 2020
4. "Financing of MSMEs: Challenges and Constraints" – Project sent to NSE-NYU Stern Initiative on the Study of Indian Financial Markets. PI - Debasis Patnaik; Co-Investigator- Babitha Viswanath. Amount: USD7500/-
5. "Relationship between firm ownership structure and liquidity in the secondary market - Evidence from India" - Project sent to NSE-NYU Stern Initiative on the Study of Indian Financial Markets. PI - Babitha Viswanath; Co-Investigator- Debasis Patnaik. Amount: USD7500/-
6. "Environment and Social Responsibility of Higher Education Institutions in the States of Goa and Telangana in the light of Sustainability' on Invitation of IQAC Research Committee, Sarojini Naidu Vanita Mahavidyalaya. PI - Babitha Viswanath; Co-Investigator- Debasis Patnaik. (Submitted on January 24, 2023). Amount: Rs. 3 Lakhs
7. "Applications of Supervised Machine Learning Algorithms to Analyze the Drivers of Early-Stage Entrepreneurial Activities in India: The Role of Socio-cognitive Traits and Institutional Environments" Reference No: 132022008402. (Saved Date: October 06, 2022). [SERB Qualified Unique Identification Document: SQUID-1976-AM-1161]. PI - Prof Aswini Kumar Mishra; Co Investigators- Dr Rajorshi Sengupta, Dr Richa Shukla, Dr Debasis Patnaik. Budget: Rs 18.63 Lakhs (approximate)

## Publications

### Research and Publications:

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ORCID: <https://orcid.org/0000-0002-7522-3802>

SCOPUS ID: <https://www.scopus.com/authid/detail.uri?authorId=57116167000>

### Journal Articles

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- Baral, R., Patnaik, D. (2022). Bank efficiency and governance: Evidence from Indian banking. *Journal of Management and Governance*. 10.1007/s10997-021-09610-9. [[Scopus Indexed](#)] Change. *International Journal of Advance Research (IJOAR)*. 1(8), 1-20. 10.21474/IJAR01. [[Google Scholar/PubMed](#); EN-ISSN: 2320-5407 (online); ISSN: 2454-132X]
- Baral, R., Manogna, R.L., Patnaik, D., Mishra, A.K. (2022). Does increase in female representation on boards impact banks' value: a case of an emerging economy. *International Journal of Business Governance and Ethics*. 16(3), 292-316. 10.1504/IJBGE.2022.123678. [[Scopus Indexed](#); H-index: 17; Impact Score: 1.52; SJR: 0.295]
- Amonkar, R., Roy, V., Patnaik, D. (2021). Intermodal service supply chain and seaport logistics performance. *Supply Chain Forum*. 22(2), 171-187. 10.1080/16258312.2021.1895677. [[Scopus Indexed](#); H-index: 18; Impact Score: 4.29; SJR: 0.7]
- Amonkar, R.V., Sengupta, T., Patnaik, D. (2020). OCTO SCM: optimizing iron ore supply chain exports. *Emerald Emerging Markets Case Studies*. 10(4), 1-21. 10.1108/EEMCS-04-2020-0129. [[Scopus Indexed](#); H-index: 7; Impact Score: 0.21; SJR: 0.225]
- Amonkar, R.V., Sengupta, T., Patnaik, D. (2021). OCTO SCM: assessment of determinants of seaport logistics for the export supply chain of agricultural products. *Emerald Emerging Markets Case Studies*. 11(3), 1-18. 10.1108/EEMCS-02-2021-0036. [[Scopus Indexed](#); H-index: 7; Impact Score: 0.21; SJR: 0.225]
- Amonkar, R.V., Sengupta, T., Patnaik, D. (2021). Yorokobi: assessment of determinants of seaport logistics for the export supply chain of pesticides. *Emerald Emerging Markets Case Studies*. 11(3), 1-133. 10.1108/EEMCS-02-2021-0045. [[Scopus Indexed](#); H-index: 7; Impact Score: 0.21; SJR: 0.225]
- Baral, R., Naik, S.P., Patnaik, D. (2021). Macro-financial analysis of value-at-risk from banking stocks in an Indian scenario. *International Journal of Business Continuity and Risk Management*. 11(4), 379-396. 10.1504/IJBCRM.2021.119943. [[Scopus Indexed](#); H-index: 4; Impact Score: 0.36; SJR: 0.146]
- Baral, R., Patnaik, D. (2021). Banking Governance Parameters Differentiated by size: Impact on Agency Cost. *Indian Journal of Corporate Governance*. 14(1), 86-109. 10.1177/09746862211007041. [[Scopus Indexed](#); H-index: 9; Impact Score: 0.85; SJR: 0.21]
- D'Sa, S., Patnaik, D., Acham, V., Jadhao, S. (2021). Correspondence between Technology Options Available for Chemical Industries and the Levels of the Waste Management Hierarchy: A Case Study Approach. *Nature Environment and Pollution Technology*. 20(4), 1733-1740.

0.46488/NEPT.2021.v20i04.038. [Scopus Indexed; H-index: 13; Impact Score: 0.53; SJR: 0.169]

- Debasis, P. & Potluri, J. (2014). Economics of Education: Inequality in Primary Education in Districts of Andhra Pradesh- A Principal Components Study. International Journal of Management, IT and Engineering. 3(12). [EBSCO/Google Scholar; ISSN-2249-0558]
- Duppati, G., Rao, N.V., Matlani, N., Scrimgeour, F., Patnaik, D. (2020). Gender diversity and firm performance: evidence from India and Singapore. Applied Economics. 52(14), 1553-1563. 10.1080/00036846.2019.1676872. [Scopus Indexed; H-index: 91; Impact Score: 2.01; SJR: 0.563]
- Henriques, M., & Patnaik, D. (2019). An assessment of the effect of alcoholic parents on the behavior and wellbeing of scheduled castes and scheduled tribe children. International Journal of Basic and Applied Research. 9(5), 1279-1288. [EBSCO/Google Scholar/Thomson and Reuters]; Impact Score: 5.960]
- Jain, S., Patnaik, D., Gopal, R. & Vani, K. (2018). Security Aspects in the Block Chain. Research Review International Journal of Multidisciplinary Research. 3(10). ISSN:2455-3085. [UGC CARE LIST; ISSN - 2640-7272]
- Kumar, A., Mishra, A K., & Patnaik, D. (2020). National Health Policy, 2017- A Milestone towards Health Security in India? Some Annotations. Journal of Social Sciences. 60(1-3), 21-27. 10.31901/24566756.2019/60.1-3.2254. [Scopus Indexed, Q2; H-index: 27]
- Kumar, A., Mishra, A.K., Patnaik, D. (2020). Current state of healthcare in India: A critical appraisal of the national health protection scheme and way forward. Journal of Sociology and Social Anthropology. 11, 100-109. 10.31901/24566764.2020/11.1-2.347. [Scopus Indexed; H-index: 44; Impact Score: 1.27; SJR: 0.463]
- Patnaik, D. & Dahia, K. (2019). Can Economic Entropy be Integrated into IT and Human Systems? International Journal of Latest Trends in Engineering and Technology. 13(2), 2319-3778. <http://dx.doi.org/10.21172/1.132.17e>-ISSN:2278-621X. [PubMed/Crossref/ROAD/Copernicus; ICV - 7.39/10; ICV - 77.02/100]
- Patnaik, D. & De Sa, S. (2022). A New Indicator to measure the waste Valorization Potential of Industrial Wastewaters of Chemical Industries. Indian Journal of Environmental Protection. 42(2), 131-141. [Scopus Indexed, Q4 ; H-index: 20; Impact Score: 0.20; SJR: 0.137]
- Patnaik, D. & Ganguly, D. (2022). Interrogating Human security and Insurgency situation in the North East: Looking through the lens of Act East policy. Indian Journal of Human Development. Manuscript ID- IJHD-2022-0690. [Scopus Indexed; H-index: 9; Impact Score: 0.97; SJR: 0.196]
- Patnaik, D. & Goel, R. (2016). Impact of Foreign Aid on Growth of African Nations. Journal of Economics and Finance. 7(1), 1-9 DOI:10.9790/5933-071. [Scopus Indexed; Impact Score: 0.85; SJR: 0.285]
- Patnaik, D. & Siddharth, U. (2019). Application with Implications of Log -Periodic Trends to Financial Bubbles: A case for Econophysics. International Trends in Engineering and Technology. 67(5), 115-123. [Scopus Indexed /Google Scholar; Impact Score: 4.490]
- Patnaik, D. & Surendra, A. (2016). A Hedonic pricing technique to Valuation of Biodiversity in Mining Analysis in Goa by notified on 16 June 2016. International Journal in Advanced Research

in Management and Social Sciences. 5(5). [\[ISSN: 2278-6236\]](#)

- Patnaik, D. & Umakanth, M. (2018). Preference formation for Effective Economic Decision Making at Grassroots. Journal of Emerging Technologies and Innovative Research. 5(9). [\[UGC CARE LIST\]](#); [Impact factor:7.85](#); [ISSN-2349-562](#).
- Patnaik, D. & Yaji, V. (2018). Assessing the Effects of Tax Elasticity on Government Spending. International Journal of Engineering and Management Research. 8(5), 70-76. DOI: [doi.org/10.31033/ijemr.8.5.8](https://doi.org/10.31033/ijemr.8.5.8). [\[UGC CARE LIST\]](#); [ISSN 2250-0758 \(online\)](#)
- Patnaik, D. (2002). Constitution of Man - The Key to Global Harmony through Global Planning of Productive Employment and Economic Freedom. Journal of Indian Council of Philosophical Research. 20, 7-14. [\[Scopus Indexed\]](#); [H-index: 31](#); [Impact Score: 0.85](#); [SJR: 0.188](#)
- Patnaik, D. (2014). Searching for an Alternative Information System: The Demolition of Caste. International Journal of Engineering Research and Management. 1(4), 56-60. [\[DRJI/DOAJ/Reddit/Scribd\]](#)
- Patnaik, D. (2015). Theorizing change in artificial intelligence: inductivizing philosophy from economic cognition processes. AI and Society. 30(2), 173-181. [10.1007/s00146-013-0524-5](#). [\[Scopus Indexed\]](#); [H-index: 33](#); [Impact Score: 2.87](#); [SJR: 0.59](#)
- Patnaik, D. (2015). Understanding the Forward and Backward Linkages in Banking Sector: Application of Input-Output Method. Journal of Banking, Information, Technology and Management. 12(1), 110-113. [\[SJIF/ISSN-P-0972-902X\]](#)
- Patnaik, D. (2019). Assessment of economic growth: Aspects and prospects in South Pacific Countries till 2015. Journal of Accounting and Finance. 33(1), 23-32. [\[COPE -AM00066\]](#); [H-index: 52](#); [Impact Score: 2.87](#); [SJR: 0.669](#)
- Patnaik, D., & Kaushik, H. (2015). Credit Rating Analysis in Emerging Markets'. Journal of Accounting and Finance. 28(2), 100-108. [\[COPE -AM00066\]](#); [H-index: 52](#); [Impact Score: 2.87](#); [SJR: 0.669](#)
- Patnaik, D., & Madhulekha. (2014). Australian Capital Gains and Commodity Taxes in China: Impact on Investor Behavior and Revenue Earnings. China-USA Business Review. 13(6), 384-390. [\[Scopus Indexed\]](#); [H-index: 10](#); [Impact Score: 0.13](#); [SJR: 0.103](#)
- Patnaik, D., & Mandadi, P. (2014). Application of Pharma Economic Evaluation Tools for Analysis of Medical Conditions: A Case Study of an Educational Institution in India. International Journal for Research in Emerging Science and Technology. 1(3), 21-30. [\[Google Scholar/Index Copernicus\]](#); [SJR: 0.121](#)
- Patnaik, D., & Suman, S. (2014). Algorithmic Finance Approach in Media Stock Analysis'. American Journal of Engineering Research (AJER). 3(8), 13-36. [\[DOAJ/Copernicus/Google Scholar/EBSCO/Open J Gate\]](#); [Impact Score: 7.2](#)
- Shaikh, S., Fernandes, M J., & Patnaik, D. (2020). An investigation of impact of volatility and benchmark index returns on ETF returns. International Journal of Mechanical and Production Engineering Research and Development. 10(1), 1039-1048. [\[Scopus Indexed\]](#); [Impact Score: 0.744](#)

- Yadav, S.L., Vishwanath, B., Patnaik, D. (2020). Do health care companies of India fulfil government's new orientation towards CSR activities: A special consideration towards maternal health. *Journal of Health Research*. 34(1), 31-41. 10.1108/JHR-01-2019-0014. [\[Scopus Indexed; H-index: 7; Impact Score: 0.94; SJR: 0.262\]](#)

## Conference Publications

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- Henriques, M.L., Patnaik, D. (2022). Ordinal Logistic Regression Analysis to Assess the factors that Affect Financial Incentives of Person's with Parkinson's Disease. 2022 IEEE International Humanitarian Technology Conference, IHTC 2022, 39–44. doi: 10.1109/IHTC56573.2022.9998361. [\[Scopus Indexed; H-index: 296; Impact Score: 15.21; SJR: 4.678\]](#)
- Patnaik, D., Mehta, D., Shaikh, S.M. (2022). Linkages between news and dividend decisions using neural networks. 2022 Interdisciplinary Research in Technology and Management (IRTM), Kolkata, India, 1-7, doi: 10.1109/IRTM54583.2022.9791672. [\[Forthcoming Issue - Scopus Indexed; Impact Score: 0.83; SJR: 0.271\]](#)
- Patnaik, D., Sudhir, P.R., Suresh, D. (2022). Operational Risk in Semiconductor Fabrication Using Binary Classification Algorithms and Monte Carlo Simulation, a Systemic Review. 2022 Interdisciplinary Research in Technology and Management (IRTM), Kolkata, India, 1-6, doi: 10.1109/IRTM54583.2022.9791608. [\[Forthcoming Issue - Scopus Indexed; Impact Score: 0.83; SJR: 0.271\]](#)
- Patnaik, D., Henriques, M., Laurel, A. (2022). Prediction of Parkinson's Disorder: A Machine Learning Approach. 2022 Interdisciplinary Research in Technology and Management (IRTM), Kolkata, India, 01-03, doi: 10.1109/IRTM54583.2022.9791490. [\[Forthcoming Issue - Scopus Indexed; Impact Score: 0.83; SJR: 0.271\]](#)
- D'Sa, S., Patnaik, D. (2022). The Waste Hierarchy: The order followed by the Indian Chemical Industry to reduce industrial wastewater pollution. 2022 Interdisciplinary Research in Technology and Management (IRTM), Kolkata, India, 1-5, doi: 10.1109/IRTM54583.2022.9791620. [\[Forthcoming Issue - Scopus Indexed; Impact Score: 0.83; SJR: 0.271\]](#)
- Bhardwaj, V., Bhavsar, P., Patnaik, D. (2022). Forecasting GDP per capita of OECD countries using machine learning and deep learning models. 2022 Interdisciplinary Research in Technology and Management (IRTM), Kolkata, India, 1-6, doi: 10.1109/IRTM54583.2022.9791714. [\[Forthcoming Issue - Scopus Indexed; Impact Score: 0.83; SJR: 0.271\]](#)
- Patnaik, D., Gupta, A., Henriques, M.L. (2022). An Empirical Analysis of Anxiety and Depression During COVID-19. 2022 Interdisciplinary Research in Technology and Management (IRTM), Kolkata, India, 1-4, doi: 10.1109/IRTM54583.2022.9791544. [\[Forthcoming Issue - Scopus Indexed; Impact Score: 0.83; SJR: 0.271\]](#)
- Patnaik, D., Yadav, S.L., Rajderkar, N.P. (2022). Use of Principal Components Analysis to Identify Relevant Health Care Parameters Among Nursing Staff on Satisfaction Perception of Health Care Services in Selected Hospitals of Goa. 2022 Interdisciplinary Research in Technology and Management (IRTM), Kolkata, India, 1-5, doi: 10.1109/IRTM54583.2022.9791597. [\[Scopus Indexed\]](#)



- Patnaik, D. & Jain, S. (2021). Multi Layered Approach based on Real Time Data: Hybrid Approach to deal with Credit Card Frauds. Proceedings of the International Conference on Interdisciplinary Research in Technology & Management (IRTM 2021), 39-44.- [Scopus-Taylor and Francis](#)] [Impact factor 0.83-SJR-0.271; Group-3.6. all life taylor and francis1.044](#)
- Joshi, A., Gandhi, G., Shaikh, S. M., & Patnaik, D. (2021). Dynamic Analysis between ETF and underlying asset using tracking error. Proceedings of the International Conference on Interdisciplinary Research in Technology & Management (IRTM 2021), (pp. 453-457). DOI: 10.1201/9781003202240. [\[Scopus Indexed; Impact Score: 0.83; SJR: 0.271\]](#)
- Patnaik, D., Kanumuri, S. & Rath, P.K. (2019) Sustainable Development of Tourism in Goa-India Using GIS-18th International Union of Anthropological and Ethnological Studies (IUAES) World Congress Conference Proceedings-pp-1460-1484 A-D. July16-20 2019. Florianopolis.
- Patnaik, D., & Datta, R (2018) Environmental Engineering to Mitigate Environmental Pollution in Goa with special focus on Iron Ore Mining- Proc. of the Sixth Intl. Conf. Advances in Bio-Informatics, Bio-Technology and Environmental Engineering-Published by Institute of Research Engineers and Doctors, USA -ISBN:978-1-63248-148-1; doi: 10.15224/978-1-63248-148-1-38.
- Patnaik, D. (2020) Economic Growth in Thailand, Bangladesh, Goa and Kerala at Lebua Towers, Bangkok, Thailand on 14-15March2020.-Published in Annual Conference Proceedings. *Google Scholar*
- Patnaik, D. (2014) Developing an Innovation Management Framework for Measuring Creativity in Research Design Proceedings in Conference Volume of Innovation Management (Theme: relevance of Business Research Results to Industry), Global Institute of Applied Business research (GIABR), Auckland, New Zealand- edited by Gonuguntla, S-ISSN No.2324-5832, Vol-1, No-1, pp-103-112.
- Patnaik, D. & Tiwari, U (2016) Portfolio Optimization Using Value at Risk: assessment Using Historical Simulation Method for Energy Stocks in 2016 International conference Proceedings on Mathematical, Computational and Statistical Sciences and Engineering, pp-115-119; ISBN-978-160595-396-0. Shengen, China'. [\[Web of Science\]](#)
- Patnaik, D. & Asija, A (2013) Contrarian and momentum Trading- Proceedings in Behavioral Finance and Economics Conference, Los Angeles. [\[Scopus Indexed\]](#)
- Patnaik, D., Asija, A, Joshi, R.P. (2012) Modeling Self Esteem in Behavioral Finance, Proceedings in 12th Annual Behavioral Finance Conference held in New York, USA, 19-21 September 2012. [\[EMPIRICUS\]](#)
- Patnaik, D. & Devika (2010) Electricity Sector in Madhya Pradesh, India-38th Conference Proceedings of Regional Science, Glasgow. [\[Web of Science\]](#)
- Patnaik, D. & Thampi, G. (2010) Kuznets Curve Analysis of Different Countries-38th Conference Proceedings of Regional Science, Glasgow. [\[Web of Science\]](#)
- Patnaik D. & Jagota, S. (2018). Measuring the Impact of various factors on crop Yield in Himachal Pradesh with special reference to Fertilizer Use. (101st) Annual Conference of the Indian Economic Association held in Vellore Institute of Technology, Vellore during 27th to 29th December 2018 IEA Publication. [\[UGC CARE LIST\]](#)

- Yadav, S. L., & Patnaik, D. (2021). Nurses' Perception as a Behavioral Factor Reveals Efficiency in Documentation as a Healthcare Provider in Selected Government Hospitals of Goa. In: Chakrabarti, S., Nath, R., Banerji, P.K., Datta, S., Poddar, S., & Gangopadhyaya, M. (eds.) Interdisciplinary Research in Technology and Management (1st ed.). Taylor and Francis CRC Press.- [\[Scopus Indexed; Impact Score: 0.83; SJR: 0.271\]](#)
- Yadav, S. L., & Patnaik, D. (2021). Health Care Provider Perception Towards Disaster Preparedness in Goa. In: Chakrabarti, S., Nath, R., Banerji, P.K., Datta, S., Poddar, S., & Gangopadhyaya, M. (eds.) Interdisciplinary Research in Technology and Management (1st ed.) Taylor and Francis. CRC Press. 115-121. [\[Scopus Indexed; H-index: 296; Impact Score: 15.21; SJR: 4.678\]](#)
- Patnaik, D., & Swain, R. (2018). Governance of Central Banks Across the World. Proceedings in 12th World Congress: Spatial Systems, Social Integration, regional Development and Sustainability. Publisher-Regional Science Association International. 797-803. [\[Web of Science, Q1; H-index: 51\]](#)
- Ganguly, D., & Patnaik, D. (2018). H221 Conceptualizing Economic Underdevelopment and Insurgency Nexus: Case Studies of Assam, Manipur and Nagaland. Proceedings in 12th World Congress on Regional Science: Spatial Systems, Social integration, Regional Development and Sustainability. Publisher- Regional Science Association International. 214-223. [\[Web of Science, Q1; H-index: 51\]](#)
- Sudhir P R, Debasis Patnaik (2018) Economic Determinants of Country Risk in South Asian Countries-Proceedings in 12th World Congress: Spatial Systems, Social Integration, Regional Development and Sustainability Publisher-Regional Science Association International, 840-843. [\[Web of Science, Q1; H-index: 51\]](#)
- D' Sa, S., & Patnaik, D. (2021). Waste Management Hierarchy as an Instrument of Subsumption of the Accounting Approach to Waste Valorization of Industrial Effluents. In: Chakrabarti, S., Nath, R., Banerji, P.K., Datta, S., Poddar, S., & Gangopadhyaya, M. (eds.) Interdisciplinary Research in Technology and Management (1st ed.). CRC Press. Taylor and Francis. [\[Scopus Indexed; Impact Score: 0.83; SJR: 0.271\]](#)
- Patnaik, D., & Jain, S. (2021). Assessing the Implications of Digital Media Piracy in India. In: Chakrabarti, S., Nath, R., Banerji, P.K., Datta, S., Poddar, S., & Gangopadhyaya, M. (eds.) Interdisciplinary Research in Technology and Management (1st ed). CRC Press. Taylor and Francis. [\[Scopus Indexed; Impact Score: 0.83; SJR: 0.271\]](#)
- Amonkar, R. & Patnaik, D. (2022). Block-chain integrated with Internet-of-Things: A solution for seaport logistics of the export supply chain of perishable agricultural products. The Asian Logistics round Table (ALRT) 2022 conference at Inha University, Incheon, South Korea September 6, 2022.
- Yadav, S. L. & Patnaik, D. (2021). Responsiveness Perception by Clients towards Health Care Providers in selected hospitals in Goa. Presented at M S Gore Centenary Conference at Tata Institute of Social Sciences (TISS) on December 19, 2021.
- Mavis, H. & Patnaik, D. (2021). Neuropsychiatric symptoms in Parkinson's Disease. Presented at 3rd International Conference on "Health-care and Well-being: Current Trends and Challenges Virtual Conference, IMHRC-Lucknow on October 30-31, 2021.

## Books

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- K. Mishra, V Arunachalam & D Patnaik (Eds.) (2021) Critical Perspectives on Emerging Economies: An International Assessment, Published by Springer Nature. ISBN-13:978-3-030-59780-1. [[Scopus Indexed](#)]
- D Patnaik, Parashram Patil (2020). Forest Accounting (Forest Ecosystem Services)-Himalayan Publishing House-Mumbai. ISBN-978-93-90515-42-4-
- D Patnaik (2020). Discovering Policy Imperatives for Industrial Development-Blue Rose Publishers, New Delhi. ISBN- 9789390396306
- K. Mishra, V Arunachalam & D Patnaik (Eds.) (2018) Current Issues in the Economy and Finance of India-ICEF 2018, Published by Springer nature. ISBN-13: 978-3319995540. [[Scopus Indexed](#)]
- Patnaik, D. (2011). Productivity, Growth and Dispersal of Industries. New Delhi: Discovery Publishing House. ISBN 10: 8183568181/ISBN 13:9788183568180

## Book Chapters

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- Baral, R., Patnaik, D. (2020). Influence of Board Composition on Agency Cost and Its Governance Outcomes. Accounting, Finance, Sustainability, Governance and Fraud. 123-147. 10.1007/978-3-030-60008-2\_9. [[Scopus Indexed](#); [H-index: 28](#); [Impact Score: 0.49](#); [SJR: 0.309](#)]
- Mishra, A.K., Arunachalam, V., Patnaik, D. (2021). Preface. Contributions to Economics. v-viii. [[Scopus Indexed](#); [H-index: 28](#); [Impact Score: 7.89](#); [SJR: 0.309](#)]
- Mishra, A.K., Arunachalam, V., Patnaik, D. (2018). Preface. Springer Proceedings in Business and Economics. v-vi. [[Scopus Indexed](#); [H-index: 28](#); [Impact Score: 7.89](#); [SJR: 0.309](#)]
- Yadav, S.L., Bhardwaj, V., Patnaik, D., Noronha, C. (2022). Perception Towards Infection Control Measures Among Health Care Providers Working in Selected Hospitals of Goa. In: Ratan, J.K., Sahu, D., Pandhare, N.N., Bhavanam, A. (eds) Advances in Chemical, Bio and Environmental Engineering. CHEMBIOEN 2021. Environmental Science and Engineering. Springer, Cham. 541-550. [https://doi.org/10.1007/978-3-030-96554-9\\_36](https://doi.org/10.1007/978-3-030-96554-9_36). [[Scopus Indexed](#); [H-index: 28](#); [Impact Score: 3.164](#)]
- De'sa, S., & Patnaik D. (2020). 'The Impact of the Pharmaceutical Industry of Hyderabad in the Pollution of the Godavari River' in Bandyopadhyay, S., Magsi, H., Sen, S., Ponce Dentinho, T. (Eds.) Water Management in South Asia. Springer. [[Scopus Indexed](#); [H-index: 28](#); [Impact Score: 1.26](#)]
- Tiwari, D., & Patnaik, D. (2015). 'Understanding Technical Progress in India Industry in an I-O Framework' in Somayajulu (ed.) Indian Economy and Economic Reforms in Inter Industry Economics Frameworks: Studies of Newly Emerging Sectoral Impacts. Himalaya Publishing House. [[H-index: 12](#); [SJR: 0.129](#)]
- Patnaik, D. (2013). 'I-O Structure in Goa' in Somayajulu (ed.) Input Output Analysis. Sage Publications. [[Scopus Indexed](#); [H-index: 41](#); [Impact Score: 2.2](#)]

- Patnaik, D. (2013). 'Finite dynamic system building in relations in stock market returns' in Somayajulu (ed.) Input Output Analysis. Sage Publications. [\[Scopus Indexed; H-index: 41; Impact Score: 2.2\]](#)
- Patnaik, D. (2013). 'CSR and Mental Health-in' in Gaonkar, R. & Chari, V. (eds.) Corporate Social Responsibility. APH Publishing Corporation. 10.1155/2714-2017-6.07. [\[Corporate Responsibility Index; ISSN:2314-7784 online; ISSN 2356-6868 Print\]](#)
- Patnaik, D. (2002). 'Role of Remote Sensing and GIS Techniques in Regional Economic Development' in Mohapatro, A.C. (ed.) Problem of North-East. [\[Scopus Indexed\]](#)
- Patnaik, D. (2020). Looking at Industrial Growth through the Lenses of Productivity and Equity. 118-135- in '2030 Agenda for Sustainable Development, Issues and Challenges, ed by Dr Sukanta K Nanda-pub-Law Publishing house.
- Yadav, S.L., Patnaik, D., Dutta, S. (2023). Health care service quality: A comparison of satisfaction perception among public and private hospital clients in selected districts of Goa. In: Chakrabarti, S., Sakib, A.A., Singh, R., Banerji, P.K., Poddar, S., Bhattacharya, A., Gangopadhyaya, M., and Chakraborty, S. (eds). Proceedings of the International Conference on Interdisciplinary Research in Technology and Management (IRTM, 2022), 24-26th February 2022, Kolkata, India, 221-227, ISBN 9781032416267, CRC Press. [\[Forthcoming Issue \(March 2023\) - Scopus Indexed; Impact Score: 0.83; SJR: 0.271\]](#)
- Henriques, M.L., Patnaik, D., Laurel, A. (2023). Knowledge and beliefs: A relational study on compliance to medication and physical exercise in Parkinson's. In: Chakrabarti, S., Sakib, A.A., Singh, R., Banerji, P.K., Poddar, S., Bhattacharya, A., Gangopadhyaya, M., and Chakraborty, S. (eds). Proceedings of the International Conference on Interdisciplinary Research in Technology and Management (IRTM, 2022), 24-26th February 2022, Kolkata, India, 259-264, ISBN 9781032416267, CRC Press. [\[Forthcoming Issue \(March 2023\) - Scopus Indexed; Impact Score: 0.83; SJR: 0.271\]](#)
- Patnaik, D., Sudhir P.R, (2023). Operational risk in airlines. In: Chakrabarti, S., Sakib, A.A., Singh, R., Banerji, P.K., Poddar, S., Bhattacharya, A., Gangopadhyaya, M., and Chakraborty, S. (eds). Proceedings of the International Conference on Interdisciplinary Research in Technology and Management (IRTM, 2022), 24-26th February 2022, Kolkata, India, 288-295, ISBN 9781032416267, CRC Press. [\[Forthcoming Issue \(March 2023\) - Scopus Indexed; Impact Score: 0.83; SJR: 0.271\]](#)
- Patnaik, D., Vishwanath, B., Shaikh S.M, (2023). Performance of initial public offers in India – long- and short-term returns. In: Chakrabarti, S., Sakib, A.A., Singh, R., Banerji, P.K., Poddar, S., Bhattacharya, A., Gangopadhyaya, M., and Chakraborty, S. (eds). Proceedings of the International Conference on Interdisciplinary Research in Technology and Management (IRTM, 2022), 24-26th February 2022, Kolkata, India, 296-304, ISBN 9781032416267, CRC Press. [\[Forthcoming Issue \(March 2023\) - Scopus Indexed; Impact Score: 0.83; SJR: 0.271\]](#)
- Yadav, S.L., Patnaik, D., Bhardwaj, V., (2023). Satisfaction perception of clients on responsiveness by health care providers in selected hospitals of Goa. In: Chakrabarti, S., Sakib, A.A., Singh, R., Banerji, P.K., Poddar, S., Bhattacharya, A., Gangopadhyaya, M., and Chakraborty, S. (eds). Proceedings of the International Conference on Interdisciplinary Research in Technology and Management (IRTM, 2022), 24-26th February 2022, Kolkata, India, 316-322, ISBN 9781032416267, CRC Press. [\[Forthcoming Issue \(March 2023\) - Scopus Indexed; Impact Score:](#)

0.83; SJR: 0.271]

- D'sa, S., Patnaik, D. (2023). Valorization potential of the levels of the waste management hierarchy: Industrial wastewater management in the Indian chemical industry. In: Chakrabarti, S., Sakib, A.A., Singh, R., Banerji, P.K., Poddar, S., Bhattacharya, A., Gangopadhyaya, M., and Chakraborty, S. (eds). Proceedings of the International Conference on Interdisciplinary Research in Technology and Management (IRTM, 2022), 24-26th February 2022, Kolkata, India, 359-365, ISBN 9781032416267, CRC Press. [\[Forthcoming Issue \(March 2023\) - Scopus Indexed; Impact Score: 0.83; SJR: 0.271\]](#)
- D'sa, S., Patnaik, D. (2023). Waste Management Hierarchy as an Instrument of Subsumption of the Accounting Approach to Waste Valorization of Industrial Effluents. In: Chakrabarti, S., Sakib, A.A., Singh, R., Banerji, P.K., Poddar, S., Bhattacharya, A., Gangopadhyaya, M., and Chakraborty, S. (eds). Proceedings of the International Conference on Interdisciplinary Research in Technology and Management (IRTM, 2022), 24-26th February 2022, Kolkata, India, 481-486, ISBN 9781032416267, CRC Press. [\[Forthcoming Issue \(March 2023\) - Scopus Indexed; Impact Score: 0.83; SJR: 0.271\]](#)

## PhD Students (Ongoing & Completed) & First-Degree Thesis

### Awarded

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**1. Mr. Anil Kumar**

ID: 2013PHXF0509G

Thesis Title: *Differentials in Health Care services, the Burden of Healthcare and the Need for Comprehensive Social Health Insurance: Evidence from the State of Bihar in India*

PhD Defense Date: 02.11.2020

**2. Ms. Riyanka Baral Swain**

ID: 2015PHXF0007G

Thesis Title: *An Anatomy of Banking Governance in India*

PhD Defense Date: 12.07.2021

**3. Mr. Raj Amonkar**

ID: 2014PHXF0007G

Thesis Title: *Supply Chain Collaboration across the Sea Port Logistics Network in India*

PhD Defense Date: 22.12.2021

### Thesis Submitted

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**1. Ms. Sandra D Sa**

ID: 2013PHXF0104G

Thesis Title: *Water Pollution from Industrial Effluents: Technological Options and Responses*

Submission Date: 22.07.2022 [Defense is Awaited]

**2. Ms. Shashi Lata Yadav**

ID: 2013PHXF0508G

Thesis Title: *Quality Assessment of HealthCare Services in Selected Hospitals of Goa*

Submission Date: 11.01.2023 [Defense is Awaited]

**3. Mr. Mavis Henriques**

ID: 2013PHXF0504G

Thesis Title: *Issues in Mental Health Dimensions for Incentivization*

Submission Date: 11.01.2023 [Defense is Awaited]

### Ongoing

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**1. Mr. Sameer M Shaikh**

ID: 2019PHXF0029G

Thesis Title: *Wealth Effects from Mergers & Acquisitions: A Spatial Analysis*

Proposal Acceptance: 24.05.2021

**2. Ms. Biswashree Tanaya Priyadarsini**

ID: 2020PHXF0058G

Thesis Title: *Impact of Renewable and Non-Renewable Energy intensity on Economic*

### *Growth for Sustainability*

Proposal Acceptance: 25.08.2022

#### **3. Mr. Sudhir PR**

ID: 2014PHXF0006G

Thesis Title: *Assessment and Mitigation of Operational and Technological Risk in Non-Financial and Financial Firms*

Proposal Acceptance: 12.01.2015 [Scholar will submit Thesis latest by May 15, 2023 as per Extension Granted. But probable date for Final submission could be March 31, 2023]

#### **International Projects done by Students (Collaboration)**

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- Rohan Gajendragadkar (ID: 2014B3A70415G) Off Campus: *Understanding Impact of Conflict on human Displacement in Afghanistan*. Guide - Prof Joshua Blumenstock, Department of Data Intensive development Lab, School of Information, University of California, Berkeley (AY 2018-19, Semester 2).
- Shivam Agarwal (ID-2014B3A70938G) Off Campus: *Market Research of Fashion Industry Using Artificial Intelligence*. Scotland Professor (AY 2018-19, Semester 2).

#### **First Degree Thesis completed by students**

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- Kshitiz Agarwal (ID2014B3A80794G) *Project Appraisal and Cost Benefit for Waste Water* (AY 2018-19, Semester 1).
- Samruddhi Bothara (2017B3A70766G) Off Campus Thesis - Market Research for Health care products: Analyzing Impact of Digital healthcare on Wellness Under Vichar Shroff-Burncare Health Pvt Ltd-6-IIM AMA Road-Ahmedabad

At least twenty students have completed FDT under my Direct (On Campus) Supervision.

## Training Programmes/Workshops Attended

- Participated in an invited talk on 'Competition Law and Its impact on Business in India' by Mr Anand Vijay Jha (ADG, Competition Commission, India) at BITS Pilani K K Goa Campus, Goa on 6<sup>th</sup> February 2019.
- Participated in a seminar on 'Currency Derivatives' by Mr Babu Aiholi Department of Economics at Goa University, Goa on 2<sup>nd</sup> April 2019.
- Attended seminar on 'Universal Basic Income' by Professor Maitreyee Ghatak of London School of Economics at ICG, Goa on 4<sup>th</sup> April 2019.
- Participated in 70th and 71st Round NSSO Surveys Results and Discussion on Situation assessment Survey on Agricultural Households, Land and Livestock Holdings and Debt & Investment (70th Round) and Social Consumption on Health and Education (71st round) organised by Department of Economics, Goa University on 11<sup>th</sup> – 12<sup>th</sup> September 2017.
- Participated in a talk on 'Effects of Demonetisation on Business & the Economy' organised by Goa Institute of Management at Tango Hall, Taj Vivanta, Panjim, Goa on 28<sup>th</sup> November 2017.
- Contributions in Masonic Activity in Hyderabad Lodge on 16-17 June, 2018 and J Krishnamurti discussions at Cuttack KFI on 21-22 June, 2018.
- Participated in Kosambi Lecture on 'Changing Frames and Framing Changes: The Significance of the History of Sciences' by Dhruv Raina, Professor of Science and Policy Studies at St Xavier 's College, Goa on 10<sup>th</sup> December 2018.
- Participated in Kosambi Lecture on 'Titrating the Historiography and Social Theory of History of Science and Mathematics' by Dhruv Raina, Professor of Science and Policy Studies at Goa University, Goa on 11<sup>th</sup> December 2018.
- Participated in a talk by Prof. Sri Hari on 'Predictive Modelling' organised by Department of Mathematics, BITS Pilani KK Birla Goa Campus on 11<sup>th</sup> February 2016.
- Participated in LSE Summit Sessions on Medical Ethics, Global Finance, and Civil Liberties at ICG- Cidade d Goa, Goa during 29<sup>th</sup> – 30<sup>th</sup> January 2016.
- Attended Workshop on MATLAB Demo organised by BITS Pilani KK Birla Goa Campus on 24<sup>th</sup> July 2015.
- Attended Workshop on MOOC organised by BITS Pilani Hyderabad Campus on 10<sup>th</sup> July 2015.
- Participated as a delegate in INS Hamsa Visit organized by the Deputy Director's Office, BITSPilani KK Birla Goa Campus on 11<sup>th</sup> December 2015.
- Disaster Management Training organised by Collectorate of Goa in the year 2005-06.



### Invited to Programmes for Talk/ Webinar/Lectures/Chair

- Guest Speaker for webinar on 'Three Sectors of Indian Economy and Covid-19' at Yogi Vemana University, Kadapa, Andhra Pradesh on 15<sup>th</sup> August 2020.
- Guest Speaker for webinar on 'Mental Health Issues during Covid-19' at Rama Devi Women's University, Bhubaneswar, Odisha on 18<sup>th</sup> September 2020.
- Conducted Webinar on 'Measure of Intelligence by Engineering students and Professionals working on Data Sciences' in Gujarat on 26<sup>th</sup>, 27<sup>th</sup> & 28<sup>th</sup> September 2020.
- Speaker for webinar on 'Research Methodology in Commerce and Management' at Yogi Vemana University, Kadapa, Andhra Pradesh on 10<sup>th</sup> October 2020.
- Resource person presentation on 'Pedagogical Interface of Natural Sciences and Social Sciences and Goa Reforms' on Invitation by Directorate of Higher Education, Government of Goa on 29<sup>th</sup> February 2020.
- Key Note Speaker on 'Banking Mergers' in One Day State-Level Seminar on 'Challenges and Reforms in the Indian Banking Sector' organised by Department of Economics, S.S. Dempo College of Commerce and Economics, Bambolim, Panjim, Goa on 18<sup>th</sup> January 2020.
- Key Note Speaker on 'Looking at Industrial Growth through Lenses of Productivity and Equity in India' at One Day International Conference on Law and Economic Development organised by Madhusudan Law College, Cuttack on 8<sup>th</sup> February 2020.
- Presented a Paper on 'Economic Growth in Thailand, Bangladesh, Goa and Kerala' at Lebua Towers, Bangkok, Thailand on 14<sup>th</sup> - 15<sup>th</sup> March 2020.
- Resource Person on 'Paradigm Shifts in Social Sciences - Pedagogical Learnings in the context of Reforms in Goa' organized by Directorate of Higher Education, Government of Goa on 24<sup>th</sup> February 2020.
- Lecture on the topic 'Technical Analysis Advanced' organised by NSE Academy on 27<sup>th</sup> November 2020.
- Resource Person and Presented 'Assessment of economic growth: Aspects and prospects in South Pacific Countries till 2015' at International Conference on Accounting, Finance and Business at RDA-Jaipur on 24<sup>th</sup> August 2019.
- Selected Member of National Advisory Committee of Rajasthan Development Association for International Conference at ICG, Goa on Current Issues in Finance, Accounting and Business on 23<sup>rd</sup> – 24<sup>th</sup> November 2019.
- Presented a One-hour Paper on 'Implications of Masonry' in Hyderabad Theosophical Society, Abids, Telangana on 17 February 2019.
- Presented Indian National Budget 2019-20's Fiscal Implications to Goa University students on 4<sup>th</sup> February 2019.
- Keynote Speaker on 'Tribal Education: A Holistic Perspective' at National Conference on Teaching Methodology for tribal Students at Kalinga Institute of Social Sciences (Deemed to be University and under Category of Institute of Excellence) on 27<sup>th</sup> September 2019.
- Chairman of Session on Health and presented a paper on 'Health Status of Tribal Women Across India with special Reference to Odisha' at National Conference on Teaching Methodology for Tribal Students at Kalinga Institute of Social Sciences (Deemed to be University and under Category of Institute of

Excellence) on 27<sup>th</sup> September 2019.

- Invited Speaker at International Congress on 'Societal Impact of Sciences Integrated into Research' at Oslo Metropolitan University, Norway from 27<sup>th</sup>-29<sup>th</sup> November 2019.
- Invited by Confederation of Indian Industry (CCI) on 1<sup>st</sup> February 2019 and part of Panel Discussion on Indian National Budget from 11 AM onwards at Panjim, Goa Office.
- Resource Person and Invited Speaker on 'Telecom Sector and Fraud' at National Conference at Government College of Commerce and Economics at Borda, Goa on 6<sup>th</sup> February 2019.
- Resource Person and Invited Speaker on 'Managerial Decision-Making Models' at National Conference at Government College of Commerce and Economics at Borda, Goa on 6<sup>th</sup> February 2019.
- Chaired a Session on 'ICT Efficiency' at National Conference at Government College of Commerce and Economics, Borda, Margao, Goa on 7<sup>th</sup> February 2019.
- Co-Chaired at Session on the theme 'Decent Jobs and Economic Growth - As Aspect of Sustainable Development Goals' at the International Conference organised by Madhu Sudan Law College, Cuttack on 9<sup>th</sup> February 2019.
- Key Note Speaker -Lecture on "Environmental Accounting" at Directorate of Higher Education, Dharwad, Karnataka on invitation from Government of Karnataka on 24<sup>th</sup> February 2019.
- Delivered a talk on 'Application of Historical Methods to Social Sciences Research at Directorate of Higher Education' at Higher Education Academy, Dharwad Campus, Karnataka on 25<sup>th</sup> February 2019.
- Co-Chair at National Conference on Issues and Challenges of Social Sector for Sustainable Development organised by Government College of Arts, Science and Commerce, Sanquelim during 1<sup>st</sup> March to 2<sup>nd</sup> March 2019.
- Key note speaker on the theme 'Tribal Education: Search for a Holistic Alternative at KISS Conference on 28<sup>th</sup> July 2018.
- Chief Guest at valedictory session for Research Event 'ANUSANDHAN-II' organised by Narayan Zantye College of Commerce, Bicholim, Goa on 24<sup>th</sup> February 2018.
- Chairman for Workshop for PNB Metlife Executives on 'Insurance Regulation and Instrument Elasticity' organised at BITS Pilani K K Birla Goa Campus, Goa in the year 2018.
- Chairman of Postal Panel Presentations at 12th World Congress on Regional Science by BITS Pilani K K Birla Goa Campus, Goa during 29<sup>th</sup> May to 1<sup>st</sup> June 2018.
- Chairman of Workshop Session on 'Relationship of Anthropology with Other Social Sciences' at Santa Catarina University at the World Congress of the International Union of Anthropological and Ethnological Sciences held in Florianopolis, Brazil on 18<sup>th</sup> July 2018.
- Chairman of Technical Session on 'Ecological Imbalances and Bio-Diversity and Role of Youth' in the National Conference on 'Ecological Imbalances in India' organised by College of Arts and Commerce, Gadag, Karnataka on 6<sup>th</sup> October 2018.
- Keynote speaker on 'Philosophizing Literature: Philosophizing Aurobindo through Fusion of Eastern and Western Literature' at International Conference on Comparative World Literature organised by Department of Philosophy, Goa University on 27<sup>th</sup> November 2017.

- Conducted Series of Management Development Programmes (MDP) for executives of PNB- MetLife on Insurance Elasticity and Regulation and Insurance Premiums for Rural India at BITS Pilani KK Birla Goa Campus, Goa during 2<sup>nd</sup> to 4<sup>th</sup> March, 2015 and on 12<sup>th</sup> February 2016.
- Delivered a three-hour lecture series on 'Balance of Payments-Accounting, Adjustments and Imbalances' at Goa Institute of Management, Goa on 10<sup>th</sup> January 2016.
- Delivered a three-hour lecture series on 'Money, Finance, Business Cycles and Monetary Policy' to Executive MBA candidates at Goa Institute of Management, Goa on 3<sup>rd</sup> January 2016.
- Delivered a three- hour lecture series on 'Trade Flows' at Goa Institute of Management, Goa on 24<sup>th</sup> January 2016.
- Speaker and Resource Person for Workshop on 'Data Dissemination on Education Sector collected for Census 2011: A Comparative Analysis' organised at Hotel Inn, Goa on 12<sup>th</sup> January 2016.
- Invited Panelist for PRME-Plenary for Responsible Management Education organized by Goa Panelist for PRME-Plenary for Responsible Management Education organized by Goa Institute of Management (GIM) at Hotel Vivanta, Panjim, Goa during 27<sup>th</sup> -28th November 2015.
- Resource person for a three- hour lecture series on 'Industrial economy of India' organised by Department of Economics, Goa University on 12<sup>th</sup> December 2015.
- Resource Person for 'Issues in Health Economics as a pointer to Development Analysis' at Administrative staff College, Goa University in the year 2015.
- Chair for Three Successive Sessions, Conference on 'Behavioral Economics and Finance' in Los Angeles during 16<sup>th</sup>-19<sup>th</sup> September 2014.
- Chaired Session on 'Economic Outcomes in Indo-US relations' in Indo-USA Conference on 'Changing Contours of Indo US Relations' during 31<sup>st</sup> October to 2<sup>nd</sup> November 2013.
- Lecture on 'Role of Labor Factor in Industrial Planning' at International Conference conducted by Department of Political Science, Goa University in the year 2012.
- Talk on 'Lights out? COVID-19 containment policies and economic activity' hosted by Dr Krishnan, CMIE on 23<sup>rd</sup> November 2020.
- External Faculty for the 30 hours 'GIM Executives Programme' on Macro-Economics at Goa Institute of Management Ribandar Campus, Goa during January-February 2015.
- Lecture on 'Philosophizing Literature: Philosophizing Aurobindo through Fusion of Eastern and Western Literature' in International Conference on Comparative World Literature at Goa University organized by Department of Philosophy on November 27, 2017.
- Presented paper in 70th and 71st Round NSSO Surveys Results and Discussion on Situation assessment Survey on Agricultural Households, Land and Livestock Holdings and Debt & Investment (70th Round) and Social Consumption on Health and Education (71st round) organized by Department of Economics, Goa University on September 11-12, 2017.
- Invited Speaker at International Congress on Societal Impact of Sciences Integrated into Research at Oslo Metropolitan University, Norway on November 27-29, 2019.
- Presented - 'Case Study on Energy Infrastructure for Smart Cities' as part of the Workshop Presentation In

The Workshop /Conference on 'Integrating Societal Impact in Research strategy' in the Univ of Copenhagen organized by AESIS as part of Univ Collaboration among Univ of Copenhagen, AARHUS, Finland, Univ of Stockholm, etc. from Nov 15-18 in Copenhagen, Denmark.

- Participated as Special Invitee by the Ministry of Corporate Affairs, Government of India to the Workshop on Corporate Governance conducted by Indian Institute of Corporate Affairs under the Ministry of Corporate Affairs, Government of India on December 1-2, 2016 at Hotel Ibis Styles, Goa. School of Corporate Governance and Public Policy conducted a CG Programme for Officials of Ministry of Corporate Affairs.
- Participated in seminar from Basal Academy Case Module on 'Unravelling the benefits of Gen 2.0 basal at initiation in T2D on June 29, 2022.
- Participated in 1-day National Seminar Economics on "Perspectives on India's Economic Development" in GBS, Goa University, August 27, 2022.
- Participated in Annual Kamath Helekar Lecture Series on "Fiscal Policy and Monetary Policy in Post Covid Scenario in India" from 3PM-5PM on 25th March 2022 in GBS Auditorium, Goa University.
- Participated by Invitation in a Seminar on World Trade Day 27th May 2022 at EDC 5th floor-Nalanda Hall.
- Participated in a Seminar on Goa's Global Trade Potential/Engineering Services Exports held in World Trade Centre, Panjim, Goa on December 22, 2021.
- Pyramid Survey discussions in February 2022 and March 2022.
- Data Science discussions on March 12, 2022.
- Case Study Approaches – Registered Participant in Workshop conducted By IIM Indore and organized by BITS Pilani from March 2-4.
- Delivered Lecture on "Existence, Relationship as a Mirror, Yoga" delivered at Bisweshwara Temple Ashram at Bhadrak, Odisha on March 20, 2022.
- Participated in Workshop on Mahalanobis Model in Goa Business School (GBS), GU on March 25, 2022.

## Administrative Responsibilities

- Member, MBA Com For Business Analytics Programme and Member, MBA Programme for Health Care Management for Correspondence PG Degree to be floated in MBA Department, BITS Pilani, Pilani Campus (as part of Prof Bindu Madhavan Group and Prof Leela Rani Group).
- Reviewed a Paper on “Women entrepreneurs” by Dr Rao of BITS Pilani. –Dubai Campus, Dept of Management for Approval for Presentation and Travel Funding by BITS-Dubai. This was sent to me by Prof Meenakshi Raman in December 2012-January 2013.
- Chairman, Committee for House Allotment for New Faculty, BITS Pilani, K K Birla Goa Campus in 2014-2015.
- Committee Members in successive International Conference on Economics and Commerce from 2017, 2018, and 2020.
- Convenor, International Conference on Regional Science 2018.
- Department Research Committee (DRC), Department of Economics, BITS Pilani KK Birla Goa Campus between AYs 2010-13 and AYs 2019-21.
- Doctoral Advisory Committee (DAC) Member of various PhD Research Scholars in Department of Economics, BITS Pilani KK Birla Goa Campus, since 2013 and Present.
- Head of the Department of Economics, Management, Finance, Entrepreneurship from 2013-2015.
- Member CCDCA, Department of Economics, BITS Pilani KK Birla Goa Campus for AY 2015-20.
- Member, Library Committee across many years from 2005 onwards.
- Nucleus Member Research Division from 2012-2015.
- Practice School Representative from 2013-2020.
- Research Board Representative, Department of Economics, BITS Pilani KK Birla Goa Campus, since November, 2015 and Present.
- Secretary, Department Seminar Journal for 2006-2010.
- Secretary, International Conference on USA India relations 2014.
- WILP Co coordinator, Department of Economics, BITS Pilani KK Birla Goa Campus for AY 2013-19
- Placement Faculty Advisory Council (PFAC) Member from 2015 onwards
- DLSC Member, from September 2022 onwards
- As Departmental CCDCA Convenor, engaged in discussions on courses and Prog structure across campuses.
- WILP IC for Sanitation for 2020-21 2nd semester where Prof Srikanth was Convenor/Coordinator.
- Department Representative for Practice School, engaged in two-way interaction with students in PS stations and Associate Dean, PS, for a few years.

## Professional Appointments

- Member, Board of Studies (BOS) of School of Economics, MIT World Peace University, Pune, December 2020. Webinar meet on 28th December 2020 for updation of syllabus of the BSc, MSc, and PhD Programme.
- Lead Guest Editor of Special Issues of Modern Management Forum 2019-20.
- Examiner for Seed Money Research Grant Proposal titled 'Effect of Intellectual Property Rights (IPR) – On Technological Progress (TP): A case of Developing Countries with special reference to India' by Dr Sunil Kumar NIT Goa, Goa on 3<sup>rd</sup> September 2018.
- Member, Committee for Children, Youth and Childhood at International Union of Anthropological and Ethnological Sciences (IUAES) 2018.
- Executive Committee Member, Goa Economic Association during the years 2015 to 2018.
- Reviewed a paper on 'Behavior of Individual Investor in Indian Stock Markets' for Inder-Science Publications International Journal of Behavioral Accounting and Finance (IJBAF) on 15<sup>th</sup> June 2018.
- Panel Member Selection Committee, Government of Goa to select Candidate for Assistant Professor in Commerce and Economics for Degree Colleges of Goa since 2017.
- Member, Editorial Board for Journal of Modern Management Forum, Universe Scientific Publishing House for 3 years beginning October 2017.
- Member, Editorial Review Board, Amity Journal of Economics since February 2016.
- Part of the 'Global Team on Nature and Evolution of Capitalism' initiated by Prof Viktor of Kremlim (Russia) since October, 2015.
- Life Member, Engineers Without Borders since November, 2015.
- Life Member, Indian Economic Association since November, 2013.
- Life Member of Goa Economic Association since July, 2013.
- Life Member of Voluntary Health Association of Goa (VHAG) since January, 2012.
- Life Member of Society of Midwives, India since January, 2012.
- Annual Member, South Asian Network for Development Economics and Environment (SANDEE), Kathmandu, Nepal since October 2011.
- Ph.D. External Examiner/ Panel Member and Member, Examination Committee for Recruitment of Faculty in few Central, State University and Centres of Excellence.
- Member, Review Board, Journal of international Association of Scientific Innovation and Research.
- Member, MBA Com For Business Analytics Programme and Member, MBA Programme for Health Care Management for Correspondence PG Degree to be floated in MBA Department, BITSPilani, Pilani Campus (as part of Prof Bindu Madhavan Group and Prof Leela Rani Group). Floated and running now. Contributed to development of the courses therein.

- Member, Journal of Indian Applied Manpower Research.
- Member, Editorial Board of Journals of International Academy of Science-Engineering and Technology.
- External Pre-PhD FRC Member, Department of Economics, Goa University, Goa before 2015.
- External Pre-PhD FRC Member, Department of Commerce, Goa University Goa before 2015.
- Chief Advisor, Institute for Natural Resources, Kolhapur since 2016.
- Organized a Meet of Eminent and Higher Indian Civil Servants in 2015 for our students at the behest of our the then Director, Prof Sasikumar Punnekat.
- Presented Talk on 'Strong family, strong society in light of religious practices and spiritual experiences'- Jammāt e Islamic Hind (Women Wing) on February 27, 2021.
- Convenor and Resource Person of MDP/Workshop on 'Rural Saving Habits of India and Rural Insurance' for PNB Metlife Officials conducted on June 10, 2018 (Amount – Rs 2 lakhs).
- Chairman of Workshop Session on Relationship of Anthropology with Other Social Sciences on 18 July 2018 at Santa Catarina University at the World Congress of the International Union of Anthropological and Ethnological Sciences held in Florianopolis, Brazil.

## Awards

- Conferred 'Bharat Jyoti Puraskar' by India International Friendship Society, New Delhi on February 2018.
- Conferred Certificate for Outstanding Reviewer Award at Three-day conference ICED, TIIKM, Colombo, Sri Lanka held June 2018-19.
- Felicitated by Department of Economics, Yogi Vemana University at Kadapa University, Andhra Pradesh on 22<sup>nd</sup> December 2017.
- Felicitated by Kalinga Institute of Social Sciences, Bhubaneswar on 27<sup>th</sup> July 2018.
- Department Merit Scholarship in Post Graduate Department of Economics, Bombay University.
- Won numerous awards in School and College Level for Essay Writing, Debate and Recitation Competitions in Rotary Clubs and YMCA and State Level Competitions.
- Awarded the "Bharat Ratna Dr RadhaKrishnan Gold Medal Award" for Outstanding Individual Achievement in Education and Research by Global Economic Progress and Research Association, New Delhi in 2021-22.



## Miscellaneous

- Certificate of Excellence for Reviewing 2022. Certificate Number SDI/HQ/PR/Cert/90607/DRD (Indexing: Ebsco, Proquest, Index Copernicus, Google Scholar). Asian Journal of Economics, Business and Accounting.
- Reviewer - Does the Covid-19 Vaccination-Related News Affect the Crypto-currency Market Dynamics? Journal of Global Economics, Management and Business Research. Indexed by Google Scholar, (NAAS score: 3.02), Index Copernicus (ICV: 97.98), EBSCOhost (USA), WorldCat. 2022.
- Reviewer Manuscript Number: JSED-D-22-00126. Title - The 'S' in ESG And its Moderating Role in Determining the Performance- Based CEO Compensation. Journal of Social and Economic Development. June 2022.
- Reviewer and Technical Progress Committee Member - IRTM 2022 (International Conference on Interdisciplinary Research in Technology & Management 2022). Papers:
  - A Comparative Study on Prediction of Heart Disease and Classifiers Suitable Analysis.
  - DermaGenics- Using YOLOv5 Deep Convolutional Neural Networks for Early Detection of Melanoma
  - Investment Recommendation Program Without Age Restricted.
  - Kingdom & Castles: A Strategy Game for Studying Psychology
  - Cross Country Analysis of Environment and Health with Special Reference to Air Pollution and Deaths in Some Parts of the World
  - Fake Currency Recognition System Using Edge Detection
  - State of Charge Estimation of Electrical Vehicle Battery
  - Land Value Capture Model for Infrastructure Development in Indonesia:
- Reviewer - Manuscript number: Ms\_AJEBA\_90607. Cost Efficiency in The Banking Industry: Which Bank Is More Cost-Efficient in Indonesia? Asian Journal of Economics, Business and Accounting, August, 2022
- Reviewer - Bank Size and Non-Performing Loans of Commercial Banks Listed at The Nairobi Securities Exchange. Asian Journal of Economics and Finance.
- Reviewed paper for Journal CMC-Computers, Materials & Continua. Paper ID- 39633; Title- A New Hybrid Approach to Dynamic Pricing Categorization Using Deep Learning and Neutrosophic, 25 January 2023