



# PhD supervisor



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Research gate: <https://www.researchgate.net/profile/S-Jayakumar-3>

## Potential areas for PhD supervision:

- Urban dynamics
- Forest Ecology
- Environmental Informatics

## Supervising experience:

- 16 PhD students (7 Awarded + 9 ongoing)
- 63 MSc students(55 Completed + 8 ongoing)

## Employment history in last 5 years:

- 2018 – present - Professor, Dept. of Ecology & Environmental Sciences, Pondicherry University, India

## Membership of professional association:

Since 2015                      Life Member, Indian Society of Geomatics  
   Life Member, Indian Society of Remote Sensing

## Education – since bachelor degree:

- ~ PhD in Bontay (Specilization: Remote sensing and GIS)  
1998-2002, Bharathidasan University, Tamil Nadu, India
- ~ MSc in Botany  
1993- 1995 Bharathidasan University, Tamil Nadu, India
- ~ BSc in Botany
- ~ 1990- 1993 Bharathidasan University, Tamil Nadu, India

## Selected recent papers:

1. Purswani, E., S Verma, S Jayakumar, ML Khan, B Pathak (2022) Examining and predicting land use change dynamics in Gandhinagar district, Gujarat, India, **Journal of Urban Management**, 11 (1), 82-96.
2. Diengdoh, BH and S Jayakumar (2021) A Comparative Study of Local Attitudes and Perceptions of Sacred Groves Between Village Communities in East Khasi Hills, Meghalaya, India, **International Journal of Ecology and Environmental Sciences**, 47 (3), 197-208.



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<https://urgent-project.net>



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3. Arunkumar, P, Kaushik D Ahmed S, Manivannan P, Jayakumar, S Thirunavukkarasu, C. Devipriya, SP., (2021) Prevalence and characteristics of microplastics present in the street dust collected from Chennai metropolitan city, India, **Chemosphere**, 269, 128757.
4. Patchaiyappan, A, S ZakiAhmed, K Dowarah, SS Khadanga, T Singh, Jayakumar, S Thirunavukkarasu, C. Devipriya, SP., (2021), Prevalence of microplastics in the sediments of Odisha beaches, southeastern coast of India, **Marine Pollution Bulletin** 167, 112265.
5. Singh, A.K., Sathya, M., Verma, S. Jayakumar, S. (2020). Spatiotemporal variation of water quality index in Kanwar wetland, Begusarai, India. **Water Resour. Manag.** 6, 44. Springer Nature: <https://doi.org/10.1007/s40899-020-00401-y>.
6. Arunkumar P, Ahmed SZ, Dowarah K, Jayakumar, S Suja P. Devipriya (2020). Occurrence, distribution and composition of microplastics in the sediments of South Andaman beaches, **Marine Pollution Bulletin**, 156 (2020) 1112272. (Impact Factor: 3.75).
7. Kaushik Dowaraha, Arunkumar P, Thirunavukkarasu, C, Jayakumar, S, Suja P. Devipriya (2020). Quantification of microplastics using Nile Red in two bivalve species *Perna viridis* and *Meretrix meretrix* from three estuaries in Pondicherry, India and microplastic uptake by local communities through bivalve diet, **Marine Pollution Bulletin**, 153 (2020) 110982. (Impact Factor: 3.75).

Google Scholar

Total Publications	85
Citations	1607
h-index	18
i -10 index	26