

# Narayanan P. P.

Citizenship: Indian

Date of birth: 20 September 1990



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Palakkad District, Kerala – 679535, India.

**Languages** Malayalam, English, Hindi

## Academics

Degree	Duration	Board	CGPA / Percentage
<b>PhD*</b> (Ongoing: Research area- Sensors, measurements and instrumentation)	2020- Till now*	Indian Institute of Technology (IIT) Palakkad	9.07/10
<b>M.Des</b> (Electronic System Design)	2012- 2014	Indian Institute of Information Technology, Design & Manufacturing Kancheepuram	8.77/10
<b>B.Tech</b> (Electronics & Communication Engineering)	2008– 2012	University Of Calicut	75.18%

## Experience

Designation	Organization	Experience	Period
Guest Lecturer	Govt. Polytechnic, Kunnamkulam	2.5 month	3rd June 2014 - 13th Aug 2014
Assistant Professor	Royal College of Engineering & Technology	4 years & 9months	20th Feb'2015 - 30th Nov 2019

## Research

The area of research currently in PhD are:

- Inductive sensors
- Capacitive sensors
- Signal conditioning circuits
- Measurements and instrumentation

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## Publications

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### *After joining PhD:*

- [1] **Narayanan P. P.**, Sreenath Vijayakumar, "A Novel Single-Element Inductance-to-Digital Converter with Automatic Offset Eliminator", IEEE International Instrumentation and Measurement Technology Conference (I2MTC), May 2021 (virtual conference; organizers: Glasgow, Scotland; accepted for presentation).
- [2] Pinku Sebastian, **Narayanan P. P.** and Sreenath Vijayakumar, "A Switched-Capacitor CVC and CFC for Capacitive Sensors Representable using  $\pi$ -Model," IEEE International Instrumentation and Measurement Technology Conference (I2MTC), May 2021 (virtual conference; organizers: Glasgow, Scotland; accepted for presentation).

### *Before joining PhD*

- [1] **Narayanan P. P.**, and C. D. Suriyakala. "A flexible and effective spatial modulation for large scale MIMO." 2015 International Conference on Control, Instrumentation, Communication and Computational Technologies (ICCICCT). IEEE, 2015.
- [2] Pilitha Chandran, **Narayanan P. P.**, and C. D. Suriyakala "Spatial Modulation - A High Efficient Technique for MIMO Communication", IOSR Journal of Electronics and Communication Engineering (IOSR-JECE), ICETEM-2016.
- [3] Aswathy K., **Narayanan P. P.** "Image Extraction-IE Approach to Extract Information from Analog and Digital KWh Meters", International Journal of Engineering Science and Computing, (IJESC) ,May 2016, Volume 6 Issue No. 5

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## References

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### ▪ **Dr. Binsu J. Kailath**

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