

Dr. NOWSHAJA P.T
PROFESSOR



Contact Details

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Government Engineering College
Kozhikode

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Professional Qualifications

B-Tech	Specialization	Civil
	Institute/University	Government Engineering College Thrissur
	Year	1988
M-Tech	Specialization	Structural Engineering with Computer Applications
	Institute/University	Bharathiyar University
	Year	1991
PhD	Specialization	Ground Water
	Institute/University	Calicut University
	Year	2008

Areas of Interest

- **Structural optimization**
- **Metaheuristics in Optimization**

Professional Experience

- **Worked as Assistant Engineer in Irrigation Department**

Responsibilities/Position

- **Officiating as head of the department of Civil Engineering since November 2016**

Training Details (2014-15 Onwards)

Course Name	Conducted By	Sponsoring Agency	Period	No of days
Soft computing techniques in research	GEC,Thrissur	12-2-2014	14-2-2014	3
MATLAB for Engineers and Researchers	GEC, Thrissur	28-09-16	30-09-16	3

Publications

International Journals

1. Nowshaja P.T., Rajagopalan S.P., Harikumar P.S., Dissolution of fluoride in the Warkali aquifer of Alappuzha: A water rock interaction study. Journal of Environmental Protection. Vol.23, No:11, pp.1201-1207
2. Mary Silpa T.J., Nowshaja P.T., Land capability classification of Ollukara block panchayat using GIS. Elsevier Procedia Technology 24 (2016) , pp.303-308

International Conferences

3. Nowshaja P.T., Rajagopalan S.P., Harikumar P.S., Water rock interaction study to infer the mechanism of fluoride dissolution in high fluoride ground waters. International Ground Water Conference, Jaipur, March 2008, pp 334-338.
4. Anu Krishnan., Nowshaja P.T., Quantitative determination of soil erosion in a basin using Geographic Information System. NAIMSAP, September 2012, pp 423-426.

National Conferences

5. Nowshaja P.T., Rajagopalan S.P., Harikumar P.S., Water rock interaction study to infer the chemical parameters in fluoride rich ground water. Swadesi Science Congress , Kozhikode, November, 2007, pp 110-112.
6. Nowshaja P.T., Rajagopalan S.P., Harikumar P.S., Dissolution of fluoride in the high fluoride ground waters of Alappuzha. Kerala Science Congress, Thiruvananthapuram, January 2008, pp 387-389.
7. Sajna Purakkat., Nowshaja P.T., Estimation of sediment yield of Malampuzha reservoir catchment using SWAT model. NCETC, June 2013, pp 334-336.

Achievements/Awards

- **National Scholarship holder**
- **Secured first rank for M.E (Structural Engineering with Computer Application)**