

Dr. SAJAN K JOSE

Associate Professor



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[Scholar Link](#)

Qualifications:

- B-Tech (Hons.) – Civil Engineering. (University of Calicut)
- M-Tech – Structural Engineering (University of Kerala)
- Ph.D. - Structural Engineering (APJ Abdul Kalam Technological University)

Professional Experience:

- Associate Professor & Head, Dept. of Civil Engineering, LBSITW, Trivandrum (October 2020-February 2023)
- Associate Professor & Head, Dept. of Civil Engineering, LBSCE, Kasaragod (Jan 27, 2014-September 29, 2020)
- Associate Professor, Dept. of Civil Engineering, LBSITW, TVM (October 2012 to January 2014)
- Associate Professor & Head, Dept. of Civil Engineering, LBSCE, Kasaragod (September, 2010 -October, 2012)
- Lecturer, Senior Lecturer, Assistant Professor & Associate Professor, Department of Civil Engineering, LBSITW, TVM (November, 2001 to September 2010)
- Guest Lecturer in Civil Engineering at College of Engineering Trivandrum from August 2000 to July 2001
- Assistant Project Engineer in Kerala State Construction Corporation Ltd., Kottayam 1997-1998
- Project Engineer at Bedda Al Angary Est. Riyad, Saudi Arabia 1996-1997
- Project Engineer at Skyline Builders 1992-1996
- Graduate Apprentice at Cochin Refineries Ltd., Ambalaugal, Cochin 1991-1992
- Site Engineer at Charangattu Construction, Alleppey 1991
- Site Engineer at Relcon Foundations, Ernakulam 1991

Recently Taught Courses:

- [Structural Analysis III](#)
- [Construction Technology and Management](#)
- Mechanics of Solids
- Design of Concrete Structures
- [Engineering Mechanics](#)
- Material Testing Lab 1
- Material Testing Lab 2

Other Responsibilities:

- Member, BOS, Civil Engg., APJ Abdul Kalam Technological University (Jan 2021-Till date)
- Member, BOS, Architecture, APJ Abdul Kalam Technological University (Jan 2021-Till date)
- Chairman External S6 Lab Exam 2021-22, APJ Abdul Kalam Technological University
- Chairman External S5 Lab Exam 2022-23, APJ Abdul Kalam Technological University
- Chairman S3, S4 Supplementary Examinations 2021-22 University of Kerala
- Chairman S5, S6 Supplementary Examinations 2022-23 University of Kerala
- President, Staff Club from January 2022 onwards.
- Member of College Council.
- Coordinator of all the construction & Maintenance work in the College Campus.
- Coordinator of ATAL FDP
- Coordinator of Civil Engineering Consultancy works
- Academic Coordinator of Civil Engineering Program
- Staff Advisor Arts to the College Union
- Editorial Board Member of AMERICAN JOURNAL OF CONSTRUCTION AND BUILDING MATERIALS (AJCBM)

Important Publications:

- [Quarry fines: an ideal material for the manufacture of foamed concrete](#)
SK Jose, M Soman, YS Evangeline
Asian Journal of Civil Engineering 22, 241-247
- [Ecofriendly building blocks using foamed concrete with ground granulated blast furnace slag](#)
SK Jose, M Soman, S Evangeline Y

International Journal of Sustainable Engineering 14 (4), 776-784

- ❑ [Fixed and Base Isolated Framed Structures: A Comparative Study](#)
SK Jose, GS Anjali, AS Nair, DA Adithya, A Sony, AS Arunima
Journal of Physics: Conference Series 2070 (1), 012198
 - ❑ [Foamed concrete using waste materials: A review](#)
SK Jose, M Soman, S Evangeline
Recent Advances in Materials, Mechanics and Management, 153-158
 - ❑ [Building Blocks Using Foamed Concrete with Industrial Waste Materials](#)
DSEY Sajan K Jose, Dr. Mini Soman
Open Access Journal of Waste Management & Xenobiotics 4 (4)
 - ❑ [QUARRY DUST IN FOAMED CONCRETE: A SUSTAINABLE BUILDING MATERIAL](#)
Sajan K Jose, Aarya G Krishnan, Minaiva Manzoor
INTERNATIONAL JOURNAL OF CHEMICAL, MATERIAL AND ENVIRONMENTAL RESEARCH 8 (6), 1-5
 - ❑ [Foamcrete construction blocks using industrial wastes-A sustainable approach](#)
SK Jose, M Soman, YS Evangeline
Journal of Physics: Conference Series 1706 (1), 012128
 - ❑ [Building blocks as infills: Current scenario and alternate materials](#)
SK Jose, M Soman, YS Evangeline
IOP Conference Series: Materials Science and Engineering 872 (1), 012117
 - ❑ [Study on the Effect of Soil as a Filler in Foamed Concrete](#)
KS Kavya, KK Jithiya, N Athulya Vijay, JL Jayan, M Karthik, ...
Construction in Geotechnical Engineering: Proceedings of IGC 2018, 17-25
 - ❑ [Study on the effect of soil as a filler in foamed concrete](#)
Y Sheela Evangeline, SK Jose, N Athulya Vijay, JL Jayan, KK Jithiya,
[Influence of mixture composition on the properties of foamed concrete](#)
SK Jose, M Soman, YS Evangeline
Materials Today: Proceedings 42, 399-404
- Building Blocks Using Foamed Concrete with Industrial Waste Materials
Jose SK^{1*}, Soman M1 and Evangeline SY²
- Department of Civil Engineering, College of Engineering Trivandrum, India
Department of Civil Engineering, Mohandas College of Engineering, India
...

• Research & Consultancy:

- Action Plan Preparation for identified MSME Clusters - funded by KDISC.
- Various Consultancy works in Civil Engineering including Design vetting of Court complex, at Koothu Parambu, Research building structural design vetting of SCT College of Engineering, Stability analysis using Rebound hammer, UPV tests, Profometer test etc. Structural design and drafting of three bridges at Varka;

Membership in Professional Organizations

- Life member Institution of Engineers FIE
- Associate Member of American Society of Civil Engineering AMASCE
- Life member of Indian Concrete Institute MICI

Conference/Paper Presentation:

- Reviewer - Technical papers - IMMM-2019 [Inter National Conference on Recent Advances in Materials, Mechanics and Management held at College of Engineering Trivandrum]
- Attended and presented a Paper in the national conference on recent advances in structural Engineering held at Sona College of Engineering and Technology, Salem
- Attended and presented paper in the International Conference ICRAMM 2020
- Attended and presented paper in the International Conference ICAPSM 2020
- Attended and presented paper in the International Conference ICMSMT 2020