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Introduction

Smt Salini P N is presently working as Scientist C in Highway Engineering Division of National Transportation Planning and Research Centre (NATPAC), an R&D Centre of Govt of Kerala. She is a post graduate in civil engineering and specialized in Traffic and Transportation Engineering. Also has got diploma in Networking & Internet Applications (*Distance Education from IIT Kharagpur*) and Diploma in GPS Survey Solutions. Altogether she has got nine and half years of professional experience. Her research interests and field of experience and expertise include Highway Materials and Engineering, Pavement Engineering and Transportation Engineering.

Having worked as a Lecturer in Civil engineering for one year, she has handled various subjects in Transportation Engineering. Her research interests include pavement evaluation and pavement performance, pavement deterioration modeling, pavement maintenance and management, pavement design, innovative and alternative materials in highways, sustainable highways, highway geometric design and highway safety, transportation planning, land use and transportation modeling etc.

She has published five research papers in referred journals and has got more than ten publications in seminars/workshop proceedings. She has undergone various training programmes in transportation related topics. As a Scientist in NATPAC, completed more than 25 researches and sponsored projects and supervised and guided several B Tech projects and few M Tech thesis on the topics of highway and transportation engineering. In the process she has acquired wide experience in handling the equipments for pavement evaluation like BBD testing equipment, Fifth wheel bump integrator, skid resistance tester, MERLIN, Core cutter, distometer etc. She had performed as the coordinating scientist for material testing in the Highway engineering lab for conducting various tests on soil, coarse and fine aggregates, bitumen and bituminous mixes, emulsion etc. Has software proficiency in C Programming, AutoCAD and SPSS.

She is keen and dedicated to improve upon her analytical thinking and researching ability, organizational and interpersonal skills and reporting agility. She has been actively participating in various transportation projects with a concern for quality and accuracy; with the aid of teamwork and co-operation. Thus working for the betterment of the highway fraternity.