

**Report on participation by Sri P K Choudhury, in the training program of UPRRDA held at Lucknow on
18.04.17**

NRRDA in association with UPRRDA decided to organize a training program during 18-19 April'2017 at Lucknow for the PMGSY engineers and contractors on usage of New Technology (NT) in rural road construction in the state of Uttar Pradesh. They had sent invitation letter to NJB for delivering lecture on JGT and its application in different components of road. On approval of the Secretary, NJB Sri P K Choudhury visited Lucknow for the purpose.

The training program was attended by more than 260 participants. After lighting the lamp by the dignitaries on the dais Sri S V S Ranga Rao - CEO of UPRRDA welcome the delegates / participants and gave a brief outline on the objective of holding such program to make the engineers and contractors updated with New Technology in road construction works. Dr. I.K. Pateriya - Director (Technical), NRRDA explained the different schemes of NRRDA and emphasized on holding such type of training program in all the 29 states in the country to help the user agencies in constructing long lasting road with economical benefit using alternate and environment friendly material as a part of NT initiative. In his technical presentation Dr. Pateriya elaborated the role of each SRRDA, PIU and STA. He clearly mentioned that NT can be introduced in the pre-sanctioned roads also for which the user agencies do not required to be confined with the limit of 15% roads for NT, rather they can go beyond, if found suitable alternative technology. Dr. Pateriya suggested the PIUs to organize conducting performance evaluation of the road constructed with NT through appropriate authority for which NRRDA will bear the cost. Sri Uttam kumar director, NRRDA in his deliberation explained about the importance of using quality materials in road construction works. Sri. P K Choudhury of NJB in his lecture explained the properties and function of different types of JGT. Field application and their effects were elaborated through case studies on strengthening road sub-grade and slope stabilization. Two case studies were also presented on application of JGT in preventing reflection cracks and pot holes.

Questions raised by the engineers on function of bio-degradable product and the behavior of soil thereafter, cost and availability etc. were addressed. UPRRDA authority instantly declared that they are willing to take up initially one project with JGT at Allahabad with the technical support of NJB. A complete set of technical literatures including manual was handed over to Sri R.B.R Rakesh - CE, UPRRDA, for their reference.

