

iGrip webinar series on GEOSTRUCTURES

Innovative Geosynthetic Applications in Hydraulic Structures

🕒 Monday, May 04, 2020 @ 10:00AM IST

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Thank you for joining us for the second lecture of the iGrip webinar series held on 04-May-2020 at 10am. A total of 558 people registered for the webinar with the following estimated distribution: Industry:132, Faculty:159, Students:211, Govt dept/PSU: 55. The webinar was attended by 440 registrants from all over the country and abroad. It was a good blend of professionals, academicians, and students. Participants were from a wide spectrum of organizations, such as the BIS, CBIP, RDSO, L&T Construction, Tata Steel, LEA Associates, Linde, Maccaferri, Strata Geosystems, Sardar Sarovar Narmada Nigam, Tensar Geosynthetic, WorleyParsons, IOCL, PWD, State Water resource depts., University of Tokyo, IISc, IITs, NITs, etc. Srinagar topped the chart of participants from a city. We also had a few international participants from Australia, UAE, Zambia, USA, Brazil, etc.

We are fine-tuning our online program and welcome your further comments and suggestions at Email: igrip@iitgn.ac.in



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Vivek Purushottamdas Kapadia is at present working as Secretary to the Government of Gujarat and deputed to Sardar Sarovar Narmada Nigam Limited as Director. He has obtained Master of Engineering, Master of Laws, Post Graduate Diploma in Business Administration and in Computer Applications. He has been actively involved in design, execution, policy making and legal systems in the field of water resources engineering and management. He has also done extensive work on application of geosynthetics in civil engineering. He has been one of the pioneers of the participatory water conservation movement ushered in Gujarat, India and has done extensive work in rejuvenation of ancient Indian water conservation systems and water management institutions.

Abstract

Water is of utmost importance to India as food security is the biggest challenge. Managing limited water resources to ensure the food security requires proper water management which actually requires several technical aspects to be taken care of in the back of the screen. Mega irrigation projects have a large scale of technical challenges in which geosynthetics can be a potential element of the solution. How geosynthetics have been playing an important role in complex technical problems of hydraulic structures can be appreciated through actual case studies. Some very interesting case studies are to be presented by Vivek P. Kapadia from Government of Gujarat.