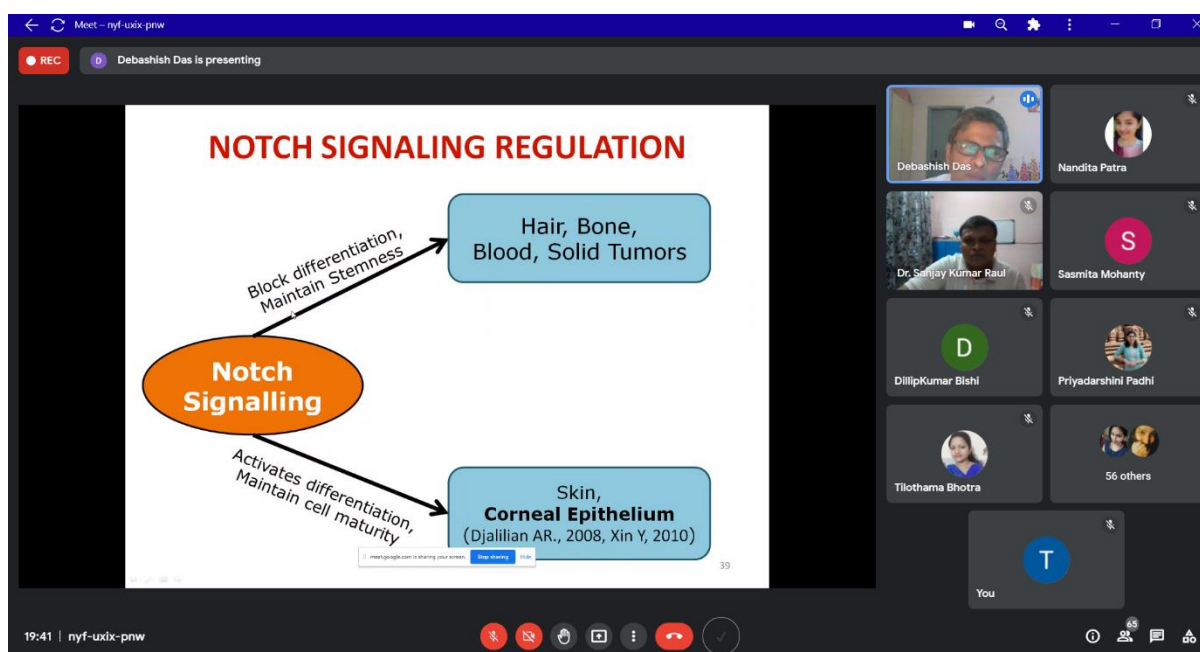


NAME OF THE DEPARTMENT: Dept. of Biotechnology

SL NO.	2
TITLE OF THE WEBINAR	ROSALIND FRANKLIN SEMINAR SERIES on “Stem Cells Translational Research – Eye way ”
DATE & TIME	7 PM to 8 PM; Date: 27.09.2021 (Monday)
DETAILS OF EXPERT SPEAKERS	Dr. Debashish Das , Chief Scientist, Stem cell Research lab, GROW lab, Narayana Netralaya, Bangalore
NO. OF PARTICIPANTS	80
MEETING PLATFORM USED	Google Meet
BRIEF REPORT ON THE WEBINAR	Dr. Das talked about one of the most important senses: Our eyesight and emphasised on the tremendous potential of stem cell therapy for eye diseases. Stem cell therapies are making headlines for their potential to cure ocular diseases, its applications in repairing and renewal of retinal cells and restoring eyesight using genetically engineered stem cells. The webinar provided insights about the molecular pathways and signalling mechanisms underlying ocular disorders, clinal diagnosis and laboratory research techniques related to genetics, transcriptomic analysis, protein biochemistry, mass spectrometry and flow cytometric methods , followed by in vitro/in vivo models to develop novel therapeutics. The main working concept behind the G.R.O.W lab is Genes Repair and Regeneration in Ophthalmic Workstation to develop advanced diagnostics and therapeutics.



Dr. Debashish Das , Chief Scientist, Stem cell Research lab, GROW lab, Narayana Netralaya, Bangalore speaking on “Stem Cells Translational Research – Eye way” on 27.09.2021 (Monday)