

Proposal No. 20

(Proposal details for the R&D scheme of USOF)

Subject: AI enabled use cases- Image quality enhancement

Problem Statement	Application for Image quality enhancement of low resolution/ blurry images of faces
Problem Description	<p>The video quality may be poor depending on source of image, movement of target, other environmental conditions etc.</p> <p>The application should enhance the image quality using techniques like SRGAN, so that face is recognizable.</p> <p>It may have to fill in missing information i.e. build partial faces.</p>
Future expectations	Image enhancement of objects, scenes

Format of Response

Companies / organizations / institutions / individuals developing enabling technologies / modules / components / subsystems / products are required to respond in the format provided in Annexure-A, on the DOT website ([link address provided- refer "format of response"](#))