APPENDIX-E: RESPONSE SURFACE PLOTS

E-1 RESPONSE SURFACE PLOTS FOR LAYER THICKNESS

Fig.E-1.1: Response Surface showing effect of Discharge duration and Duty factor on Layer Thickness

Fig.E-1.2: Response Surface showing effect of Density of electrode and Duty factor on Layer Thickness
Fig.E-1.3: Response Surface showing effect of Density of electrode and Discharge duration on Layer Thickness

Fig.E-1.4: Response Surface showing effect of Peak Current and Duty factor on Layer Thickness
Fig. E-1.5: Response Surface showing effect of Peak Current and Discharge duration on Layer Thickness

Fig. E-1.6: Response Surface showing effect of Peak Current and Density of electrode on Layer Thickness
E-2 RESPONSE SURFACE PLOTS FOR LAYER HARDNESS

Fig. E-2.1: Response Surface showing effect of Discharge duration and Duty factor on Layer Hardness

Fig. E-2.2: Response Surface showing effect of Density of electrode and Duty factor on Layer Hardness
Fig.E-2.3: Response Surface showing effect of Density of Electrode and Discharge duration on Layer Hardness

Fig.E-2.4: Response Surface showing effect of Peak Current and Duty factor on Layer Hardness
Fig. E-2.5: Response Surface showing effect of Peak Current and Discharge duration on Layer Hardness

Fig. E-2.6: Response Surface showing effect of Peak Current and Density of electrode on Layer Hardness
E-3  RESPONSE SURFACE PLOTS FOR SURFACE ROUGHNESS

Fig.E-3.1: Response Surface showing effect of Discharge duration and Duty factor on Surface Roughness

Fig.E-3.2: Response Surface showing effect of Density of electrode and Duty factor on Surface Roughness
Fig. E-3.3: Response Surface showing effect of Density of Electrode and Discharge duration on Surface Roughness

Fig. E-3.4: Response Surface showing effect of Peak Current and Duty factor on Surface Roughness
Fig. E-3.5: Response Surface showing effect of Peak Current and Discharge duration on Surface Roughness

Fig. E-3.6: Response Surface showing effect of Peak Current and Density of Electrode on Surface Roughness