

APPENDIX - 4

Fig. 1 to 9 shows XRD peaks of worn surfaces of coating with brass pin at different load and different sliding speed

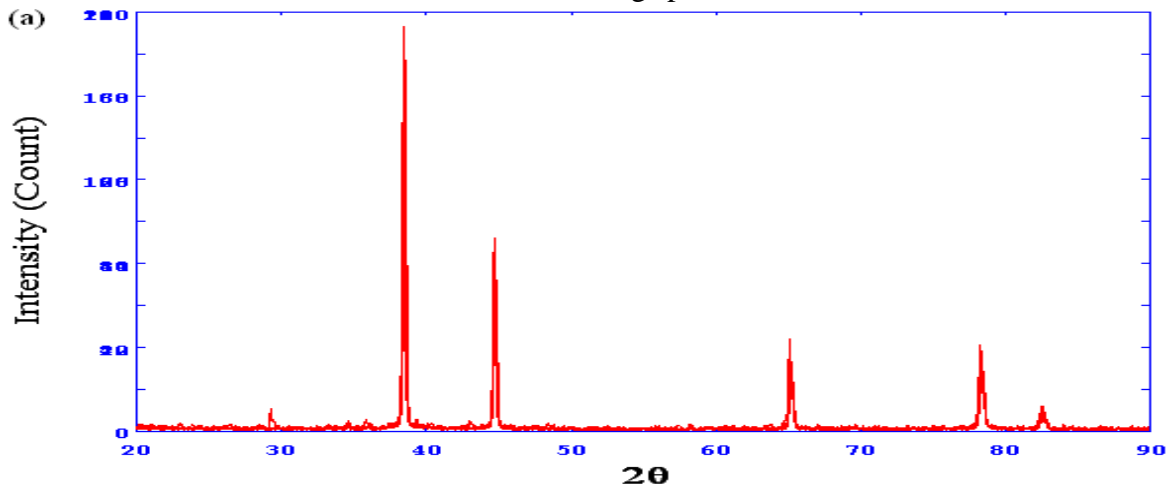


Figure 1.XRD peaks at 29.4 N load and 150 rpm speed

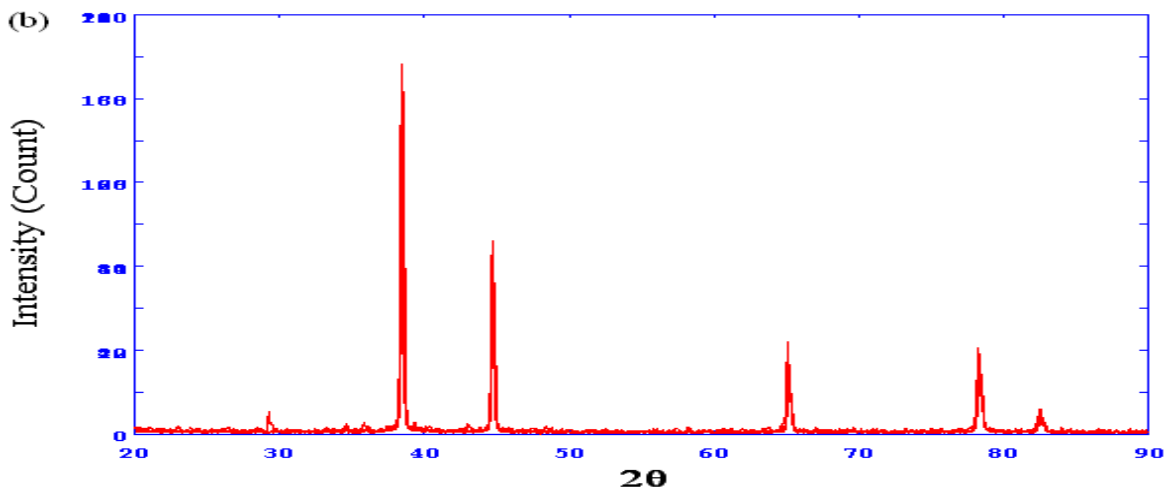


Figure 2.XRD peaks at 44.1 N load and 150 rpm speed

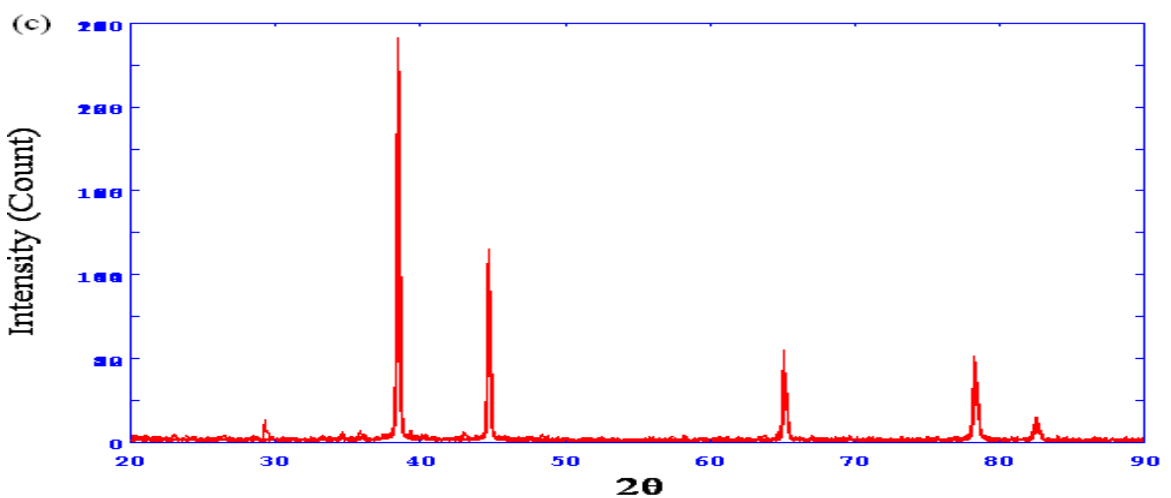


Figure 3.XRD peaks at 58.8 N load and 150 rpm speed

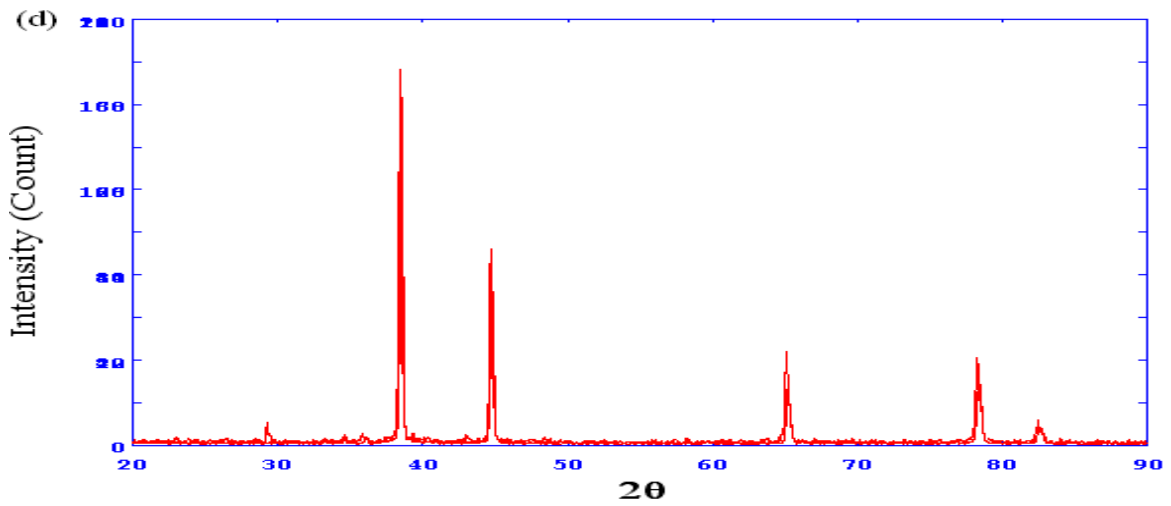


Figure 4.XRD peaks at 29.4 N load and 200 rpm speed

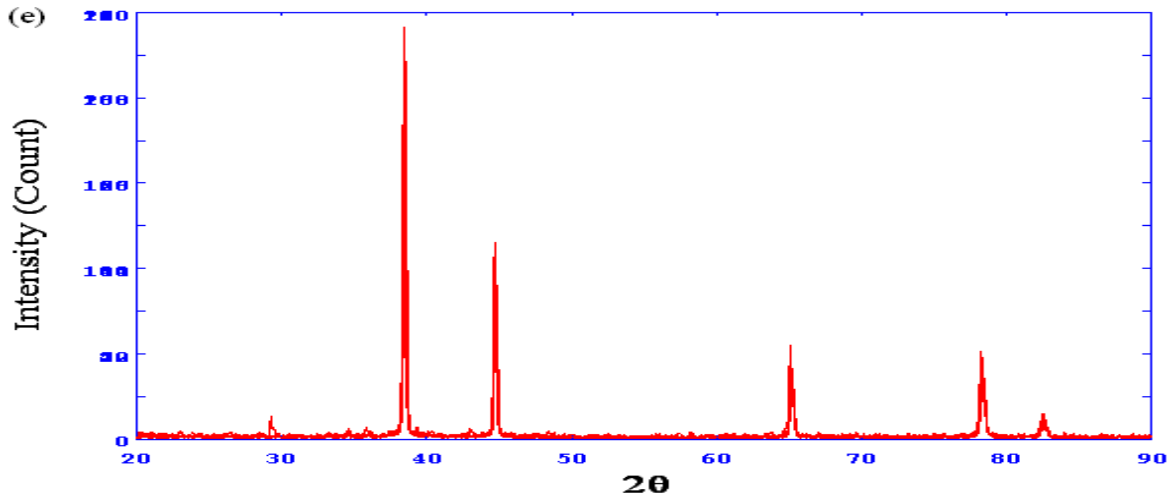


Figure 5.XRD peaks at 44.1 N load and 200 rpm speed

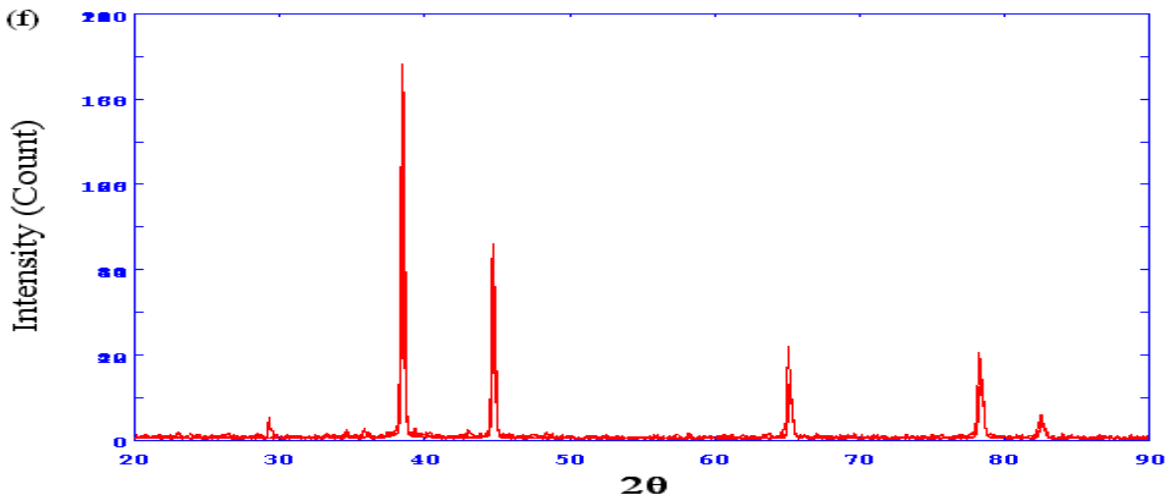


Figure 6.XRD peaks at 58.8 N load and 200 rpm speed

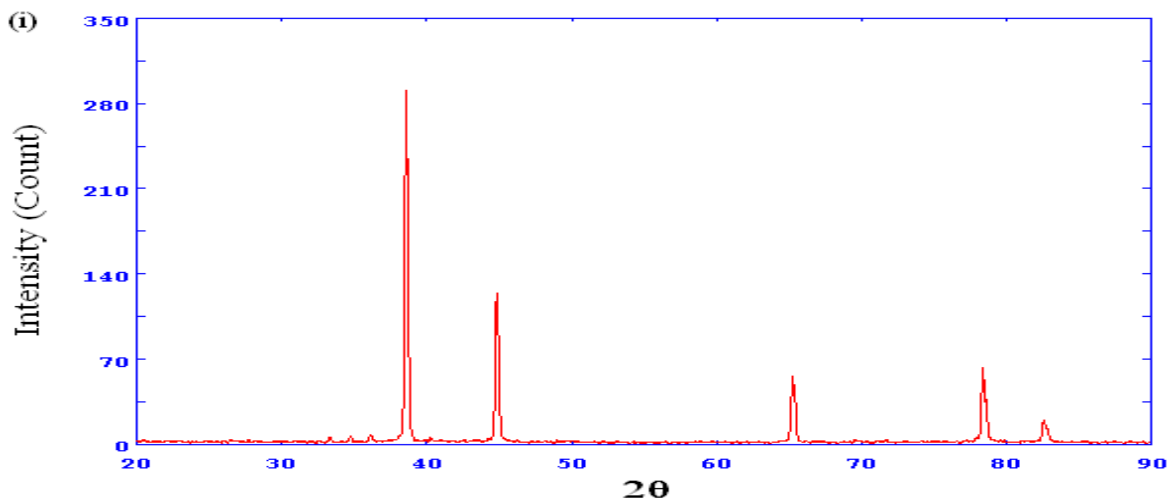
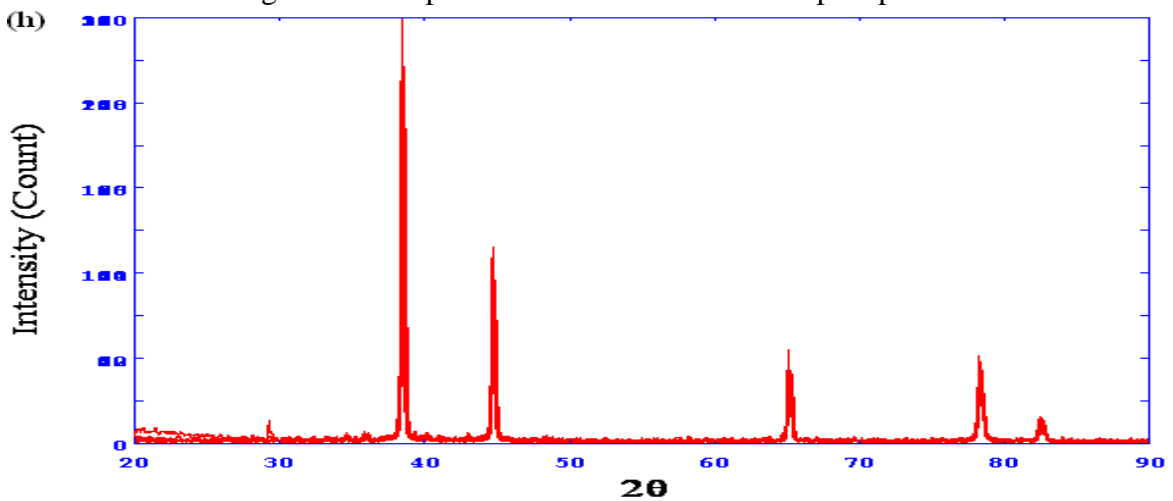
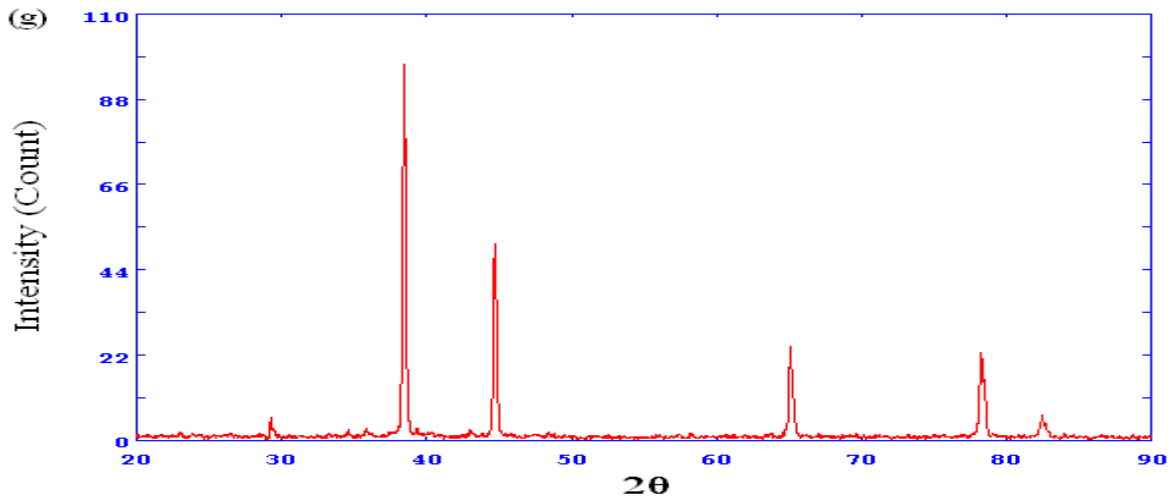
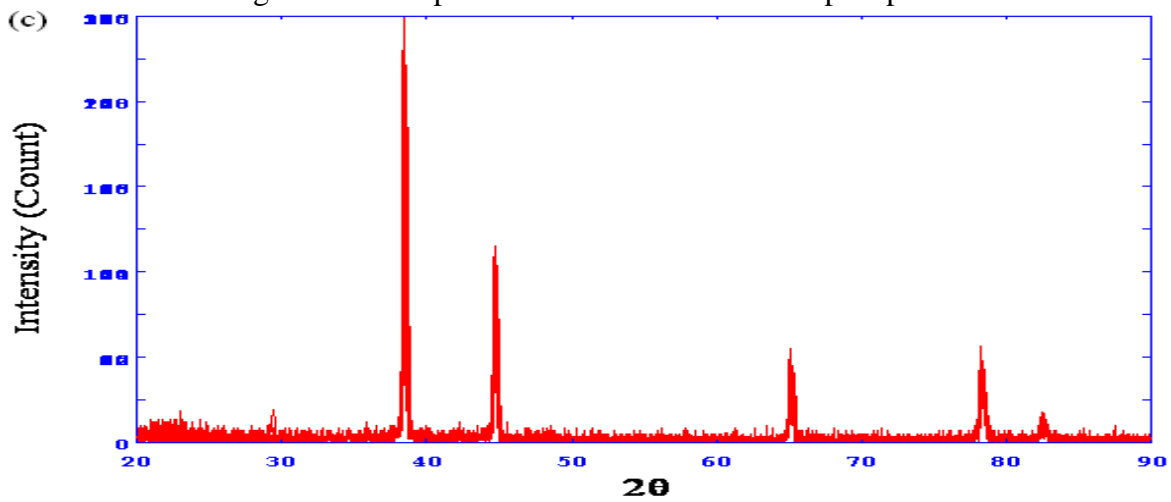
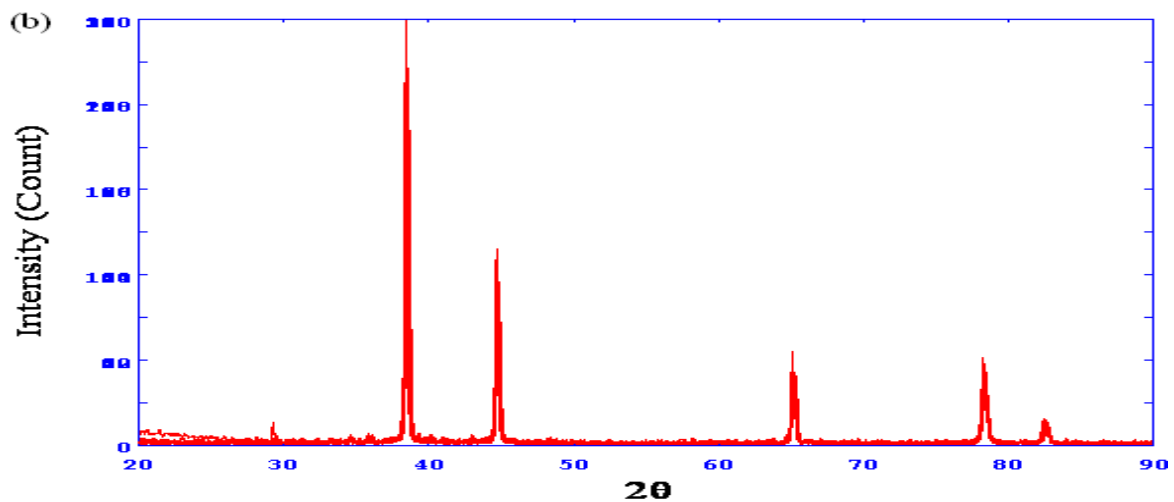
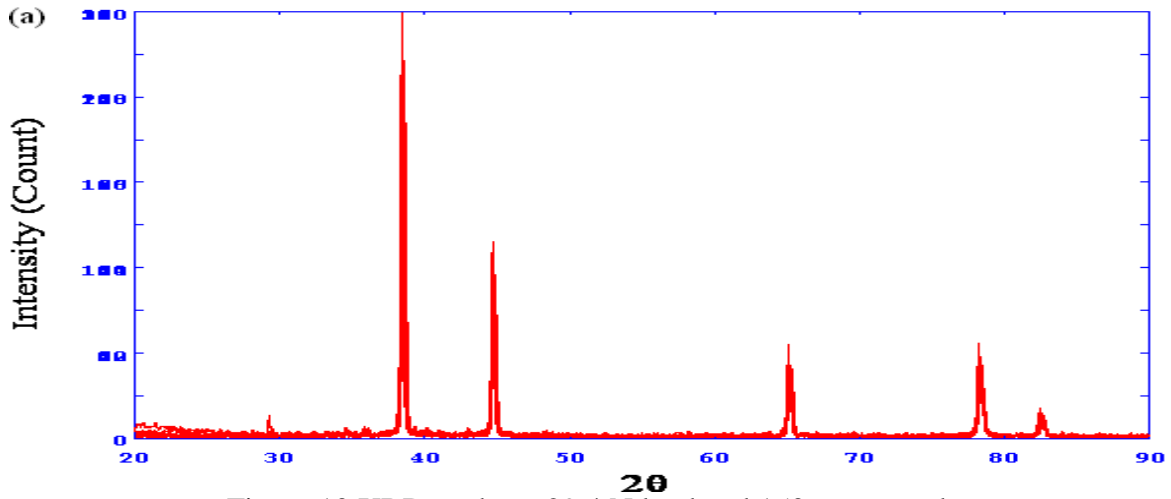
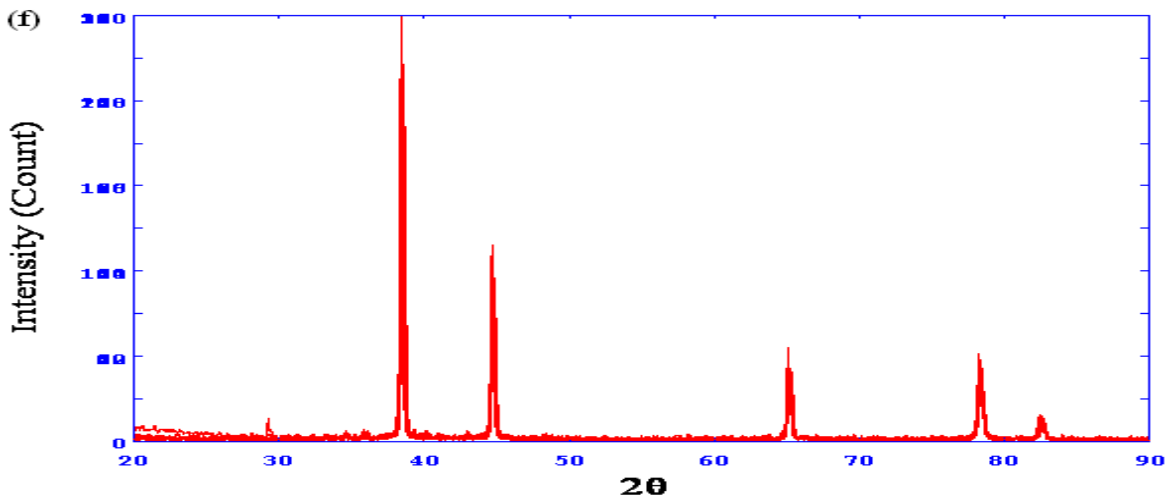
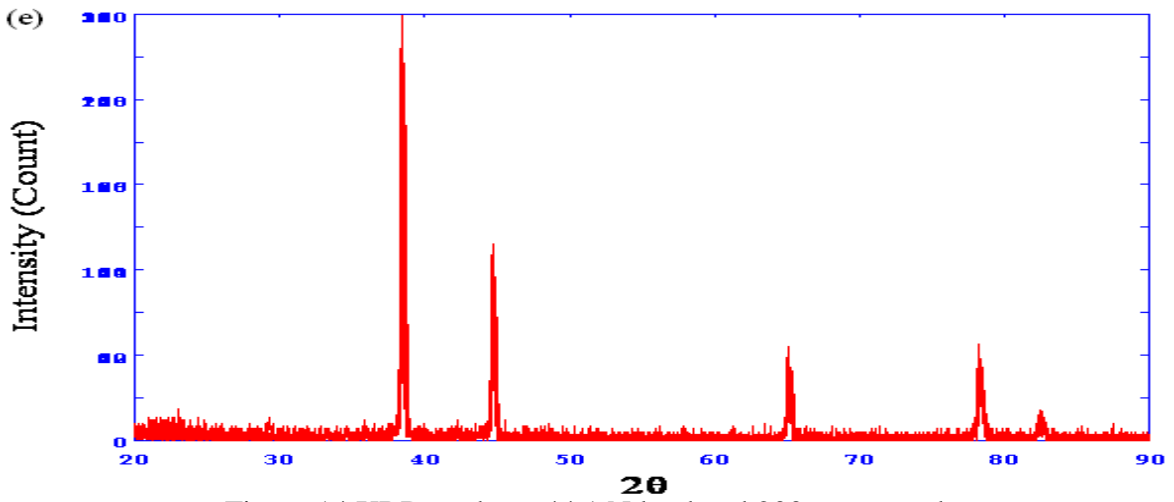
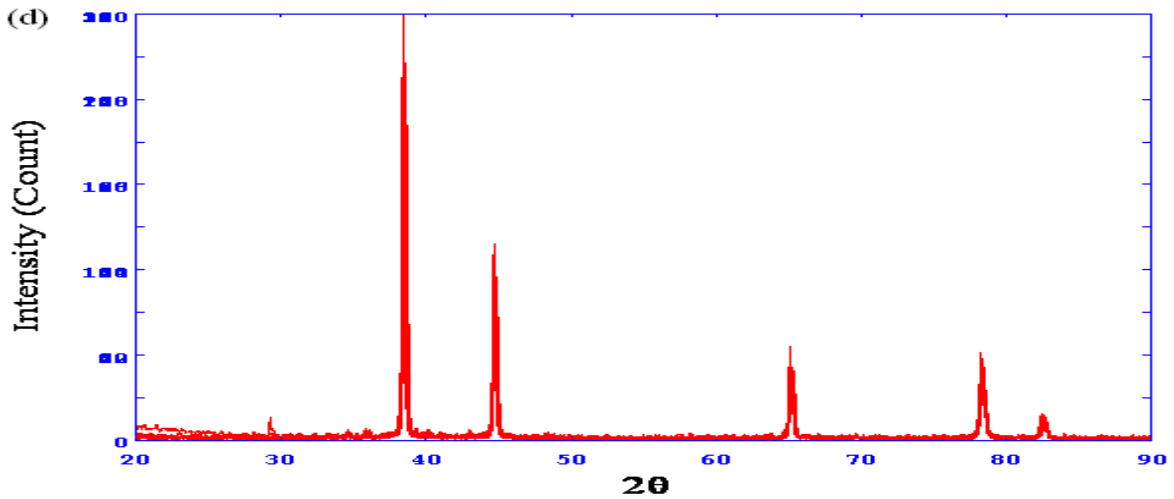


Fig. 10 to 18 shows XRD peaks of worn surfaces of coating with medium carbon steel pin at different load and different sliding speed





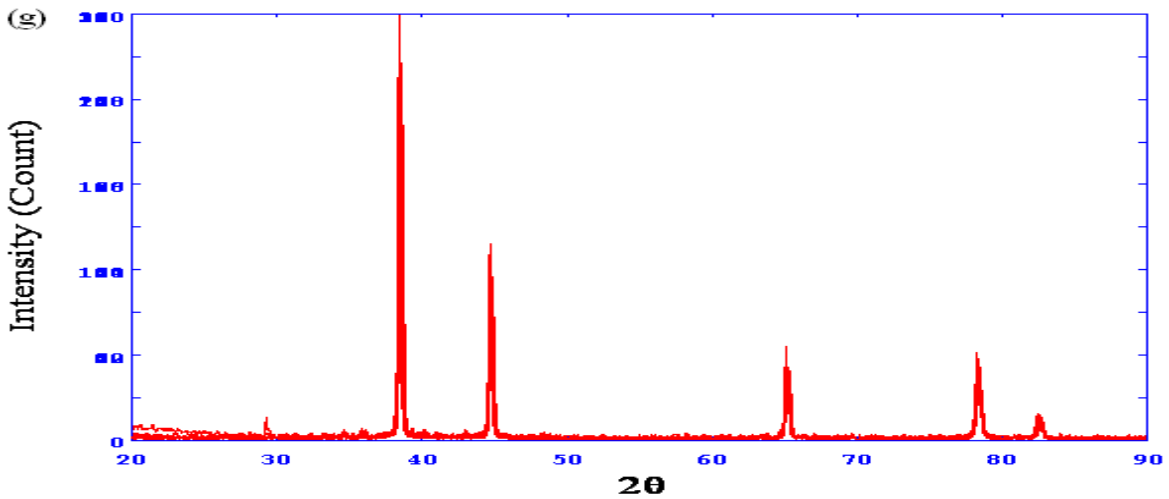


Figure 16.XRD peaks at 29.4 N load and 250 rpm speed

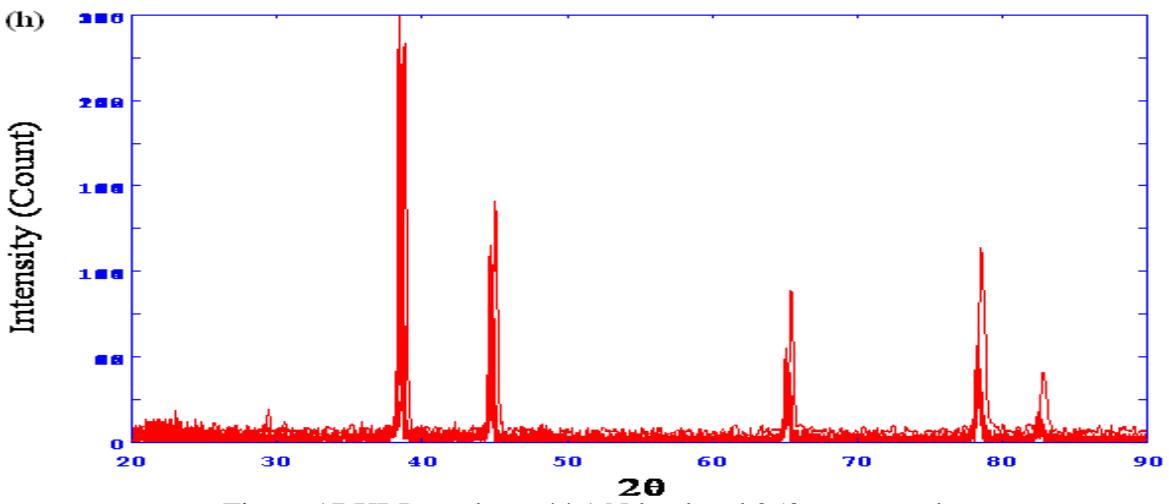


Figure 17.XRD peaks at 44.1 N load and 250 rpm speed

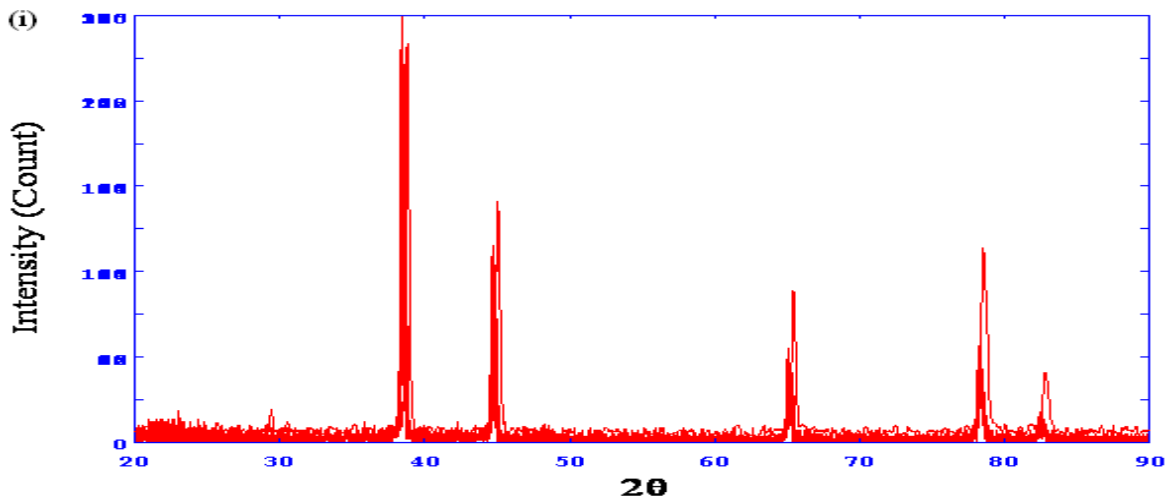


Figure 18.XRD peaks at 58.8 N load and 250 rpm speed

Fig. 19 to 27 shows XRD peaks of worn surfaces of coating with high carbon steel pin at different load and different sliding speed

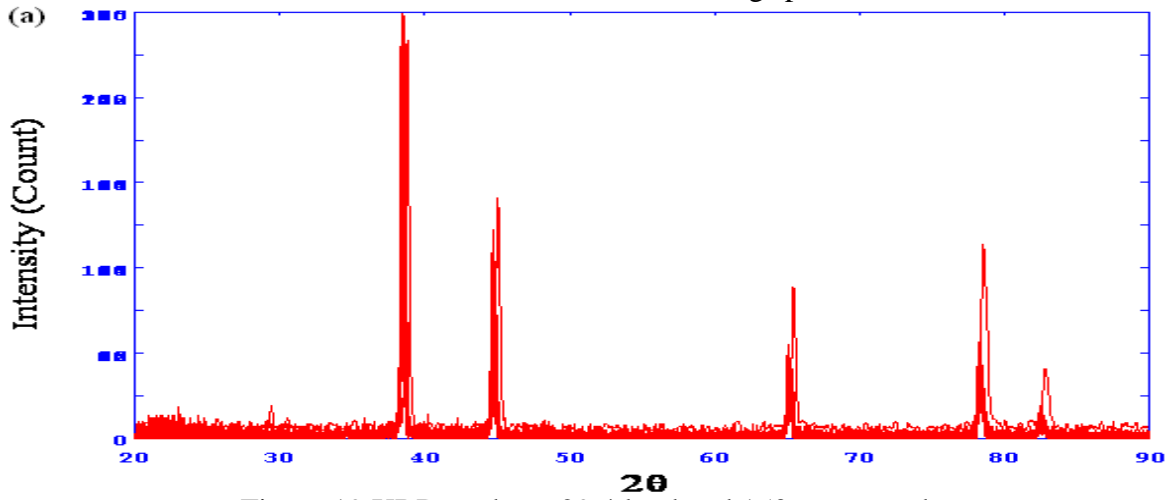


Figure 19.XRD peaks at 29.4 load and 150 rpm speed

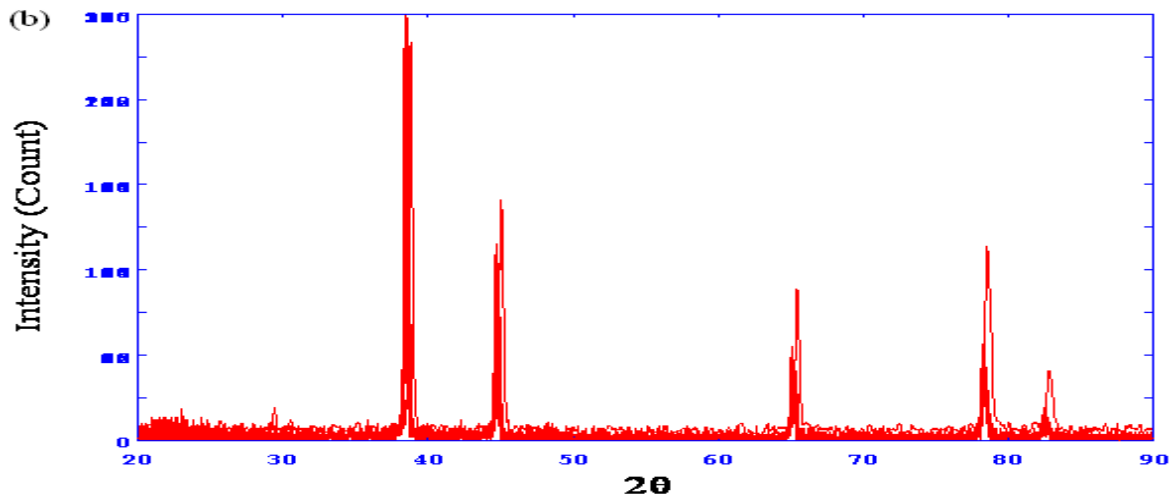


Figure 20.XRD peaks at 44.1 N load and 150 rpm speed

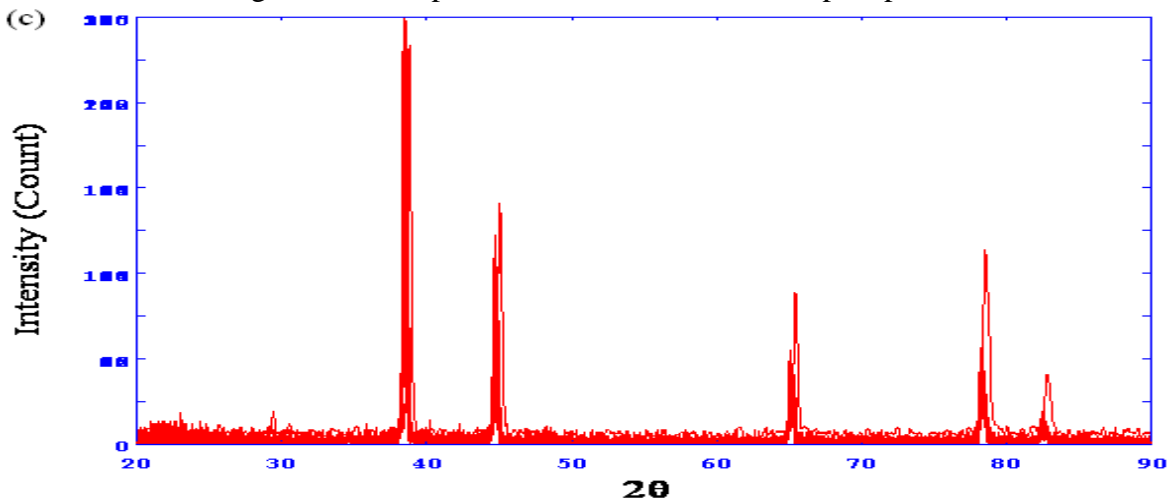


Figure 21.XRD peaks at 58.8 N load and 150 rpm speed

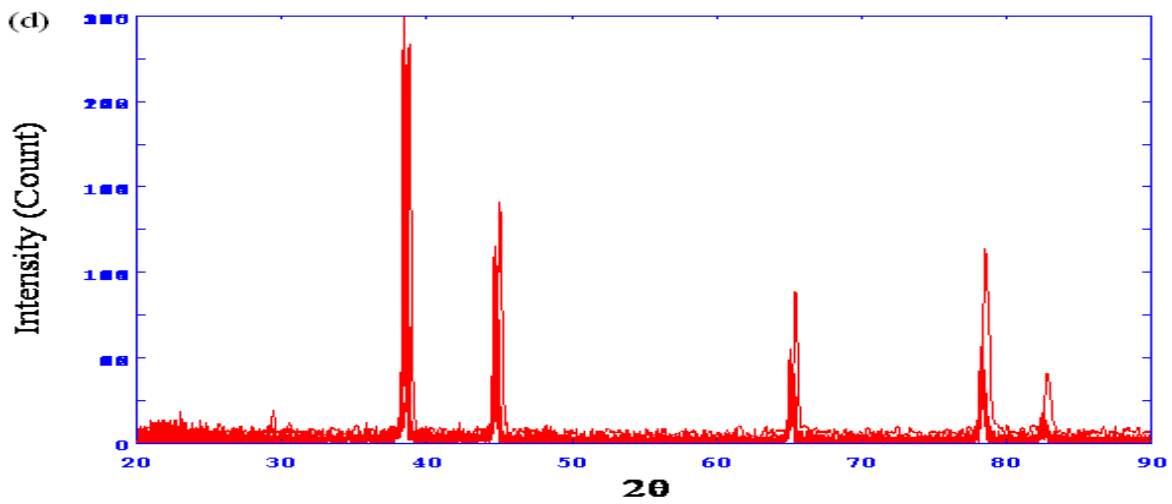


Figure 22.XRD peaks at 29.4 N load and 200 rpm speed

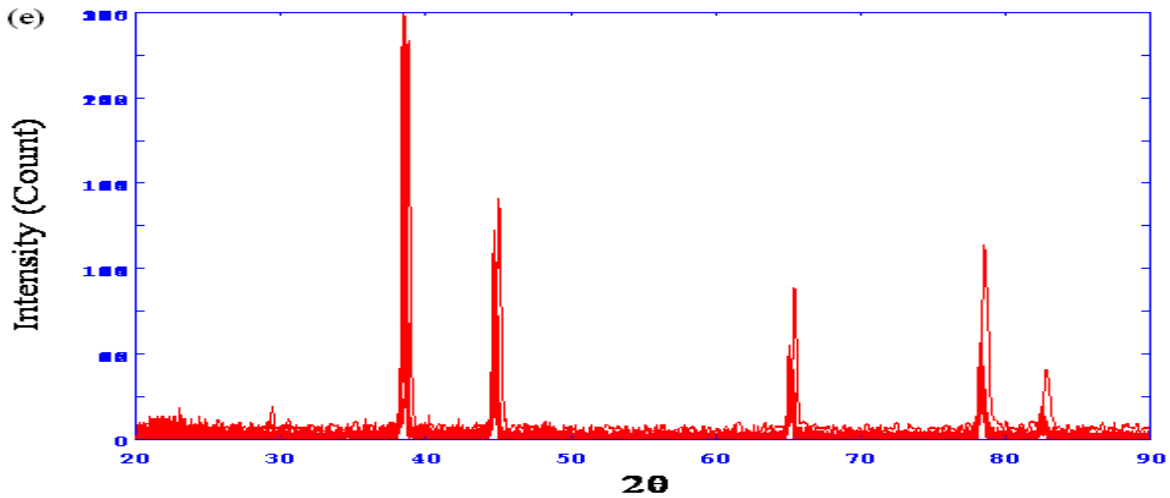


Figure 23.XRD peaks at 44.1 N load and 200 rpm speed

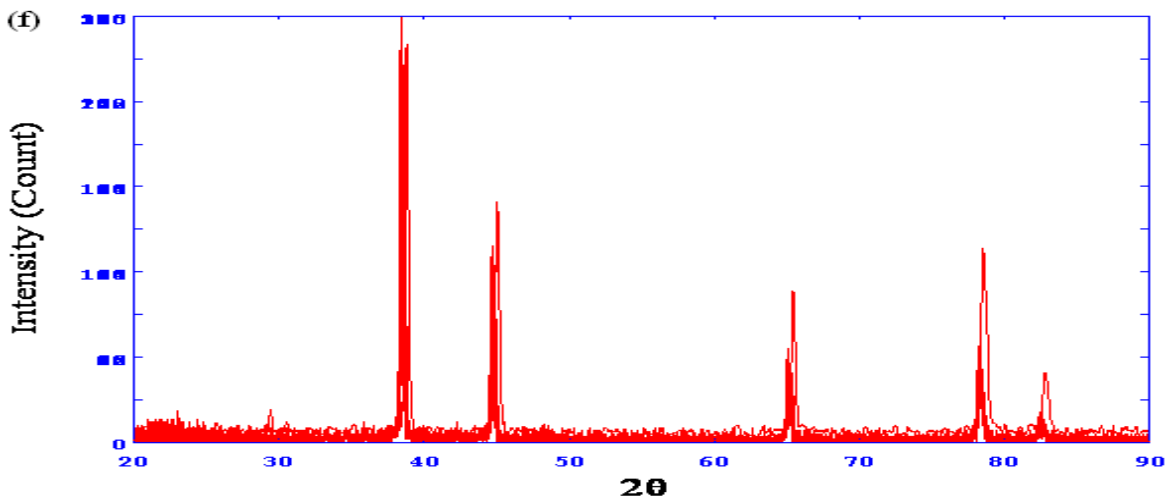


Figure 24.XRD peaks at 58.8 N load and 200 rpm speed

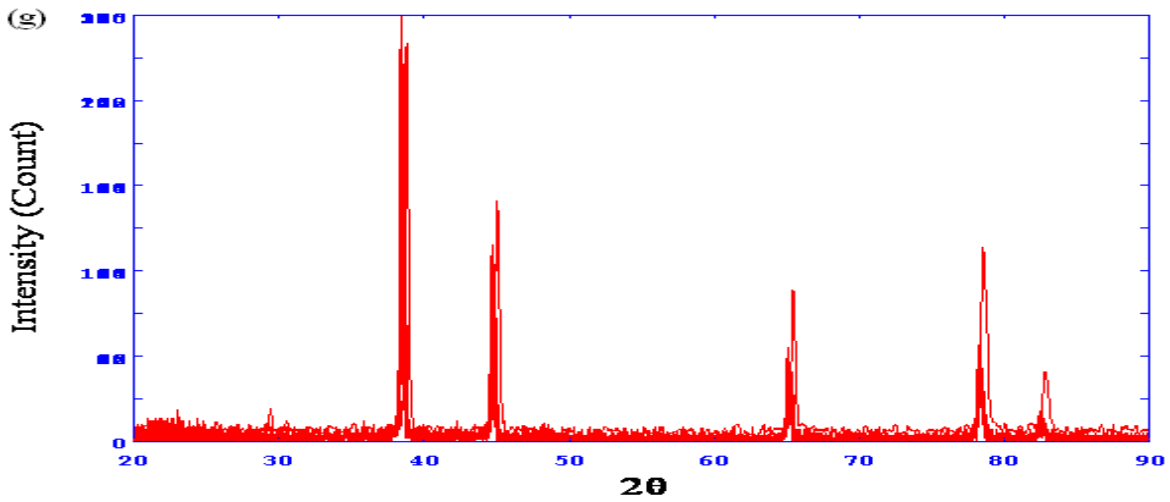


Figure 25.XRD peaks at 29.4 N load and 250 rpm speed

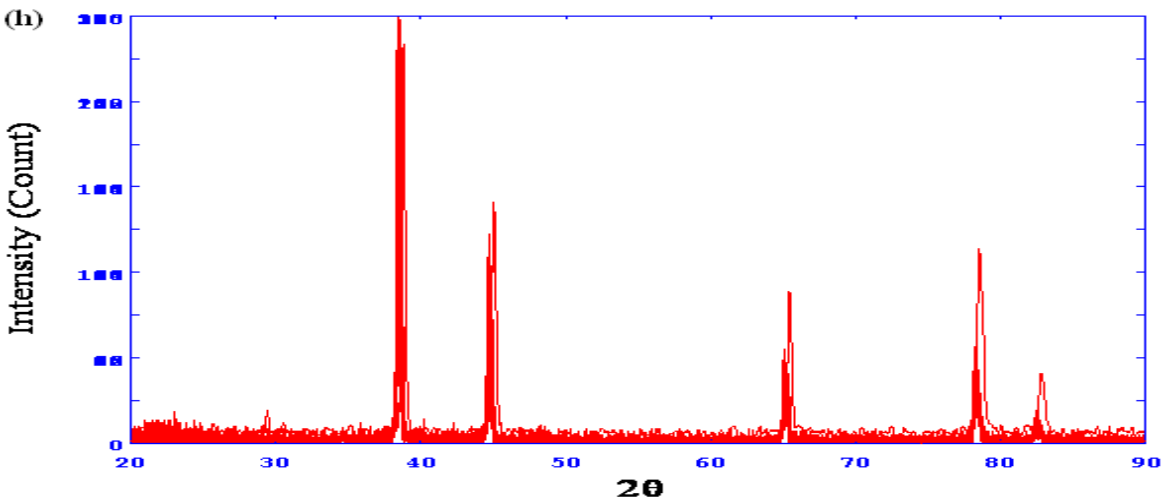


Figure 26.XRD peaks at 44.1 N load and 250 rpm speed

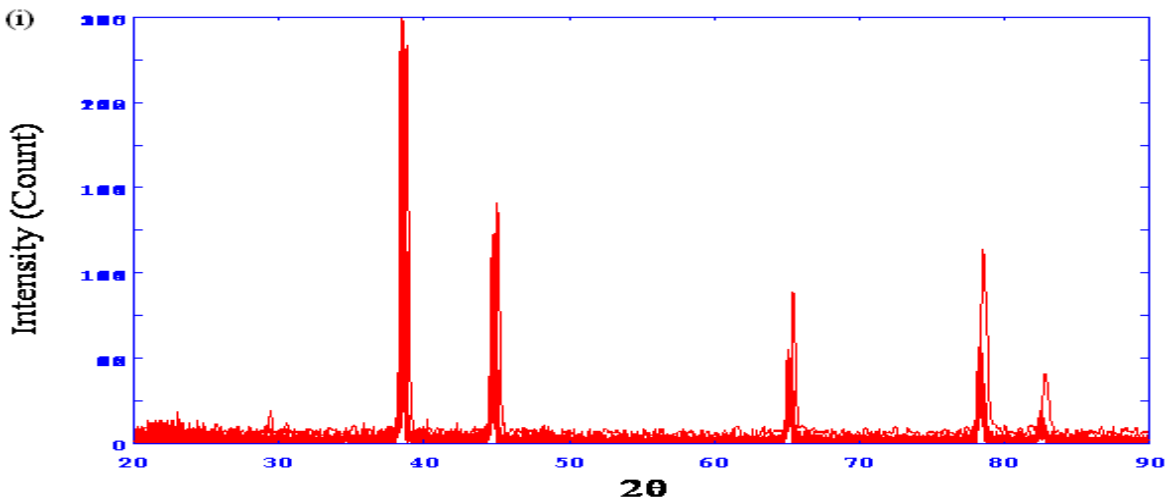


Figure 27.XRD peaks at 29.4 N load and 250rpm speed