

Figure A.1: X-ray diffraction pattern of low carbon steel (a) As-received

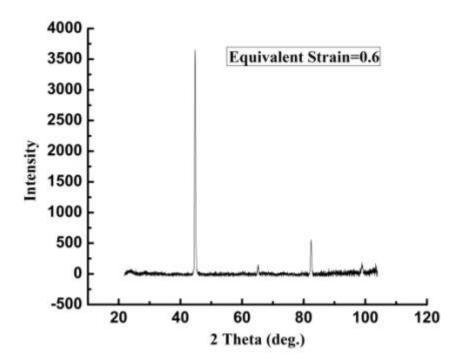
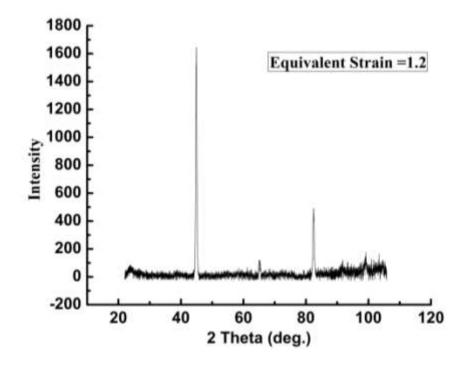
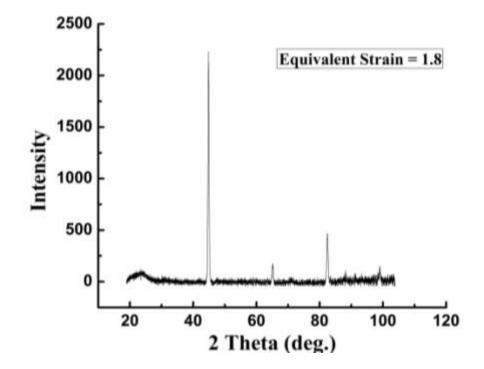


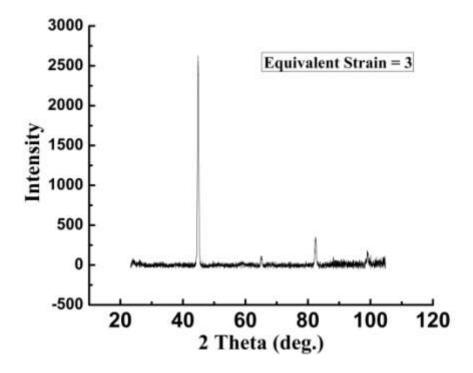
Figure A.1: X-ray diffraction pattern of low carbon steel (b)  $\varepsilon_{vm} = 0.6$ 



**Figure A.1:** X-ray diffraction pattern of low carbon steel (c)  $\varepsilon_{vm} = 1.2$ .



**Figure A.1:** X-ray diffraction pattern of low carbon steel (d)  $\varepsilon_{vm} = 1.8$ .



**Figure A.1:** X-ray diffraction pattern of low carbon steel (e)  $\varepsilon_{vm} = 3$ .

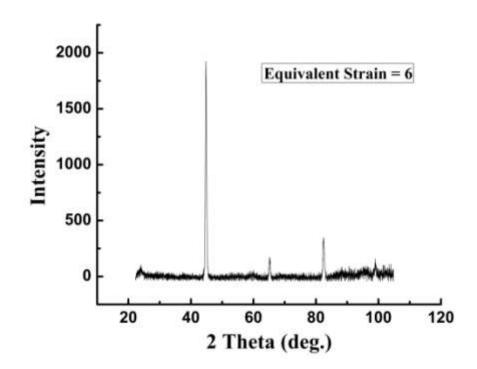


Figure A.1: X-ray diffraction pattern of low carbon steel (f)  $\varepsilon_{vm} = 6$ .

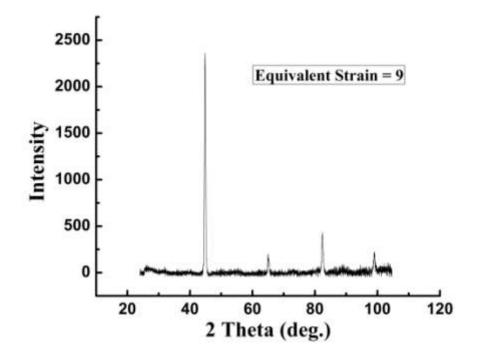


Figure A.1: X-ray diffraction pattern of low carbon steel (g)  $\epsilon_{vm} = 9$ .

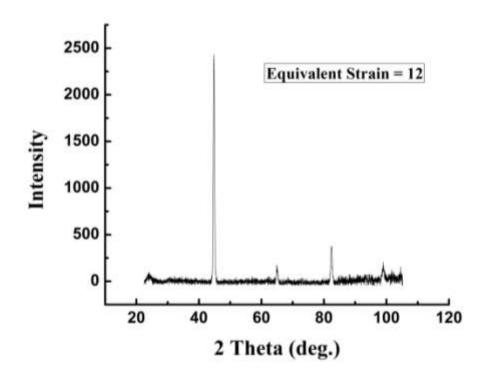
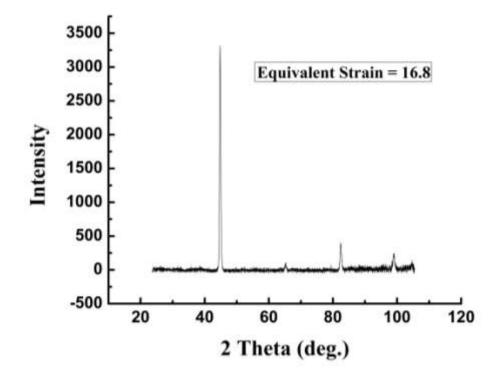


Figure A.1: X-ray diffraction pattern of low carbon steel (h)  $\epsilon_{vm} = 12$ .



**Figure A.1:** X-ray diffraction pattern of low carbon steel (i)  $\varepsilon_{vm} = 16.8$ .