Scope of Future Work:

- To study the effect of interlayer on Corrosion and Wear Behaviour of Ti\textsubscript{2}N, ZrN and ZrTiN with and without Ti/Zr interlayer.

- Use of Multilayered Ti\textsubscript{2}N and ZrN with varying modulation and Thickness.

- To study the effect of substrate and improvement in practical efficiency by depositing these Thin Films on High speed tool steel or Cemented carbide cutting tools. (Conventional cutting tool)

- Use of sophisticated instruments like Selected Area Diffractometer (SAD) and Transmission electron microscopy (TEM) for wear particle analysis.

- Use of Glazing angle XRD to find Residual stresses and Texture within the coating.

- Study of Biocompatibility of these coatings.