Project Objectives

- The objective of the present project is to employ machine learning algorithms in an attempt to develop a prediction model for progression to detect Chronic Kidney disease in an earlier stage.
- By using the wrapper method, a feature reduction analysis has been performed to find the attributes that detect this disease with high accuracy.
- By considering the parameters like albumin, specific gravity, diabetes mellitus, hemoglobin, and hypertension as features, we can predict the CKD at an earlier stage.
- As the result of our project, following program objectives can be outlined as the fundamentals for research and practical work in the field of Nephrology,

  > i. Deep research about chronic kidney disease.
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  > ii. Conduct an enquiry about the causes of chronic kidney disease.
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  > iii. Study the research observations of reported ways of treating the CKD.
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  > iv. Select the most accurate machine learning method and carry out new research to trace the disease earlier.
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  > v. Create awareness among the ordinary people and to produce a user friendly model to assess their conditions at ease of their comfort.