

# PROJECT OBJECTIVES

## PROJECT: EARLY DETECTION OF CHRONIC KIDNEY DISEASE

Date	7 November 2022
Project Name	Early Detection Of Chronic Kidney Disease Using Machine Learning.
Team ID	PNT2022TMID37140
Team Lead	Naveen Gandhi.G
Team Members	Suresh Balaji.R ,Vishwa.B, Yuvaraj.A , Paramaguru.P

- ⌘ Chronic Kidney Disease(CKD) is a condition in which the kidneys are damaged and cannot Filter blood as they always do.
- ⌘ A family history of kidney diseases or failure, high blood pressure, type 2 diabetes may lead to CKD.
- ⌘ This is a lasting damage to the kidney and chances of getting worser is high.
- ⌘ The very common complications that results due to a kidney failure are heart diseases, anaemia, bone diseases, high potassium and calcium.
- ⌘ The worst case situation leads to complete kidney failure and necessitates kidney transplant to live.
- ⌘ An early detection of CKD can improve the quality of life to a greater extent.
- ⌘ This calls for good prediction algorithm to predict CKD at an earlier stage .
- ⌘ Literature shows a wide range of machine learning algorithms employed for the prediction of CKD.