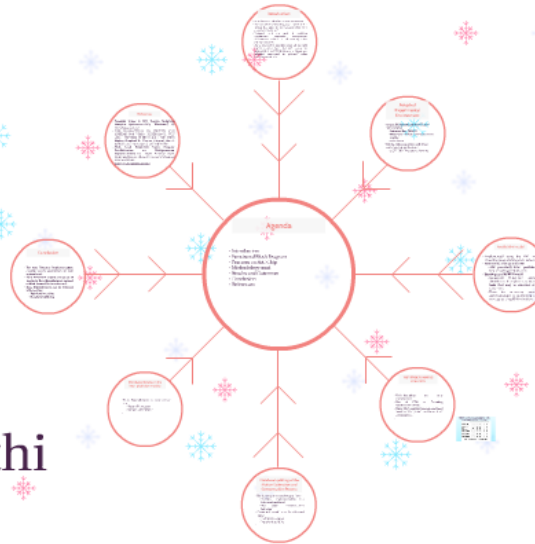


# Codec And Soccs 2015

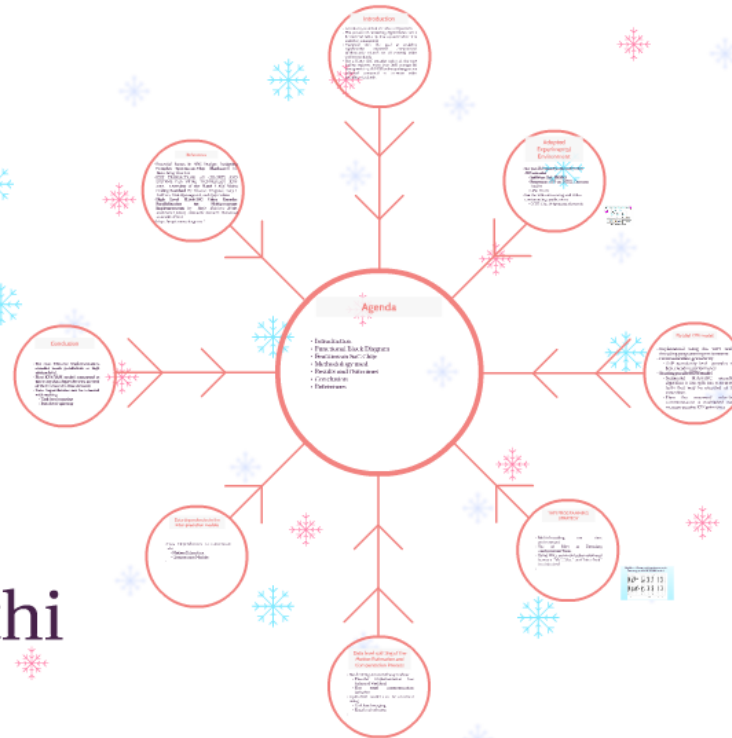


**Presented By:**  
Miss. Revati C. Rathi  
Roll No. 15

**Guided By:**  
Prof. S. C. Badwaik  
SCOPE, Pune

[TheCaseSolutions.com](http://TheCaseSolutions.com)

# Codec And Socs 2015



**Presented By:**  
Miss. Revati C. Rathi  
Roll No. 15

**Guided By:**  
Prof. S. C. Badwaik  
SCOPE, Pune

TheCaseSolutions.com



# Agenda

- Introduction
- Functional Block Diagram
- Features on SoC Chip
- Methodology used
- Results and Outcomes
- Conclusion
- References

# Introduction

- An industry standard for video compression
- The process of converting digital video into a format that takes up less capacity when it is stored or transmitted.
- Designed with the goal of enabling significantly improved compression performance relative to all existing video coding standards
- For a H.264/AVC encoder using all the new coding features, more than 50% average bit saving with 1–2 dB PSNR video quality gain are achieved compared to previous video encoding standards.



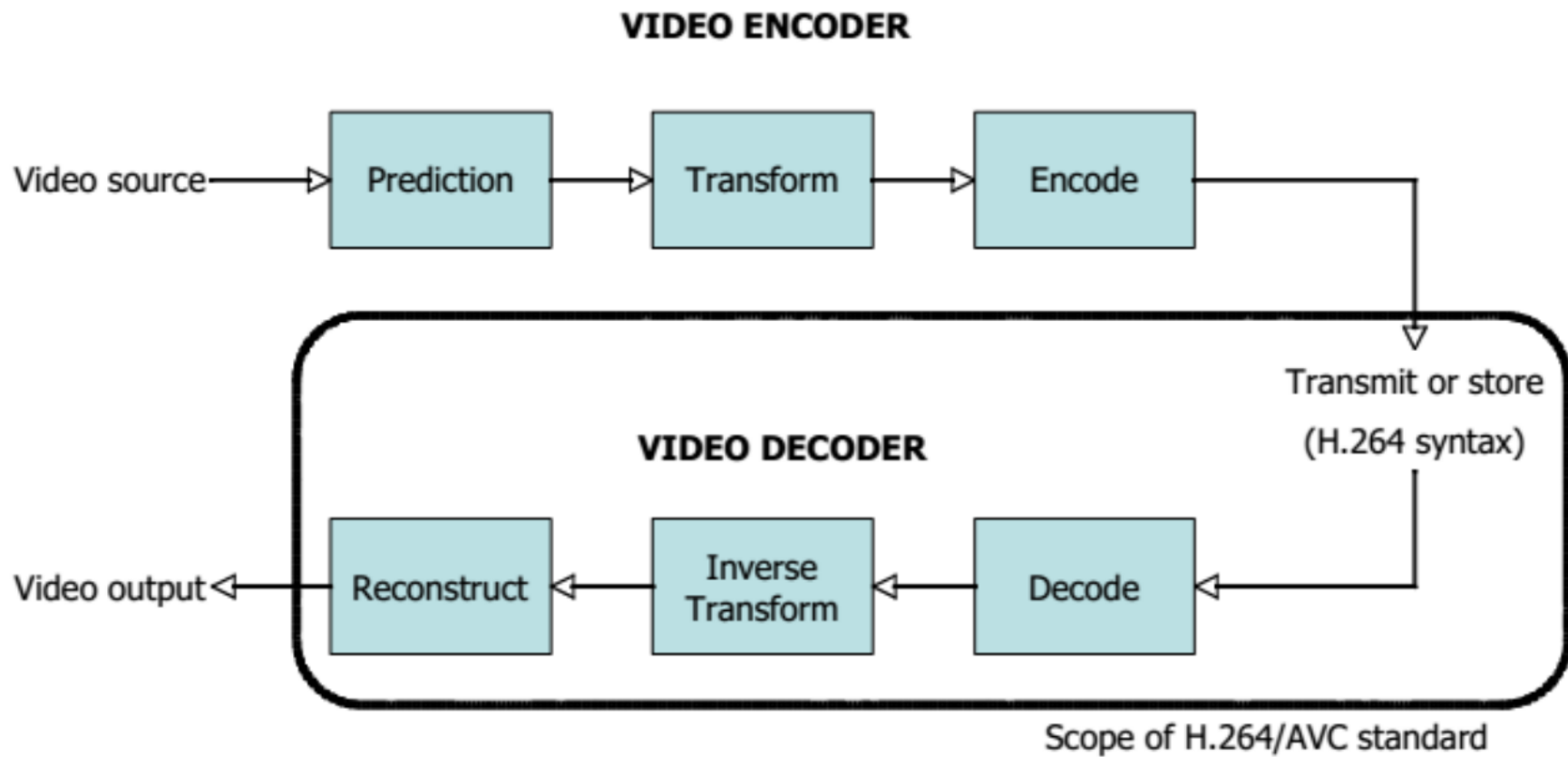


Figure 1 The H.264 video coding and decoding process

