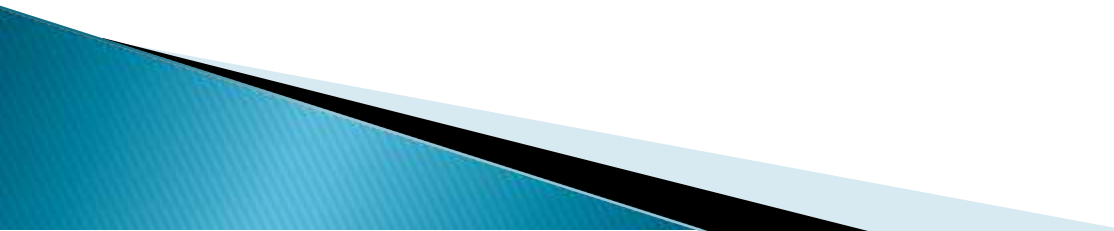



PEDAGOGY OF MATHEMATICS

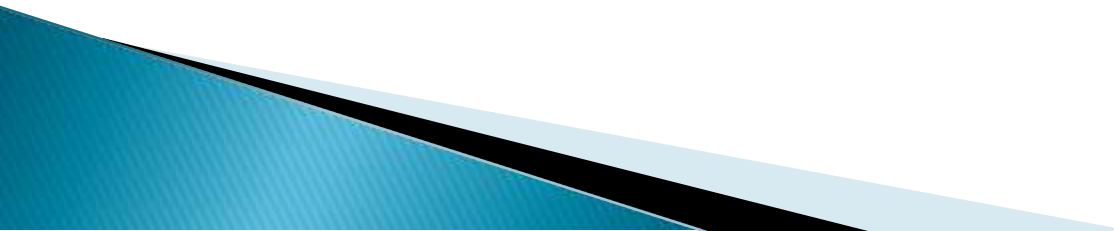
R.ANAND, M.Sc., M.Phil., M.Ed.,
ASSISTANT PROFESSOR,
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OF EDUCATION, PERRAMBALUR.



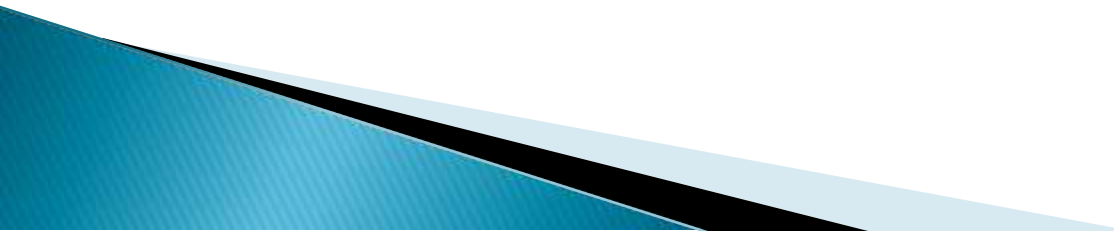
RESOURCES FOR TEACHING MATHEMATICS

- ❖ Print Resources
 - ❖ Audio Resources
 - ❖ Visual Resources
 - ❖ ICT Resources
 - ❖ Community Resources
 - ❖ Qualities Of Mathematics Textbook
 - ❖ Qualities Of Mathematics Teacher
- 

PRINTER RESOURCES

- ▶ News Paper
 - ▶ Journals
 - ▶ Magazines
- 

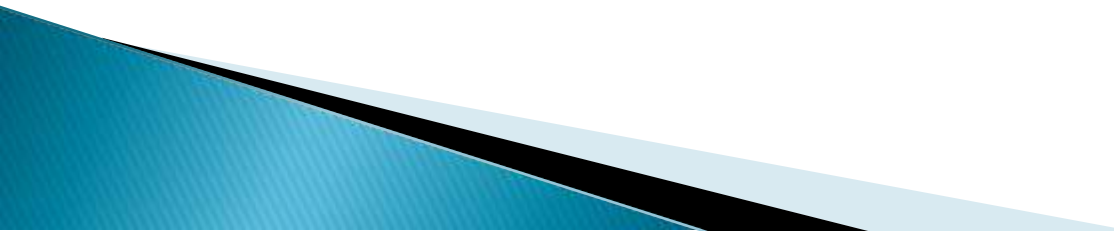
AUDIO RESOURCES

- ▶ Radio Speech
 - ▶ Audio Taps
 - ▶ DVDs and CDs
- 

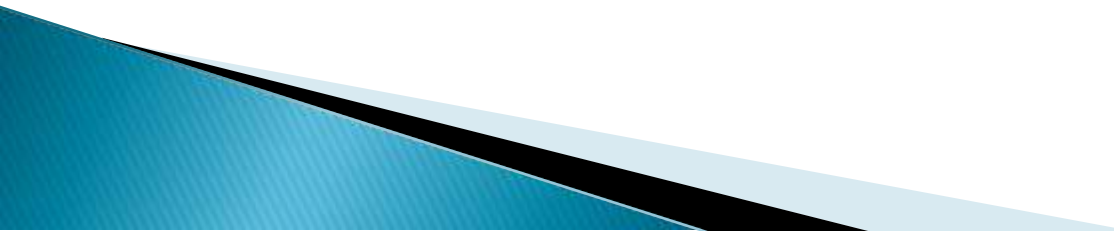
VISUAL RESOURCES

- ▶ Pictures
 - ▶ Charts
 - ▶ Posters
 - ▶ Photographs
 - ▶ Flash Cards
- 


ICT RESOURCES

- ▶ Radio
 - ▶ Television
 - ▶ Internet
 - ▶ Multimedia
 - ▶ Interactive white board
- 

COIMMUNITY RESOURCES

- ▶ Field Trips
 - ▶ Math Lab
 - ▶ Math Exhibition
 - ▶ Mathematics Club
 - ▶ Mathematics Book
- 

QUALITIES OF MATHEMATICS TEXTBOOK

- ▶ Physical Features
 - ▶ Author
 - ▶ Content
 - ▶ Organization and Presentation
 - ▶ Language
 - ▶ Exercise and Illustrations
- 

QUALITIES OF MATHEMATICS TEACHER

- ▶ Motivate and engage the students.
 - ▶ Convey the beauty of the subject.
 - ▶ Encourage their students to go beyond the classroom.
 - ▶ Help them feel confident in their mathematical abilities.
 - ▶ Have sound subject knowledge.
 - ▶ Make the subject easier by adopting suitable strategy.
 - ▶ Provide guidance and support to the students while solving the problem.
 - ▶ Have good attitude and actions.
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