

# List of Publications

## Papers published in international refereed journals

1. *Thermodynamics of glass forming polymeric melts*

**Prapti B. Pandya**, Ashmi T. Patel, and ArunPratap

AIP Conf. Proc. 1536, 655-656 (2013)

2. *Thermodynamic Behaviour of Glass Forming Polymeric Melts*

**Prapti B. Pandya**, Ashmi T. Patel, ArunPratap

[Accepted in International Journal of Scientific Research]

3. *Glass Forming Ability of ZBLAN Glass*

**Prapti B. Pandya**, ArunPratap

[Submitted to Indian Journal of Pure and Applied Physics]

## Paper Presented at Conferences:

1. Thermodynamics of Glass Forming Polymeric Melts

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**Prapti B. Pandya**, Ashmi T. Patel, and ArunPratap

XXVI Gujarat Science Congress

February 2012, Vadodara, Gujarat

2. Thermodynamic Parameters of glass forming polymeric melts

**Prapti B. Pandya**, Ashmi T. Patel, and ArunPratap

National Conference on Current Trends in Material Research

(CTMR-2012) Jaipur, Rajasthan

3. Thermodynamics of glass forming polymeric melts

**Prapti B. Pandya**, Ashmi T. Patel, and ArunPratap

International Conference on Recent Trends in Applied Physics and Material Science

(RAM-2013) Bikaner, Rajasthan

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# CHAPTER – 1

## INTRODUCTION