List of Publications

[1] Structural studies of heavy alkaline earth liquid metals
   P H Suthar, M Joshi, B Y Thakore, N K Bhatt and A R Jani

   B Y Thakore, P H Suthar, S G Kambholja and A R Jani
   AIP Conference Proceeding, 1249 (2010) 170

   B Y Thakore, S G Kambholja, P H Suthar and A R Jani
   AIP Conference Proceeding, 1249 (2010) 194

[4] Collective Modes and Elastic Constants of Liquid Al$_{83}$Cu$_{17}$ Binary Alloy
   B Y Thakore, S G Kambholja, P H Suthar, N K Bhatt and A R Jani
   CHIN. PHYS. LETT. Vol. 27, No. 9 (2010) 096203

   B Y Thakore, P H Suthar, S G Kambholja, P N Gajjar and A R Jani
   AIP Conference Proceeding, 1313 (2010) 106

[6] Concentration Dependent Electrical Transport Properties of Ni-Cr Binary Alloys
   P H Suthar, S G Kambholja, B Y Thakore, P N Gajjar and A R Jani
   AIP Conference Proceeding, 1349 (2011) 945

[7] Collective Modes in Cu$_{50}$Zr$_{50}$ Metallic Glass
   B Y Thakore, S G Kambholja, P H Suthar, N K Bhatt and A R Jani
   AIP Conference Proceeding, 1349 (2011) 525

[8] Temperature Dependent Electrical Transport Properties of Ni-Cr and Co-Cr Binary Alloys
   B Y Thakore, P H Suthar, S G Kambholja, P N Gajjar, N K Bhatt and A R Jani
   AIP Conference Proceeding, 1393, (2011) 157
List of papers presented /attended in the conference

[1] 3rd national conference on Condense Matter and Material Physics held on 3rd -5th March 2012, at Department of Physics Sardar Patel University, V. V. Nagar.

“Study of collective excitation and elastic constant of non crystalline liquid Al$_{76.5}$Co$_{23.5}$ binary alloys”
B Y Thakore, P H Suthar, Prakruti Chaudhri, P N Gajjar and A R Jani

[2] National Symposium on Advance Material in Science and Technology (AMST-2012) held on 3rd-4th February 2012, Department of Physics, Gujarat University, A’bad.

“Study of collective dynamics and elastic constant of Zr$_{57}$Ti$_5$Cu$_{20}$Ni$_8$Al$_{10}$ BMG”
B Y Thakore, P H Suthar, Prakruti Chaudhri, P N Gajjar and A R Jani


“Study of electrical resistivity of Ni-Cr binary alloys”
P H Suthar, Prakruti Chaudhri, B Y Thakore, P N Gajjar and A R Jani


“Phonon modes and elastic constant of Pd-Ni-Cu-P bulk metallic glass”
B Y Thakore, P H Suthar, Prakruti Chaudhri, P N Gajjar and A R Jani


“Dynamical variable of some transition metals”
P H Suthar, S G Khambholja, B Y Thakore, P N Gajjar and A R Jani


“Temperature Department of Electrical transport properties of Ni-Cr and Co-Cr”
B Y Thakore, P H Suthar, S G Khambholja, P N Gajjar, N K Bhatt and A R Jani

[8] 55th –DAE-SSPS-2010 held on 26th-30th December-2010 at Manipal University, Udupi

“Concentration dependent electrical transport properties of liquid Ni-Cr alloys”
P H Suthar, S G Khambholja, B Y Thakore, P N Gajjar, and A R Jani

“Collective modes in Cu\textsubscript{50}Zr\textsubscript{50} metallic glasses”
B Y Thakore, S G Khambholja, P H Suthar, N K Bhatt and A R Jani


“Dynamical correlation in some liquid alkaline earth metals near melting points.”
B Y Thakore, P H Suthar, S G Khambholja, P N Gajjar and A R Jani


“Study of Phonon modes in non crystalline Al\textsubscript{97.3}-Ni\textsubscript{2.7} alloys”
B Y Thakore, S G Khambholja, P H Suthar and A R Jani


“Electrical transport properties of Cd-Ge binary alloys”
P H Suthar and B Y Thakore


“Electrical transport properties of liquid Sn-Sb binary alloys”
B Y Thakore, P H Suthar, S G Khambholja and A R Jani

“Electrical transport properties of liquid Al-Cu binary alloys”
B Y Thakore, S G Khambholja, P H Suthar and A R Jani


“On the phonon modes in liquid aluminum”
S G Khambholja, B Y Thakore, P H Suthar and A R Jani
[14] Gujarat Science Congress held on 15\textsuperscript{th} February-2009, at Veer Narmad South Gujarat University, Surat.

“Electrical Resistivity of Mg-Al, Mg-Cd, Li-Cd and Ni-Ce binary alloys”
\textbf{P H Suthar}, S G Kambholja, N K Bhatt and B Y Thakore

“Collective dynamics of Al\textsubscript{66.3}-Cu\textsubscript{27.7} binary alloys”
S G Kambholja, \textbf{P H Suthar}, N K Bhatt and B Y Thakore

[15] 53\textsuperscript{rd} DAE Solid State Physics Symposium held on 16\textsuperscript{th} -20\textsuperscript{th} December-2008, at BARC.

“\textit{Structure studies of heavy alkaline earth liquid metals}”
\textbf{P H Suthar}, Mitesh Joshi, B Y Thakore, N K Bhatt and A R Jani

[16] National workshop on “Light Scattering: its application in Astrophysics and Other fields.” held on 7\textsuperscript{th} -8\textsuperscript{th} November at Gujarat Arts and Science college.

[17] Gujarat Science Congress held on 9\textsuperscript{th} March-2008, at Bhavnagar University, Bhavnagar.

“Total energy of some FCC metals”
\textbf{P H Suthar}, P S Vyas and B Y Thakore

[18] State Level Physics Teachers’ Camp held on 19\textsuperscript{th}-22\textsuperscript{nd} November-2007, at Science City, Ahmedabad.

[19] One day Seminar on “Physics for Young and Prospective Teachers” held on 23\textsuperscript{rd} September-2007, at Department of Physics, S P University, Vallabh Vidyanagar.

[20] 21\textsuperscript{st} Gujarat Science Congress held on 11\textsuperscript{th} March-2007, at Hemchandracharya North Gujarat University, Patan.