“INVESTIGATION OF METALLURGICAL BEHAVIOUR OF MOLTEN ALLOYED ALUMINUM FOR ULTRASONIC DEGASSING PROCESS”

THESIS

SUBMITTED BY

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(REGISTRATION NUMBER: 11D0344)

IN PARTIAL FULFILLMENT FOR THE

DOCTOR OF PHILOSOPHY (PH. D.) IN ENGINEERING & TECHNOLOGY (MECHANICAL ENGINEERING)

UNDER THE SUPERVISION OF

DR N M BHATT

TO

KADI SARVA VISHWAVIDYALAYA

GANDHINAGAR (GUJARAT)

INDIA

(FEBRUARY, 2017)
Dedicated to my ultimate destiny, eternal source and a final destination...

Na Tato, Na Mata, Na Bandu Na Data,
Na Putro, Na Putri, Na Brutyo, Na Barta,
Na Jayaa Na Vidhya, Na Vrutir Mamaiva,
Gatisthwam, Gatisthwam Tvam Ekaa Bhavani...

Bhavabdhava Pare, Maha Dhukha Bheeru,
Papaatha Prakami, Pralobhi Pramatha,
Kusamsara Pasa Prabadha Sadaham,
Gatisthwam, Gatisthwam Thwam Ekaa Bhavani...

Na Janaami Dhanam, Na Cha Dhyana Yogam,
Na Janami Thanthram, Na Cha Stothra Manthram,
Na Janami Poojam, Na Cha Nyasa Yogam,
Gatisthwam, Gatisthwam Thwam Ekaa Bhavani...

Na Janami Punyam, Na Janami Theertham,
Na Janami Muktim, Layam Vaa Kadachit,
Na Janami Bhaktim, Vrutam Vaapi Maata,
Gatistwam, Gatistwam, Tvam Ekaa Bhavani...

Kukarmi, Kusangi, Kubudhi, Kudhasa,
Kulachaara Heena, Kadhachaara Leena,
Kudrushti, Kuvakya Prabandha, Sadaham,
Gatisthwam, Gatisthwam, Thwam Ekaa Bhavani...

Prajesam, Ramesam, Mahesam, Suresam,
Dhinesam, Nisidheswaram Vaa Kadachit,
Na Janami Chanyath Sadaham Saranye,
Gatistwam, Gatistwam, Tvam Ekaa Bhavani...

Vivadhe, Vishadhe, Pramadhe, Pravase,
Jale Cha Anale Parvathe Shatru Madhye,
Aranye, Saranye Sada Maam Prapahi,
Gatistwam, Gatistwam, Tvam Ekaa Bhavani...

Anadho, Dharidro, Jara Roga Yukto,
Maha Ksheena Dheena, Sada Jaadya Vaktra,
Vipatou Pravishta, Pranshata Sadhaham,
Gatistwam, Gatistwam, Tvam Ekaa Bhavani...

|| Shree Bala Tripura Sundari ||