

# Max-Planck-Institut für Dynamik komplexer technischer Systeme

Max Planck Institute for Dynamics of Complex Technical Systems



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Dr.-Ing.  
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**Letter of Invitation for Mr. Sahil Desai, Pass. Num.: P3077701**

October 22<sup>nd</sup> 2018

Dear Madam/Sir,

I writing this letter to support visa application of **Mr. Sahil Desai** born on 23<sup>rd</sup> of October 1997 in Ahmedabad with residence address Bungalow-1, Ashirvad-4, Prahaladnagar, Ahmedabad, Gujarat, Zip code: 380051, India. I am pleased to invite **Mr. Sahil Desai** as a **visiting scholar** to carry out his undergraduate bachelor's thesis at the Max Planck Institute for Dynamics of Complex Technical Systems Magdeburg for approximately 5 months starting roughly from 5<sup>th</sup> of January 2019 till 20<sup>th</sup> of June 2019. Due to his profound background in fluid dynamics with emphasis in programming and computational methods, we are convinced that he is suited for working on the project described below.

I will be his supervisor at Max Planck Institute in Magdeburg. During his stay, his research will be focused on the further development of a numerical dynamic and one dimensional reactor model for the electrolysis of hydrogen chloride to chlorine. The focus lies on further developing and implementing codes for modeling complex physical phenomena like heat transfer and multiphase mass transfer in MATLAB. I will provide access to the equipment and supplies in my lab that he will need to perform his research.

No funding or financial support of any kind is included with this invitation. However, he will be given accommodation free of cost at the Max Planck guest house for the entire period of his stay. The address of the guest house is: Sandtorstrasse 1, 39106 Magdeburg, Germany.

In case of any further questions please do not hesitate to contact me.

Sincerely,

Dr.-Ing. Tanja Vidakovic-Koch

