



Bundesanstalt für Materialforschung und -prüfung (BAM) · 12200 Berlin, Germany

To whom it may concern

Berlin, 1st November 2017

Letter of Recommendation

It is with great pleasure that I write this letter of recommendation for Neha Yadav to support her in her future career. She has completed a summer internship in 2017 with great success at "Bundesanstalt für Materialforschung und -prüfung" (BAM) in the division 7.5 "Technical Properties of Polymeric Materials" of which I am the head of. Her works was in the field "Flame Retardancy of Polymers".

Neha has a deep passion for science, especially for her field of polymer engineering. She first approached me during her Master studies in search for an internship. During our first meeting before the internship, I was very intrigued on an academic and personal level, so that a brief introduction turned into a two hour conversation and lab tour. Soon after the first encounter, she joined our group for the internship and showed strong analytical skills, teamwork and creativity.

Neha assisted PhD students and post docs in their ongoing projects and took on various topics at once. After providing her with the literature and basic introduction, she was able to perform experiments and carry out the analysis of the data independently. Neha worked on various testing methods, including:

Attenuated total reflectance - Fourier transform Infrared Spectroscopy, ATR - FTIR
Thermogravimetric Analysis – Evolved gas analysis, TGA/TGA-FTIR
Oxygen index, LOI
Cone calorimeter

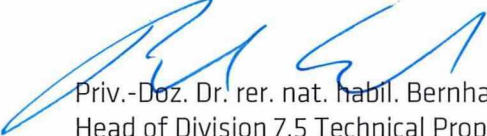
During the period of her internship, Neha has proven herself to be confident when presented with new tasks and problems and was able to provide well-defined solutions. At the same time, Neha was able to offer insightful suggestions and ideas which her colleagues found very valuable. She proves in-depth knowledge of her field by asking deep and intelligent questions. Neha was very well accepted by her colleagues in any setting owing to her vivid, outgoing, and friendly personality. Additionally, Neha's fluency in English allowed us to have perfectly smooth communication.





Overall, Neha Yadav is an intelligent, well-rounded, and grounded individual who challenges herself and actively seeks new opportunities and experiences. She has the determination, maturity, and intelligence to succeed in any of her endeavours and will work hard to achieve her goals while always maintaining a positive attitude.

Sincerely,



Priv.-Doz. Dr. rer. nat. habil. Bernhard Schartel
Head of Division 7.5 Technical Properties of Polymeric Materials