

Letter of Recommendation for Piyush Yadav

To whomsoever it may concern,

Piyush Yadav is a bachelor student from the Delhi Technological University. He performed an internship in our institute from 03.06.2019 to 07.08.2019. In this time period his main tasks were:

- Literature Research regarding potential options for temporary substrates
- Planning and execution of process optimizations in the electrochemical deposition of Ni contacts on solar cells
- Extensive characterisations of the etching behaviour in AlAs sacrificial layers using scanning acoustic microscopy

Mister Yadav executed his tasks very motivated and reliable. Despite the fact that he is still in his bachelor's studies, he showed extraordinary apprehension skills and a pronounced analytical thinking assets as well as a well-founded technical expertise. He soon succeeded in contributing own ideas to solve the problem at hand. In the laboratory, Mr. Yadav worked most exact, accurately and structured. He performed his tasks self-contained and always to our full satisfaction.

Mr. Yadav was generally highly appreciated due to his friendly and helpful manner. We wish Mr. Yadav all the best for his future career.



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The **Fraunhofer-Institute for Solar Energy Systems ISE** is the largest Solar Energy Research Institute in Europe. The Institute's work ranges from fundamental scientific research relating to solar energy applications, through the development of production technology and prototypes, to the construction of demonstration systems. The internship was hosted in our department „**III-V Photovoltaics and Concentrator Technology**“ which develops the most efficient PV technologies for concentrating photovoltaics, space photovoltaics and power by light technology. The department developed the world's most efficient multi-junction solar cell which has a conversion efficiency of sunlight into electricity of 46 % and hosts a number of further outstanding achievements.

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