

## Certified Solar Employee Winter School at SRH Hochschule Berlin

- Nithin Jacob Cherian, India, PPRE 16/18

Keen to explore the Solar/Photovoltaic industry? Looking to build some amazing networks within renewable energy? Thinking about enhancing your knowledge in the Solar energy technical and business aspects? The 6-week Winter School course (worth 5 ECTS) organized by SRH Hochschule Berlin that certifies the participant as a certified solar employee or entrepreneur, is the perfect answer for all these questions.

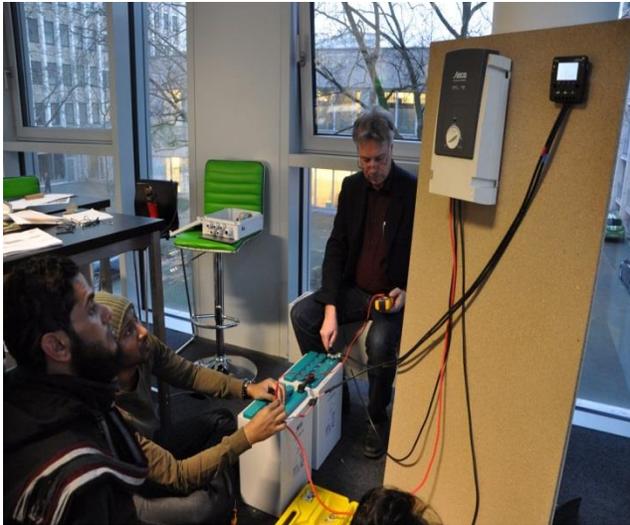
I got the pleasure to attend the 3<sup>rd</sup> version of the Winter school along with 13 other international participants, 14 collaborating companies, many professionals and trainers during the February 2018. The course consisted of 2 week online training before the 2 intensive week program at the Hochschule and 2 weeks follow up assignments after the meet. Overall, it was a great experience to engage with some of the great business minds and the professors of the hochschule The 14 candidates came from around 8 countries and were a mix of renewable energy students, freelancers, business men and energy professionals.

More than just the business and technical aspects of the solar industry the course involves the candidate in the design thinking, human resource aspects, innovative solution making and general physical training.

The 2 weeks at the SRH Hochschule were very intensive days engaging the participants with all the aspect that a solar engineer must be aware of.

Week 1: The week 1 of the stay at Berlin covered the technical aspects of Solar PV systems: System Designing, Batteries, visits to battery manufacturer, installation of 1kW system for the hochschule, practical training with inverters and charge controllers, cost calculations, tips at the field, monitoring and control and lot more. We as a group we explored the Berlin culture and engaged ourself with the social activities. Companies like Infinite fingers, Solara, Phaeson, Phocos Solar Kiosk, Studer and morning star gave us a deep insight into their wide range of Solar components and services. The daily lunch and the occasional meetups during nights helped us to build up a nice team within us. With the installation and commissioning of the 1kW system on the roof of the hochschule, ended up the week 1 of the course.





Week 2: The week 2 of the stay at SRH was more about the business aspects of the solar industry: innovative ideas and products, sales experiences, contracts and book keeping, project planning etc. The participants visited a solar panel manufacturer in the outskirts of Berlin and it was a first time fascinating experience for many of them to see the robots in action. The intensive days at Berlin ended up with exchanging contacts within the team and with a note of future cooperations and networking with each other and with the Hochschule.



It was a nice experience to meet Russom Semere (ex PPRE) as a trainer from Phaeson GmbH, showing the wide reach of our alumni in the renewable industry. He explained the working of Solar pump systems and along with us installed a pump system from Phaeson and commissioned it successfully.





The follow-up of the Winter school included an assignment to design and create a quotation for a specific case study in which most of the participants activity participated. Complimentary to the Winter school is a summer solar team up which takes place in Berlin+ Bavaria. For more information kindly visit <https://www.srh-hochschule-berlin.de/en/study-programmes/short-courses/solar-winter-school/> or contact Matthias Raab (coordinator of the course) on [re-training@srh-hochschule-Berlin.de](mailto:re-training@srh-hochschule-Berlin.de)

