

IITH was one of the best decisions, I took

I am PARCHURI Pradeep Kumar and I pursued my masters and graduated from the Department of Materials Science and Metallurgical Engineering (MSME), IIT Hyderabad in 2016. Later the same year, I have joined the Joining and Welding Research Institute (JWRI) of Osaka University to pursue doctoral studies and graduated in 2019. Currently, I am working for Suzuki Motor Corporation, Japan in Research and Development section.

Pursuing an education in IITs is a prestigious and privileged feeling that motivates many youths of India to join IITs. In the same way, I also dreamt to join IITs. I somehow got into IITH by chance as I missed the opportunity to join IITKGP. However, I realized joining IITH was one of the best decisions I have ever made that taught me several things and guided me to where I am currently.

I enjoyed learning the courses taught by Dr. Subhradeep Chatterjee and Dr. Saswata Bhattacharjee of IIT Hyderabad. The way they teach and excites while explaining the topics to students made me fascinated and enthusiastic, which always motivates me to work hard.

If I have to say, the lectures of Prof. BS Murthy and his student Mr. Veera Sreenu stirred my thoughts and created passion toward research when I was in my Bachelors. To be specific the topics of Physical Metallurgy, Mechanical Metallurgy and Joining and Welding are my favorite subjects.

Although I could not contribute as an organizer to most of the events organized at IITH I could enjoy playing badminton at IIT Hyderabad.

I could get hands-on experience to operate a secondary scanning electron microscope (SEM) and used a little of ABAQUS and MATLAB for my research. I could also use the X-Ray diffraction technique.

Hands-on experience on SEM and X-RD helped me to continue my research at Osaka University. Other than such specialized training, the logical scientific reasoning skills and passion for research I learnt at IITH from my supervisor Dr. Subhradeep Chatterjee and several other professors in MSME have greatly helped me to finish my doctoral studies in time. The best moment I would say was receiving an Academic Excellence award during my second semester. And of course, my graduation ceremony and being awarded the JICA Scholarship to pursue my higher studies in Japan.

I want to say to fellow IITHians that you are privileged to be at IIT Hyderabad and of course you have earned it through your hard work. Hope you will continue the same for your personal and professional growth and parallelly for institute growth.

Being a new IIT is the best thing that I consider the best about IITH that motivates and encourages the students as well professors and management to give their best in order to take the institution to another level. At the same time being a new institution pose challenges in terms of infrastructure, funds etc., However, IITH is somehow blessed and it could cross all those barriers in a short period of time to compete with all the other institutions with its invaluable efforts.

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I do not know how the infrastructure in the MSME department is, but during my studies it was mediocre, and I could hardly use several machines due to lack of funding and time were taken to repair the machines. Providing proper funds and get any machine repaired on time is one of the important things any management could do to a research institute/group, which keeps the researchers encouraged and motivated always. Hope IITH is already doing it.

I am working with Suzuki Motor Corporation Japan for about a year. Working with Japanese companies exposed me to their innovative and great technologies that are of world standards and working culture, industrial problem-solving approach, dedicative nature toward work and importantly, respecting every job. I am currently enjoying working with Suzuki to develop new materials and manufacturing techniques for automobiles.

Although it is challenging every day in a Japanese industry where the working environment is also in Japanese. However, on the other hand, it is fun facing those challenges rather than giving up and it turns into joy when you see yourself battling and winning those challenges and that put a satisfying smile on your face at the end of your day. I could also observe and understand how well-organized Suzuki and how they divided all the departments inside the company to make an automobile.

I feel so fascinated by the thought sometimes that we all-around 20,000 (roughly) employees work together to manufacture an automobile that has around 20,000 parts (roughly). Well, I am still a newbie here at Suzuki to write more about my experience at Suzuki. So...

Let me talk about my student life experience instead. I consider myself to be privileged to be an awardee of the JICA-IITH scholarship. The

initial support to settle in Japan and medical insurance that all the scholars receive during their studies from JICA is a great support that anyone could receive from any scholarship.

I sincerely convey my gratitude to both IITH and JICA for that. Not only that, I could join one of the best institutions in the world for welding, which is the Joining and Welding Research Institute (JWRI) of Osaka University. Also, I could join Prof. Kazuhiro Ito who is the best supervisor one could get to pursue their doctoral studies. He and my lab mates were very supportive during my initial days to adopt to the new conditions over here and encouraged me to speak in Japanese. They have always backed me up in my research as well in my personal life in Japan. That helped me to cope up with the Japanese culture and tradition very early and made me considerably fluent in Japanese.

I am very adoptive, probably because the institutions that I have studied taught me that (RGUKT, Nuzvid and IITH).

Thus, it was not very difficult for me to adjust here and to lead a normal life. I could attend 12-14 national and 2 international conferences during my studies at JWRI and that shows how much research exposure one gets by studying at prestigious institutes of Japan.

While I was studying at Osaka University, I could get a chance to work as an intern at Suzuki Motor Corp., through JICA-IITH Friendship annual meet, which eventually opened the doors to get placed here to continue my career in Japan. Pursuing studies in Japan not just makes you disciplined in studies but also make you disciplined in your life in several ways.

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Doctoral Studies, Welding Research
Institute (JWRI), Osaka University (2019) &
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Motor Corporation, Japan

Picture for a Suzuki employees union monthly booklet, in Indian clothing with Japanese colleagues

Do not shy away from trying something new

KID: 20200431

To summarize:

I am Prathyusha, which means Early morning or Dawn. Someday, in the hope to live up to my name.

I graduated from a batch 2018 and now working as an R&D engineer at Suzuki headquarters, Japan.

Why IIT?

I was introduced to JEE in my 10th standard (high school). It felt new, fun and challenging. I signed up for the classes along with my friends. Meanwhile, luckily, I had some opportunities to speak to a retired professor from IIT (Kharagpur). The life he described at IIT seemed

like an alternate ideal universe (My school had a very traditional & pretty strict environment). With the constant support from my parents & teachers, I cracked JEE!

Why IIT Hyderabad?

I wanted to join the electrical department (cause I fancied inverters at that time lol) and with my rank, IITH seemed like a wise choice. In those times(2014), the director of IITH was from the electrical department and the department also had professors with great background(Prof. Kiran Kuchi etc.), connections with foreign universities and cool projects.

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