

A SHINING STAR IN THE WORLD OF HAND SOLDERING

FROM INDIA TO GLOBAL STAGE



ROSHAN DHYANI
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On November 15, 2024, the IPC World Hand Soldering Championship in Munich, Germany, witnessed a historic moment for India. Roshan Dhyani, a Senior Technician at Barco India, earned the nation's first-ever podium finish in the prestigious global competition, securing an impressive 2nd position. This landmark achievement not only highlighted Roshan's exceptional talent but also marked a proud milestone for the Indian electronics industry.

Hearing his name among the top three was a surreal experience for Roshan, filled with immense pride. **"It was overwhelming to know that my effort and preparation brought recognition not only to me but also to India,"** he shared.

The competition was fierce, as participants raced against time. Competing on the world stage brought its own set of challenges, including unfamiliarity with certain equipment, such as microscopes. However, Roshan's rigorous training and adaptability enabled him to face these challenges confidently. He completed the intricate board assembly in 59 minutes and 31 seconds, showcasing his exceptional skill under pressure.

Roshan's journey to this global platform was built on years of dedication and diligent preparation. Excelling in regional and national IPC hand soldering competitions, he knew that success at the world championship required an elevated approach. **"I focused on refining my skills, practicing under simulated competition conditions, and learning from the experiences of past champions,"** he explained.

Barco India played a vital role in his success, providing the robust training and certification opportunities. Roshan acknowledged the invaluable mentorship he received from his seniors like Mr. Anurag Bansal, Mr. Amit Jain, Mr. Rajan Arora, and Mr. Rajeeva Lochan Sharma. Their guidance was instrumental in shaping his journey to the top.



He also expressed gratitude to IPC India trainers, Mr. CS Nagraj and Mr. TN Phanishayee for refining his abilities through rigorous certifications. He also sincerely thanked Mr. Gaurab Majumdar and Mr. Philippe Léonard for their invaluable guidance and support at the venue. Additionally, he appreciated the contributions of Ms. Sneha Sreekanteshwaran and Mr. Abhishek Upadhyay for facilitating his journey to Germany.

Mr. Gaurab Majumdar, Executive Director - IPC, emphasizes the significance of such initiatives, stating ***“Indian EMS sector is growing & good percentage contributing to exports. PCBA companies supplying particularly to defence, aerospace, automotive, medical & industrial are encouraging technicians for IPC skill development programs. One of the significant processes in printed circuit board assembly is hand soldering. Adhering to procedures, standards & best practices are the basic concepts for producing high-quality and reliable solder joints. During 2025, IPC will be rolling out hand soldering competition at company premises to educate technicians & operators on best practices.”***

The foundation of Roshan’s success lies in his adherence to IPC standards, which emphasize quality, reliability, and efficiency. His years of competing in IPC hand soldering championships in India, equipped him with invaluable experience, which became a crucial asset when he stepped onto the world stage.



HAND SOLDERING COMPETITION

Reflecting on his achievement, Roshan delivered a message of inspiration for aspiring electronics technicians in India: ***“Embrace the challenge of mastering hand soldering skills. It’s a rewarding journey that can lead to incredible opportunities. By adhering to global standards like IPC, you can contribute to the growth of India’s electronics industry and make your mark on the world stage.”***

Roshan Dhyani’s remarkable performance at the IPC World Hand Soldering Championship 2024 underscores the importance of fostering excellence and adhering to global standards for aspiring technicians, demonstrating what is possible with skill, dedication, and support.

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