

A Report on MoU Signing and Establishment of Center of Excellence at KSSEM

Date: 15th May 2025

Time: 1:30 pm – 4:00 pm

Venue: Silver Jubilee Auditorium, KSIT and Center of Excellence, KSSEM

K S School of Engineering entered into a collaborative partnership with Altium Limited, by signing a Memorandum of Understanding with Altium on 15th May 2025, and with the establishment of a Center of Excellence in the institution, ensured that the students and faculty of KSSEM have a strong association with Altium and Renesas Corporation.

The proceedings began with Mr. Rea Callender, Vice President of Education, Altium Inc, signing a Memorandum of Understanding with K S School of Engineering and K S Institute of Technology.



Fig 1. Exchange of MoUs between Mr. Rea Callender and Management of KSGI

The formal event began at the Silver Jubilee Auditorium at K S Institute of Technology, where the delegates including the members of the Management, Dr. KVA Balaji, CEO, KSGI, Dr. Swamy D R, Executive Director of KSRIIF, and the Principals of KSSEM, KSIT and KS Polytechnic took the stage. Following an invocation song and lighting of the lamp, the activities that had been conducted at KSIT and KSSEM, in collaboration with Altium were highlighted, and the importance of the MoU with Altium was explained. This was followed by brief talks by the delegates about the role played by Altium in the industry, as being the providers of industry-standard circuit design tools and services, and how the MoU would greatly benefit the faculty and student community in the institutions.



Fig 2. Management of KSGI felicitating Mr. Rea Callender

Later, Mr. Callender gave a talk about the features of Altium Designer and Altium 365, the various Scholarship and Internship opportunities provided by Altium, as well as all the excellent learning opportunities and benefits the student and faculty communities could obtain from the signing of the MoU between Altium and the institutions. Later, Mr. Callender had a session of interaction with the student community, where he talked about the training programs and the students' expectations from Altium, as well as the opportunities they could avail. The event concluded with the Management of KSGI felicitating Mr. Callender.

This event was followed by the Inauguration of the Centers of Excellence at both KSIT and KSSEM.



Fig 3. Inaguration of the Center of Excellence for PCB Design at KSSEM

At K S School of Engineering and Management, Mr. Callender inaugurated the Center of Excellence, where he engaged in discussions with some students of the Electronics and Communication Engineering department. A few final year students demonstrated their projects, and explained how they had utilized the knowledge gained during their prior training courses with Altium, as part of their projects. This included projects where complex circuits had been designed using Altium Designer, as well as ones where PCBs had been designed and fabricated and were used as part of the final year projects.



Fig 4. Mr. Rea Callender cutting the Ribbon and inaugurating the Center of Excellence



Fig 5. Inauguration of the Center of Excellence for PCB Design at KSSEM

Mr. Callender had an extended session of in-person interaction with the students who were present at the inauguration event, where they had discussions about the necessity of the center of excellence and the need for training programs to augment their curricular learning beyond the university prescribed syllabus, and how such certifications and knowledge gained would greatly benefit the students in their careers. Mr. Callender also emphasized about the upcoming training content where the students and faculty could get certifications in courses on end-to-end microcontroller design from Renesas Electronics, which would involve lessons on hardware as well as embedded software design courses, which offer a lot of promise in the employment arena in the near future.



Fig 6. Mr. Rea Callender interacting with students of ECE Department

The Signing of the Memorandum of Understanding between K S School of Engineering and Management and Altium Ltd is a positive step towards strong industry-institution collaboration, with the promise of industry-oriented skill development offerings being provided to the faculty and student bodies. The establishment of a Center of Excellence in PCB Design, in association with Altium provides the students and faculty with the tools and technical support to aid in their learning and research journey.



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