

## CollabCAD –HOD - Guest Speaker for AICTE IDEA Lab Faculty Development Program

Recently AICTE has launched a scheme for the establishment of IDEA Lab (Idea Development, Evaluation & Application) in AICTE approved institutions, encouraging students for application of science, technology, engineering & Mathematics (STEM) fundamentals towards enhanced hands-on learning by doing experience. Our Institute's FAB LAB is one of the mentor labs for this IDEA lab scheme.

Ajay Kumar Garg Engineering College (AKGEC), Ghaziabad, in pursuit of academic excellence, has been emphasizing industry –academia interaction and skill development for the students to enhance their technical competence and to make them industry ready professionals. Under this initiative, the college has established various Centres of Excellence (CoE) in collaboration with multinational Industries like BOSCH Rexroth, KUKA Robotics, National Instruments, SIEMENS, Fronius, Carl Zeiss, Pepprel+Fuchs and Mitsubishi Electric.

The establishment of FAB Lab at AKGEC along with various CoEs make engineering graduates more imaginative and creative and also support basic training for them in the 21<sup>st</sup> century skills like-critical thinking, problem solving, design thinking, collaboration and communication. This facility encourages the students and faculty to "engage, explore, experience, express and excel" as desired by the Hon'ble Prime Minister in the wake of the release of National Educational Policy 2020.

To take the AICTE initiative forward, AKGEC has organized an IDEA Lab Faculty Development Program (Face to Face) under AICTE Training & Learning (ATAL) Academy to train the Coordinators and Co-coordinators of newly formed IDEA Labs across the country during 2<sup>nd</sup> May'22 to 6<sup>th</sup>May'22 at AKGEC FAB LAB Ghaziabad.

**CollabCAD –HOD at National Informatics centre(hqrs) was invited as a guest speaker for the Faculty Development Program on 5<sup>th</sup> May 2022 and delivered a talk on CollabCAD software's which is an indigenous NIC own solutions for 3d product design and visualization and e-CollabCAD web-based 3D visualization and sharing platform. He also talked about how CollabCAD can be a tool for education and part of IDEA LAB and its usage for creating innovative 3D designs for 3D Printing.**

Live demo of the software was also given by the CollabCAD team engineers to nearly 30 participants from various institutes and universities. **Some pictures from the event are as follows,**

