



Brief CV

Prof Ashok Mahadu Mahajan, **Pro Vice Chancellor**,
Swami Ramanad Teerth Marathwada University, Nanded

Dr Mahajan (*University Emeritus Professor in Electronics, KBCNM university, Jalgaon*) is having **37+** years of experience in teaching, research and academic administration including **5** years as a **Registrar** (9th January-2012 to 8th January-2017) of KBCNMU, Jalgaon, India. His major research area includes low-k, high-k thin film growth and characterization, fabrication of MIS structures, **Novel High-K / Metal Gate stacks**, MOS capacitors for advanced CMOS technology, 2D materials and MIM capacitors for nanoelectronics. Prof. Mahajan has setup well-equipped **Materials and Devices Laboratory for Nanoelectronics (MDLN)** at Department of Electronics, KBCNMU, Jalgaon with semiconductor devices fabrication and characterization facilities as an outcome of having executed as **Principal Investigator** for successfully completed **Nine** major research projects worth **Rs. 3.07 Crore** funded by different funding agencies i.e. UGC, CSIR, DST, DST Nano Mission etc.. Recently, Prof Mahajan has converted his **MDLN lab to class 10000 clean room**. Under the guidance of **Prof. Mahajan**, **10** students have completed their **Ph.D degrees**, **2** students awarded **M. Phil degree** and **4** students are currently working for their **Ph.D** degrees. Up till now, **219** research papers have been published/presented by **Prof. Mahajan** (and research students under his guidance) in National/International journals/Conferences of high repute. Also he has been recently awarded **one** patent (no.444995) on 14/08/23 for indigenously developed **PEALD** system. He has active international collaborations with **ECE Department**, University of California, Santa Barbara, **CA, USA**, Graduate School of Engineering, **Tokushima University, Tokushima, Japan**, MSE deptt, **NTUST, Taipei, Taiwan**, Penang university **Penang Malaysia**, Microelectronics deptt, **NCUT, Beijing** and Applied Physics deptt, College of Science, **CAU, Beijing**, China. School of microelectronics, **Fudan university, Shanghai**, China, **NTU, Singapore** etc..

Prof. Mahajan has delivered several **invited/popular talks** in the International and National conferences/Refresher Courses and at different Engineering colleges, University departments in India and Abroad. He has visited several institutions/universities of the countries like, **USA, South Korea, Italy, France, Czech Republic, Maldives, Thailand, Algeria, Germany, Japan, Mexico, Poland, Netherland, China, Taiwan, Malaysia, Cyprus, Belgium, Slovakia, Portugal and Singapore** for academic/research purposes.

➤ **Prof Mahajan** has co-ordinated successfully the most prestigious **ERASMUS+ funded (~ Rs 8.00 Crore)** Consortium project (**Oct-2016 to Oct-2019**) and established **Capacity building Center (CBC)** at KBCNMU (**on 11th July-2019** and working as CBC, Coordinator for planning and executing the various trainings...) for raising academic excellence in HEIs alongwith **5 European and 5 Indian universities** (KBCNMU was one of the **10** active partner universities).

➤ **Honors and Recognitions :**

- Prestigious **Overseas Famous Teacher**, an invitation award for **2 years (Oct-2018 to Sept-2020)** by Ministry of Education and SAFEA, **Govt of China** through the **host CAU, Beijing**, based on expertise gained in the field of Microelectronics (through Research and teaching)
- **Visiting Professor** at Materials Science Engineering deptt, **NTUST, Taipei, Taiwan** and Microelectronics deptt, & School on Information Engg, North China University of Technology (**NCUT**), **Beijing, China**.
 - For more information please visit: <http://ammahajan.in/>

Place: Nanded

Date: 11th Aug-2025

(Professor A M Mahajan)