

Prof Ashok M Mahajan

Pro Vice Chancellor, Swami Ramanand Teerth Marathwada University, Nanded.

[Ex-Registrar (5 years, during 2012-2017) of KBCNMU, Jalgaon]

- Member of **Maharashtra State Academic and Research Council (Maha SARC)**,
(*Apex body in Maharashtra serving as an Advisor on academic matters*)
- Member of **Apprentice Embedded Degree Program (AEDP)** state implementation core committee since 2025-26
- UGC nominee in **Executive Council**, Audisankara, Gudur, Deemed to be university, Andhra Pradesh
- He is having **38+** years of experience in teaching, research and academic administration including....

Former Senior Professor & Director, School of Physical Sciences,

Head, Department of Electronics at KBC North Maharashtra University, Jalgaon.

➤ **Contribution in Research & Innovation:**

- 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.. he has successfully converted his **MDLN lab to class 10000 clean room**.
- Under the guidance of **Prof. Mahajan**, **11** students have completed their **Ph.D degrees**, **2** students awarded **M. Phil degree** and **3** students are currently working for their **Ph.D** degrees.
- Up till now, **221** 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.

➤ **International collaboration:**

- He has 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 and **NTU, Singapore** etc..

- 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 worth **9,40,000 Euros (~ Rs 8.00 Crore)** Consortium project, **CABCIN (Oct-2016 to Oct-2019)** alongwith **5 European and 5 Indian universities** (KBCNMU was one of the **10** active partner universities) and established **Capacity building Center (CBC) at KBCNMU**
- **Honors and Recognitions :** Prestigious **Overseas Famous Teacher**, an invitation award for **2years during Oct-2018 to Sept-2020 worth 4.00 Lac Yuan (Rs 40.00 Lac), (2.00 Lac Yuan/year)** 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.**

Notable Achievements:

- Prof Mahajan had an opportunity of having interactions with **Hon'ble Chancellor Sir** for the selection process of Vice Chancellor, **SRTMU, Nanded on 6th Feb-2024**, Vice Chancellor, **SGBAU-on 20th Jan-2024**, Vice Chancellor, **YCMOU, Nashik on 22nd Feb. 2017 and on 20th Oct. 2016** Vice-Chancellor, **KBCNMU, Jalgaon at Raj Bhavan, Mumbai** as one of the **5 candidates included in the panel** by the respective learned search committees.
- In addition , He was shortlisted for the post of VC, **NMU-Jalgaon (2016) , YCMOU- Nashik (2017) SU-Solapur (2018), SRTMU-Nanded (2018), YCMOU-Nashik (2023), SPPU-Pune (2023), PAHSU-Solapur(2023), BAMU-Sambhajinagar (2023), CoEP-Pune, (2023) SGBAU-Amravati (2024), SRTMU-Nanded(2024) & KBPCU-Satara (2024)** and had interaction with search cum selection committees on **Oct-2016, Feb-2017 , 16th April 2018 , Oct. 2018, 15th April-2023, 18th May-2023, Sept-2023, Nov-2023, Dec-2023, Jan-2024, 30 Jan-2024 and May-2024** respectively.
- So far Prof Ashok Mahajan had total **13 times** interactions with search cum selection committees and **4 times with Hon'ble Chancellor Sir**

Place: Nanded

Date: 14th April-2026

(Professor A M Mahajan)