



Prof. Dr. Krishnan Baskar
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Prof. Dr. Krishnan Baskar hails from an Agricultural family at Kottaikuppam Village, Thiruvallur District, Tamilnadu, India. He obtained his Master Degree in Physics from Madras University and got his Ph.D. from Anna University. He joined in Anna University, Chennai in 1991. The Royal Institute of Technology (KTH) in Stockholm, Sweden, awarded him the title of “Docent’ for his research accomplishments in semiconductor materials technology in 2001.

He has 25 years of teaching experience with research experience of 30 years. He did four years of postdoctoral studies at Nagoya Institute of Technology and Electrotechnical Laboratory, Tsukuba, Japan, during 1995-1999 with Monbusho Fellowship through Government of India and Science and Technology Agency Fellowship of Japanese Government. He worked three years as a Visiting Researcher at Royal Institute of Technology, Stockholm, Sweden, during 2001-2004.

He is responsible for the creation of the International Division and the introduction of Japanese language at Anna University. He was formerly the Director of Centre for International Affairs, Anna University during 2008-2012 and the Director, Crystal Growth Centre (UGC-National facility) during 2012-2016.

His research areas of interest are; compound semiconductors, particularly nitride based materials for high electron mobility transistors, UV (260-360nm) and visible light emitting diodes, semiconductor Nanostructures, sensors and solar cells (21.4%

efficiency AM0), MOCVD growth, high resolution XRD, Photoluminescence and fabrication of optoelectronic semiconductor devices.

He has conducted research by generating research grant to the tune of about Rs.11.00 crores through competitive funded projects and has established the sophisticated class 10000 clean room, MOCVD; first of its kind in a University system in India, HXRD and PL with Raman facilities at Crystal Growth Centre. He has taken efforts to establish sophisticated equipment like SEM with EDX, XRD, FT-IR imaging through UGC grants and have made them available to the researchers all over the country. He has published over 150 research papers in peer reviewed international journals and conference proceedings. He has guided 16 Ph.D. students and currently 7 students are pursuing the Ph.D. under his supervision.

He has organized 28 national / international conferences / workshops. He is a member of several scientific societies. He has travelled more than 25 countries and visited several top ranking educational institutions in the developed countries including long years of stay in abroad. He is a recipient of the Active Researcher award in 2011 from Anna University, Chennai, INDIA. Youngsters attractive research paper award (1,40,000 Yen) from Japan in 1989 as a Ph.D. Student. He has received much recognition from India and abroad for his accomplishments in research. He is a member of many committees in DRDO, UGC, DST, IITs and Universities.

He has proficiency in Tamil, English, Japanese and Telugu languages.

Vision for the University :

- To bring the university of Excellence in Arts and Science through the reforms in administration/curriculum and development of collaborations with international institutions.
- To generate revenue to the University through the admission of NRI/foreign national students, national and International projects for self-sustainability and support the students through fellowships for higher education and research..
- To train the teachers/students with quality education, ethics and civics sense and transform the student community into best citizen of this country with analytical skills and scientific approach by imparting best education practices.

- To bring the university as one of the top ranking universities in the world at least within top two hundred.