

VICE CHANCELLOR'S PROFILE



Dr. S. Mohan Kumar is the **Vice-Chancellor** of newly found private professional University **Sri Jagadguru Murugharajendra University (SJMU)**, Chitradurga, Karnataka, since 30th October 2021. Dr. Mohan served earlier in Malnad College of Engineering (MCE) as one of the most senior Professor and had earlier served **SDM College of Engineering and Technology (SDMCET)**, Dharwad as the **Principal** during May 2011–July 2014, under GoK deputation and was also the **founder Principal** of newly started **Government Engineering College (GECH)**, of Hassan during May 2009–Nov.2010.

Prof. Mohan was awarded **Govt. of India's Young Scientist BOYSCAST Award** by **Department of Science & Technology**, Govt. of India in the year 1990-91, and was a visiting research faculty at **University of Minnesota (USA)** in the area of **Robotics & Automation**. During 1997, Dr. S. Mohan received the honor of **Sir C.V. Raman Young Scientist Award** in recognition of outstanding contribution to Engineering Science by Govt. of Karnataka. Prof. Mohan completed his engineering education **B.E. at University of Mysore**, **Masters Degree from IIT, Kanpur**, and **Doctoral degree from IIT, Kharagpur**. Prof. Mohan bears a pretty long teaching & research tenure of more than 38 years and is presently working as the Professor in Mechanical Engineering at MCE, Hassan and has contributed to the development of **Industrial Robotics Research Cell (IRRC) & Industrial Automation Interaction Cell (IAIC)** under Central Assistance from AICTE, Govt. of India. Prof. Mohan has been the key person in establishing the interdisciplinary **M.Tech. Course on Industrial Automation & Robotics (IAR)**, first of its kind in India at MCE Hassan. Recently, Prof. Mohan has been nominated as the Expert Committee member for the AICTE-Stanford Project for enabling technical graduates employable for the Engineering Institutions of India.

Dr. Mohan is guiding/guided Twelve Research Scholars for their Doctoral degree in the area of Virtual Manufacturing, Concurrent Engg., Virtual Prototyping and Collaborative & Digital Manufacturing, and Robotics and Automation and five of which have been awarded Ph.D. He has published as many as **Hundred Forty original research papers** in National/ International Journals in the area of Mechanisms, Machines, CAD/CAM & Automation & has **delivered as many as 60 invited lectures** on CAD/CAM, Automation, Robotics & Virtual Manufacturing. Dr. S. Mohan Kumar has been the fellow member of Institution of Engineers and Life member of Association of Machines & Mechanisms (AMM), Indian Society of Technical Education (ISTE) and Engineering Design & Analysis Forum (EDAF) and his topics of interest are Virtual Manufacturing, Modeling & Simulation of Physical Systems through Bondgraphs, Urban Renewal for big cities, Farm Machinery, Pneumatics, Hydraulics, Sensorics, Mechatronics, Digital & Collaborative Manufacturing, CAD/CAM/CIM and Automation. Dr. Mohan Kumar has been one of the Senior **Affiliation Committee members for AICTE and Visvesvaraya Technological University (VTU)**, Karnataka. Dr. Mohan was also a senior member for Board of Examinations for B.E. (UG) Programme of Mysore University and Post Graduate Programs in Mechanical Engineering and Industrial & Production Engineering of Kuvempu University and was a Member of Advisory Committee of Outside Collaborations of VTU during 2007-10. Recognized as a **Mentor for NAFEMS World Simulation & Analysis Body for Research Analysts Program** since 2008. During 19th - 21st, February 2009, Dr. Mohan **Conducted an unique National Level Attitude Transformation Workshop "Bringing Industries to Institutions"** to beat Global Melt. Presently, Dr. Mohan is a Certified Evaluator and Expert for conduction of Outcome Based Accreditation for Technical Institutions under NBA and serving as an Editor for Intl. Journal (JRMER) of UK. Dr. Mohan Kumar has been recently identified as a **Certified Trainer for VTU Bosch-Rexroth International Centre of Competence in Industrial Automation** at Mysore, Karnataka as one of the state of the art Center over the Globe, a Joint Venture Programme by Bosch-Rexroth and VTU in the area of Pneumatics, Hydraulics, Sensorics, Mechatronics and Robotics. Dr. Mohan has been a **technical expert for Urban Revival Programmes for Major Cities** like Hassan, Bangalore and the Towns of Hassan District. Dr. Mohan has been the first ever Principal in India to introduce Self- Learning for UG Engineering (BE Course) Curriculum at SDMCET, Dharwad during 2011-14.

Dr. Mohan has been responsible for computerization of Engineering Drawing & Machine Drawing for VTU from 2006 which happens to be first ever venture by any University in the Country and has **co-authored the University's first ever publications of three books** and is working at bringing Books in the area of Automation, Robotics and CAD/CAM. Dr. Mohan has many innovative and patentable products in the area of Farm Machinery,

Mechanisms, Software and Robotics. Dr. Mohan recently concentrated on building effective Industry-Institute Interaction through Enhanced Industry-Institute Interaction (EIII) under TEQIP, Industrial Automation Interaction Cell (IAIC), R&D Centre for Building and Testing of Robots (RDCBTR) under CSRDC, Online Live Class Room Concepts under the QEEE- Scheme of IIT, Madras (MHRD), Remote Centre for conduction of On-Line Workshop for Building Faculty competency under IIT, Mumbai (MHRD), and New Age Incubation Network Centre under GoK's (KBITS).and Department of Industries and Commerce initiatives. Mohan is also the Principal Architect for initiating R&D Centre at SDMCET for innovation and boosting productivity in the Manufacturing Sector of North Karnataka. Dr. Mohan is Responsible for introducing State of the Art Inter-Disciplinary 4 M.Tech. Courses at SDzMCET, during the TEQIP 1.2. Phase (2011-14). Also, initiation towards Innovation, R&D, pursuits through MHRD, RUSA scheme has been made by Dr. Mohan is an effort to finally see SDMCET as one of the Best Role Model Technical Institution contributing to the service of the Nation. Similar efforts are anticipated by him at MCE, Hassan. Dr. Mohan always believes in OBE and meaningful Contributions for Societal upliftment and towards Nation Building. Presently is in Advisory Panel of AICTE- Stanford Committee for SLA & for improving Employability of Technical Graduates, All India Board of PG Studies (AIB- PGERET) and is in MHRD NEAT Platform as an Independent Expert Committee (IEC) Member.

Participation and Contribution in relevant areas of Higher Education of Prof. S. Mohan Kumar

SL. No.	Role	Organization	Area of specialization
1.	Visiting Professor	University of Minnesota, Minneapolis, USA	Robotics & Automation (1990-91)
2.	Honorary Consultant	KUWSSB & Shodhan Consultants, Bangalore	Generating hydraulic statements for many Karnataka state cities / towns during 1996-1998
3.	Resource Person	For more than 10 Engineering Colleges of Karnataka	CAD/CAM, Robotics, Low Cost Automation since 2004
4.	Honorary Consultant	Honorary Consultant for DUDC, Hassan & Multisoft Consultants, Hassan	Urban Development, UGD/Solid waste Management (2004-2008)
5.	CAD/CAM Key Resource Faculty & Technical Evaluator for Benchmarking of CADD Softwares	Visvesvaraya Technological University (VTU), Belgaum, Karnataka	Implementation of Computer Aided Engineering Drawing (CAED) and Computer Aided machine Drawing(CAMD) under TEL Program for all the 126 Engineering Colleges affiliated to VTU from July 2006 which involved Production of Book Resources (4 No's) and Benchmarking of all the Softwares on the Roll during 2004- 2008.
6.	Honorary Consultant	Hassan Urban Development Authority (HUDA), DUDC Hassan & Multisoft Consultants, Hassan	Renewal and Modernization of the Urban Infrastructure for the Urban Local Bodies of Hassan District, for a Project cost of Rs. 241.22 Crores in August 2005 for District Urban Development Cell, Hassan under National Urban Renewal Mission (NURM) Programme of Govt. of India. During 2005-2008
7.	Honorary Consultant/ Technical Advisor	Bharath Earth Movers Ltd (BEML), Mysore	Automation of Engine Assembly Line Automation Project for Bharath Earth Movers Limited (BEML), Mysore Complex for a Project Cost of Rs. 1 Crore under Industry Institute Interaction Program of AICTE- IIPC, Government of India during 2005-08.
8.	Advisor	Advisor for UAS, Dharwad	Agricultural/Farm Machinery (2011-2015) and interacted with faculty of eminence in the field of Agriculture/Farm machinery and especially Virtual Prototyping of Machines and Implementation of Low Cost Automation.

9.	AICTE/VTU Affiliation/Inspection Committee Member	AICTE, New Delhi & VTU, Belgaum	For monitoring & Mentoring Quality Technical Education Monitoring under AICTE (GoI) and VTU (GoK) and providing Affiliation to the Engineering Colleges of India & Karnataka under AICTE, New Delhi & VTU, Belgaum since 2007.
10.	NBA Expert Committee Member	National Board of Accreditation (NBA), New Delhi	Accreditation of Engineering Colleges under the ambit of AICTE, New Delhi since 2009
11.	Honorary Consultant & Advisor	BBMP, Manasa Consultancy, Bangalore & Multisoft Consultants, Hassan	Design & Development & Technical Bid Evaluation of Automatic Car Parking and Electric Crematoriums, Low Cost Automation Devices (Since 2000)
12.	Advisor	Expert for BMP Automation Projects	Automated Car Parking, Solid Waste Management & Urban Infrastructure Development. (2001-2002)
13.	Member, Advisory Committee	Visvesvaraya Technological University (VTU), Belagavi	On Outside Collaborations Industry Institute Interaction of VTU with Outside World along with EDP activities and setting up of Incubation Cells at VTU, Belagavi for the Period 2007-2010 vide Notification No.VTU/PS/2007-08/11550 dated 2-02-2008
14.	Accredited International Trainer	VTU- Bosch Rexroth International Centre of Competence on Industrial Automation (ICoCIA)	Undergoing Train the Trainer Workshop in Bosch Rexroth Centre, Lohr, Germany in June 2007 and conduction of series of training Workshops for Engineering College Faculty and Industry Personnel at VTU Training Centre in Mysore during 2007-2010.
15.	Principal Coordinator	AICTE Industry Institute Partnership Cell of AICTEIIPC Projects	An effort to beat Global Melt down by Bringing Industry to Institutions during 2008-09 by Attitude Transformation & Mind setting Workshops during 2008-2009.
16.	AICTESTANFORD Advisory Committee Member	AICTE , Stanford University, USA & NPIU of World Bank	Student Learning Assessment and Improvisation of the skills of Engineering Students in India (Since February 2018)
17.	Lead Speaker for the very first Twinning Program Under TEQIP	TEQIP Phase II- MCE Hassan(Mentor Institution) & Jorhat Engg. College, Jorhat, Assam (Mentee Institution)	Guidance to PG & Research scholars of both Mentor & Mentee Institutions for Project & Research. Motivating UG students to take up Self Study on State of the art Courses, Robotics, Digital Manufacturing & Automation. (Since April 2018)
18.	Nominated Academician of Expert/Advisor for the Multi-Disciplinary Research Unit (MRU)	Hassan Institute of Medical Sciences, Hassan (An Autonomous Institute under the Dept. of Medical Education, Govt. of Karnataka)	Multi-Disciplinary Research Unit (MRU) Expert Advisory Committee Member to render Guidance in R&D Projects and IPR issues. (Since August 2019)
19.	Independent Expert Committee Member, MHRD, NEAT Platform of AICTE	Gol's MHRD NEAT (National Educational Alliance for Technology) Platform of Innovation Cell, AICTE	Evaluation of Education Technology (Ed Tech) Companies/Organizations for Boosting Quality Education in India (Since October 2019)
20.	Member, AIBPGERET of AICTE	All India Board of Post Graduate Education and Research in Engineering & Technology (AIB-PGERET) of AICTE/MHRD	Coordinating with MHRD to promote planned and coordinated development of technical education in the Country after ensuring World standards in the institutions through facilitating and enabling mechanisms. (Since Jan. 2020)
21.	Specialist for the Natural Composites Research Laboratory Group	King Mongkut's University of Technology North Bangkok (KMUTNB), Thailand	In the advisory panel acting as a specialist in the area of CAD/CAM/, Automation & Robotics for implementing Research Projects, conduction of International Workshops, Conferences & Symposium & development of Innovative state of the art Products. (Since Jan 2020)

22.	Vice-Chancellor	Vice-Chancellor of the newly found Private Professional University Sri Jagadguru Murugharajendra University (SJMU), Chitradurga, Karnataka	Administrative & Academic Head of a Unique Professional Private University comprising of Five Faculties of Medical, Dental, Pharmacy & Nursing Sciences along with Faculty of Engineering Technology. (Since 30th Oct. 2021)
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