




Channabasaveshwara Institute of Technology

(Affiliated to VTU, Belgaum & Approved by AICTE, New Delhi)
(ISO 9001:2015 Certified Institution)
 NH 206 (B.H. Road), Gubbi, Tumkur – 572 216. Karnataka



Faculty Profile

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| Name of the Teaching Staff | Dr M S Rajendra Kumar | | | LATEST PHOTO  |
| Department | Management | | | |
| E-mail | Rajendrakumar.ms@cittumkur.org | | | |
| Present Designation | Professor | | | |
| Google Scholar ID | | | | |
| ORCID | | | | |
| VIDWAN ID | | | | |
| Education Qualifications | 1. UG -- BE (Mechanical) 2. PG -- ME (Production) MBA (Marketong) 3. Ph.D – PhD (Mechanical)PhD (Marketing) | | | |
| Work Experience in Years | | | | |
| Teaching | 37 Years | | | |
| Research | 12 Years | | | |
| Industry | 1 year | | | |
| Other | Research Fund: - 20 Lakhs from VGST Year 2021 | | | |
| Total | 38 Years | | | |
| Area of Specialization | Management – Marketing, Engineering – Composite Materials | | | |
| Publication Details | | | | |
| Professional Memberships | SI No | Authority | Recognition | |
| | 1 | Indian Society for Technical Education | MISTE | |
| | 2 | American Society of Mechanical Engineers | MASME | |
| | 3 | All India Management Association | MAIMA | |
| | 4 | Operational Research Society of India | MORSI | |
| | 5 | Fellow of Institution of Engineers | FIE | |
| | 6 | Fellow of Indian Institution of Production Engineers | FIPE | |
| No. of Books published with details | TWO Text Books in Engineering 1. Elements of Civil Engineering for I Semester BE., VTU syllabus, Year of Publication 1998—Subhash Publications. 2. "Strength of Materials" for II Semester BE., VTU | | | |

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| | yllabus, Year of Publication 2000—Subhash Publications |
| Other Achievements | <p><u>REFERENCE ASIA – 2014</u></p> <p>Listed in Reference Asia 2014 ---- “Asia’s WHO’S WHO” of Men & Women of Achievement by Rifacimento International Organization.</p> <p><u>ISTE NATIONAL AWARDEE -- 2011</u></p> <p>ISTE Calcutta Convention National Award for Colleges for BEST PAPER PRESENTED by Teachers at the Annual Convention of ISTE for the Technical paper titled “Anticipating Mile Stones on the path of Establishing University in India”</p> <p>Award presented at 41st ISTE National Annual Convention held during 16-18 Dec 2011 at Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib, Punjab, in collaboration with Punjab Technical University, Jalandhar.</p> <p><u>BEST PAPER PRESENTED AWARD -- 2004</u></p> <p>“Kinematic Analysis of Allegiance Robot” presented at TEAMTECH 2004 held at J N Tata Auditorium, Indian Institute of Science -- IISc, Bangalore was adjudged as BEST PAPER PRESENTEDorganised during 1st--4th Nov 2004.</p> |
| Delivery of Technical Talk | <p>June 2023</p> <p>Delivered a Technical talk on <i>“Lean Manufacturing to enhance Productivity”</i> at Atria Institute of technology, Bangalore on 19th June 2023.</p> |
| Books Published | <p>TWO Text Books in Engineering</p> <p>1. Elements of Civil Engineering” for I Semester BE., VTU syllabus, Year of Publication 1998—Subhash Publications.</p> <p>2. “Strength of Materials” for II Semester BE., VTU yllabus, Year of Publication 2000—Subhash Publications</p> |
| Reviewer in Journal/Conference | <p><u>EDITOR</u></p> <p>SCIENTECH Volume 4, No 1, April 2015, & Volume 5, No 1, April 2016. A Peer reviewed National Journal on Science and Technology. Published by Rajiv Gandhi Institute of Technology, R G C Campus, Hebbal, Bangalore. KARENG04374</p> |
| Subject Expertise | <p><u>Teaching Expertise in the following subjects:</u></p> <p>Management</p> <ul style="list-style-type: none"> ✦ Research Methodology ✦ Organisational Behaviour ✦ Production and Operation Management ✦ Industrial Management |

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| | <ul style="list-style-type: none"> ✦ Entrepreneurship & Management ✦ Production Planning ✦ Project Management <p>Engineering</p> <ul style="list-style-type: none"> ✦ Applied Mechanics ✦ Mechanics of Materials ✦ Control Engineering ✦ Mechatronics ✦ Robotics and Automation ✦ Manufacturing Processes ✦ Engineering Graphics ✦ Mechanical Engineering Sciences ✦ Production Technology ✦ Computer Integrated Manufacturing. |
| Academic & Administrative Responsibilities | <ul style="list-style-type: none"> ➤ Meetings with HODs regularly on Monday ➤ Lesson Plan, Staff work diary monitoring weekly ➤ Academic Files ➤ Syllabus coverage and Number of Classes conducted monitoring weekly ➤ Checking of Attendance registers monthly ➤ Central Valuation ➤ HODs to present Plan-of Action / Budget for an year ➤ NSS Activities started at GMIT, 2015 ➤ Internal Assessment Test streamlined by TWO Sessions per day <p><u>Professional Development Activities</u></p> <ul style="list-style-type: none"> * Students are provided with an opportunity to work in a company in live production line with study undergoing with a project in Summer Semester for a period of TWO months solving the problems which occur in production process. This was under taken in KERN-LIEBERS, Tumkur. * Established MOU with KERN-LIEBERS in line with Industry Institute Interaction by sending the students for hands-on-training and solve the problems of in-line-process in the year 2011. * Idea concept development made at MHB filter to manufacture Eco friendly non metallic filters used in automobiles. * Student Project "Pin-on-Disc wear Testing Equipment" co-guided was patented by HAL, Bangalore. * Production Layout was relocated at Escorts-Mahle, Yalahanka, plant for higher production rate with lesser travel distance. * Guided students to assemble several Robots, namely Vigilance Camera, Surveillance Robot, Allegiance Robot, 3-D Co-ordinate Robot for Drilling, Wheel Chair-cum-stretcher with remote operated. * Established Robotics and Automation laboratory in the Department with student projects only. |

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| | * Guided several KSCST student projects. |
| FDPs & Workshops Attended | Provide Complete Details with year and Title of Programme |
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Outstanding Students Project Work guided

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| 12 | 2021-2022 "In-Phase and Out-Phase FOUR WHEEL Steering System", Designed, developed fabricated and assembled at ATRIA Institute of Technology. Bangalore. |
| 11 | 2009-2010 "Camera enabled Surveillance Robot" Designed and assembled at SSIT Campus |
| 10 | 2008-2009 " Design of Non Metallic Filters" carried at MHB Filters, Antharasanahalli industrial Estate, Tumkur. |
| 9 | 2003-2004 "Stretcher cum Wheel Chair cum Universal Plat form " Designed and assembled at SSIT Campus |
| 8 | 2002-2003 "Ultrasonic Surface Probing Device" Designed and assembled at SSIT Campus |
| 7 | 2002-2003 "Design and fabrication of Braille Mechatronic System" Designed and assembled at SSIT Campus |
| 6 | 2001–2002 "Allegiance Robot" Designed and assembled at SSIT Campus, Selected for 25 th Series State Level KSCST Seminar cum Exhibition. |
| 5 | 2000–2001 "Surveillance Robot" Designed and assembled at SSIT Campus, News article published in National News papers and telecasted in TV Channels |
| 4 | 1999– 2000 "Vigillence Camera" Designed and assembled at SSIT Campus, |
| 3 | 1997-1998 "Two axial Drilling and Contour Cutting Machine" Designed and assembled at SSIT Campus |
| 2 | 1996–1997 "Sequencing of Machines for LSP Layout" Carried at Escorts—Mahle, Bangalore. Project outcome has been implemented. Layout and sequencing of Machines were made for improved productivity. |
| 1 | 1995–1996 "Design and Fabrication of Wear & Friction Test Rig" Carried at Central Lab –Foundry & Forge Division, HAL, Bangalore. Project outcome Patented under HAL Title |

Papers published at Inter National Journal –3

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| 1 | Jan 2019 "Influence of Heat Treatment on Mechanical Properties of Graphite and Aluminum Nitride reinforced Al6061 based Hybrid Metal Matrix composites" STEM 2018. M.S Rajendra Kumar, G.R.Bharath Sai Kumar, D.P.Girish, Content lists available at STEM Journal, Journal of Engineering Science and Technology Journal homepage : www.stemjournal.in/JEST |
| 2 | Jan 2019 "Effect of multiple Reinforcements (AlN& Graphite) on Micro Structural and Mechanical Behaviour of Al 6061 Hybrid composites" Journal of Engineering Science and Technology Volume 02, Issue 01 (2019) Pg No : 01-20, M.S Rajendra Kumar, G.R.Bharath Sai Kumar, T B Prasad, D.P.Girish. Content lists available at STEM Journal, Journal of Engineering Science and Technology Journal homepage : www.stemjournal.in/JEST |
| 3 | April 2016 "Synthesis and Characterization of Al 6061 Reinforce with Graphite Composite by Using Stir and Centrifugal Casting Technique", International Journal of Emerging Trends in Engineering and Development Issue 6, Vol. 4 (July 2016) Available online on http://www.rpublication.com/ijeted/ijeted_index.htm ISSN 2249-6149 , Dr. M.S Rajendra Kumar, Supreeth, Nagesh.D, |

Papers published at National Journal - 1

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| 1 | July 2016 SCIENTECH -- KARENG04374 Linking Industry-Institute focusing Towards Entrepreneurial Actions & Sustenance Dr. M.S.Rajendra Kumar, Prof & HOD Mechanical, Dean – Academics, Rajiv Gandhi Institute of Technology, Bangalore. |
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Papers presented at International Conference - 11

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| 1 | 8th -9th June 2023 Amalgamation of Sustainable Agriculture, Rewilding and Farm management intended for enhancing profits of farmer – A Conceptual Study Presented at International Conference held at IC-VTUMBA, Belagavi. |
| 2 | 27th – 28th Mar 2013 Untapped Unutilized Skill Potential of Women in Kaiga Township Accounts to Millions – A Pragmatic Approach, presented in Rural Empowerment for Sustainable Development held at SreeSaraswathiThyagaraja College, Polaachi, Tamilnadu with ISBN: 978-93-82570-05-9 |
| 3 | 28th – 30th June 2011 "Value Based Production Receives Acceptability" Tenth International Conference on Operations and Quantitative Management held at Symboiosis Institute of Operations Management, Nashik. Chaired the Session |

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| 4 | 23rd -25th Feb 2011 "Synchronization of Infrastructure Facilities and Knowledge Management in HealthcareHub" International Business Summit and Research Conference INBUSH 2011 AmityInternationalBusinessSchool. Amity University, Uttar Pradesh. |
| 5 | 1st -4th Jan 2011 "Bridging the Gap Linking Industry-InstituteTowards Sustenance" 8 th AIMS International Conference on Management Indian Institute of Management, (IIM) Ahmadabad. |
| 6 | 15th -17th Dec 2010 "The Perception Path Model for Behavioral Changes of a Patient towards Satisfaction" 43rd Annual Convention of Operational Research Society of India (ORSI2010) & International Conference on OPERATIONAL RESEARCH FOR URBAN AND RURAL DEVELOPMENT (ORURD), Thaigarajar College of Engineering, Madurai. |
| 7 | 18th-19th Nov 2010 "Role of A Leader In Effective Team Building" Advanced Materials, Manufacturing, Management and Thermal Sciences(AMMMT 2010) Siddaganga Institute of Technology, Tumkur. |
| 8 | 14th -16th Oct 2010 "Social Entrepreneurship – An Heuristic Approach" Emerging Trends in Engineering and Technology(IETET-2010) ISBN : 978-93-80697-22-2, Geeta Institute of Management & Technology, Kurukshetra, Haryana. |
| 9 | 20th -23rd Dec 2009 "Social Enterprising for Community Advancement" Presented at Seventh AIMS International Conference on Management Held at Indian Institute of Management (IIM), Bangalore. |
| 10 | 2nd -4th July 2008 "Linkage Configuration and Kinetics of Allegiance Robot" Presented at IISc Centenary- International Conference on Advances in Mechanical Engineering (IC-ICAME), J.N. TATA Auditorium, IISc, Bangalore. |
| 11 | 1st Nov 2004 "Kinematic Analysis of Allegiance Robot" Presented at International Conference TEAMTECH 2004, held at J.N. TATA Auditorium, IISc, Bangalore. BEST PAPER PRESENTATION AWARD |
| 12 | 31st Oct 2003 "Information Technology in Health Care—A review" Presented at 2nd International Conference on Quality, Reliability and Information Technology, University of Delhi, New Delhi |

Papers Presented at National Level Seminars & Conferences - 14

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| 1 | 19th -21nd Dec 2013 "Fostering Quality Teaching and Learning in Higher Education with intermingling Soft Skills required for Present Diurnal Consequence", presented at 43 rd ISTE National Annual Convention held at Tatya sahib Kore Institute of Engineering & Technology, Kholapur, Maharashtra. |
| 2 | 19th -21nd Dec 2013 "Quality Assurance and Stake Holder Needs Satisfaction are Focal Origins in Technical Education", presented at 43 rd ISTE National Annual Convention held at Tatya sahib Kore Institute of Engineering & Technology, Kholapur, Maharashtra. |

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| 3 | 20th -22nd Dec 2012 "Restructuring Engineering Edification with Values, Entrepreneurial Eminence amid Technological Concerns"presented at 42 nd ISTE National Annual Convention held at Anurag College of Engineering, Hyderabad. |
| 4 | 16th -18th Dec 2011 "Student Assessment in Teaching- Learning" 41 st ISTE National Annual Convention held during 16-18 Dec 2011 at Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib, Punjab, in collaboration with Punjab Technical University, Jalandhar. |
| 5 | 17th -18th Nov 2011 "Amalgamating Industry Training and Institute Teaching in Edifice of Critical Novice" Presented at National Conference on Innovations in Teaching-Learning, Research and Unique Practices in Higher Education, held at Kristu Jayanti College, Bangalore. |
| 6 | 2nd -4th Dec 2010 "Anticipating Mile Stones on the Path of Establishing University in India", 40 th ISTE Annual Convention and National Conference MEPCOSCHLENKEngineeringCollege, Sivakasi BEST PAPER PRESENTED NATIONAL AWARD |
| 7 | 18th -20th Dec 2009 "Accreditation – Loud Thinking" Presented at 39 th ISTE Annual Convention Held at National Institute of Karnataka (NITK), Surathkal. |
| 8 | 30th -31st Jan 2009 "Skills of Leader to Retain Multiple Intelligence People in a Team" National Seminar onGlobal Economic TurbulenceRe-crafting HR Strategies On The Eve of Superannuation ofProf P SUBBA RAO, Sri KrishnadevarayaInstitute of Management, S KUniversity, Anantapur |
| 9 | 19th - 20th Jan 2009 "Developing new Generation I C Engine Technologies: H C C I" National conference on"Sustainability and Social Comfort – Strategizing Design and Manufacturing"VNR VignanaJyothi Institute of Engg and Tech, Buchupally, Kukutpally, Hyderabad 560 072 |
| 10 | 28th Nov 2008 "Focus and Tutoring are imperative in Technical Education leading towards Quality & Excellence" Presented at 11th ISTE State level Annual Convention and National Seminar held at Shridevi Institute of Engineering & Technology, Tumkur. |
| 11 | 2nd Dec 2001 "Mechanical Elements Synergized with Electronics and computer control to form new products of Mechatronics" Presented at National Conference on Automation in Industry held at NMAMIT, Nitte. |
| 12 | 6th May 2001 "Synergisation of Mechanical Engineering and Electronics Engineering with Computer Control into Mechatronics" Ranked as 4th among 30 entries selected out of 120 participated in National Level Competition held at Amoghasiddhi Education Society, WadhawanCity, Gujarat. |
| 13 | 8th May 1999 "Courtesy and Consumer Services in Commercial Banks" Presented at One day seminar at SSIMS, Tumkur. |

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| 14 | 23rd Nov 1991 "Analysis of Clamping and Operating Forces during Hydroforming" Presented at NEMTIP-91 At The National Institute of engineering, Mysore. |
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Important Subject Excellence Courses Attended:

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| 9 | 28th May 2010 "Edu Vision 2010" a National Conference on Empowering Education, Le Meridian Hotel, Sankey Road, Bangalore. |
| 8 | 10th& 11th May 2010 "Workshop on Accreditation Process", held at DTE, Bangalore. |
| 7 | 15th Apr 2010 "Work Shop on SWOT Analysis" for Engineering Institutions held at MSRIT, Bangalore. |
| 6 | 7th& 8th Mar 2010 "Work Shop on New Accreditation Process and What is SWOT Analysis" held at SIT, Tumkur |
| 5 | 28th Feb to 2nd Mar 2008 "Entrepreneurship Awareness Camp" for Faculty. Conducted at SJBIT, Chikkaballapur |
| 4 | 24th Feb to 8th Mar 2003 "Robotics and Automation" Conducted by National Institute of Technology Karnataka (NITK), Surathkal. |
| 3 | 20th Jan to 15th Feb 1997 "Faculty Development Programme in Entrepreneurship" Conducted by Entrepreneurship Development Institute of India (EDII), Bangalore. |
| 2 | 12th Dec to 14th Dec 1996 "Work shop on Entrepreneurship" Organized by KSFC—SSIT Chapter, Tumkur. |
| 1 | 22nd Nov to 28th Nov 1994 "Executive Qualities for Industrial/Institutional Management" Organized by Satayhabama Engineering College, Madras. |

