



FACULTY PROFILE

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| Name | DR. A. B. Koteswara Rao |
| Date of Birth | 15.08.1966 |
| Unique ID | 1-455708840 |
| Education Qualifications | B.E. (Mechanical), M.Tech.(Design & Prod. Engg. - Machine Tools), Ph.D. (Parallel Robots at IIT-Delhi) |
| Work Experience | |
| ➤ Teaching | 30 years |
| ➤ Research | 3 years |
| ➤ Industry | Nil |
| ➤ Others | - |
| Area of Specialization | Parallel Kinematic Machine (new kind of robots for machine tool applications) Robotics Mechanisms, Machine Tools Design, Analysis, Optimization |
| Courses taught at Under Graduate / Post Graduate Level | <p>M. Tech. (PG Program) Theory Courses : Industrial Robotics (6) - Mechanical Vibrations (2) - Advanced Mechanics of Materials (2) - Optimization Methods in Engineering or Design Optimization (6) - Stress Analysis & Vibrations (1) - Computer Aided Manufacturing (1) Laboratory / Practical Courses : Optimization Lab (2) - CAD / CAM Lab (2)</p> <p>B. Tech. (UG Program) Theory Courses : Engineering Mechanics (8) - Mechanics of Solids (3) - Kinematics of Machines (5) - Dynamics of Machinery (5) -Engineering Graphics (5) -Finite Element Method (4) - Production Technology (2) -Machine Tools (4) - Instrumentation & Control Systems (1) -Power Plant Engineering (1) - Strength of Materials-I (3) - Strength of Materials-II (4) -Mechanics of Materials (2) of Teesside University (UK) in BTI, BAHRAIN Laboratory / Practical Courses : Kinematics of Machines (1) -Dynamics of Machinery (2) - Production Technology (2) - Machine Tools & Metrology Lab (5) -Workshop (8) -Instrumentation & Control systems Lab (2) -Mechanics of Materials Lab (2) of Teesside University (UK) in BTI, BAHRAIN</p> <p><i>* Numbers in brackets indicate no. of times that particular course is taught</i></p> |

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| Research Guidance <ul style="list-style-type: none"> ➤ No. of papers published in National / International Journals / Conferences ➤ Master ➤ Ph.D. | International Journals - 16 International Conferences – 23 National Conferences – 9 Student Projects: M.Tech. – 12, B.Tech. - 21 Total 6. Three got Ph.D. award. Another about to submit. Two scholars registered. |
| Projects carried out | SIX funded projects worth Rs. 100 Lakhs from AICTE, New Delhi and Department of Science & Technology (DST), Delhi etc. |
| Patents | Nil |
| Technology Transfer | Nil |
| Research Publications | 48 International Journals - 16 International Conferences – 23 National Conferences – 9 |
| No. of Books published with details | Nil |