

Curriculum vitae

NAME : Dr.D ARUNKUMAR

AGE & DATE OF BIRTH : 57 YEARS / 6.8.1963

RESIDENTIAL ADDRESS : # 1054/1'A', DEVAPARTHIVA ROAD
CHAMARAJAPURAM, MYSORE – 570005

OFFICIAL ADDRESS : ASSOCIATE PROFESSOR
MECHANICAL ENGINEERING DEPARTMENT
(WORKING IN INDUSTRIAL AND PRODUCTION
ENGINEERING DEPARTMENT)
Sri JAYACHAMARAJENDRA COLLEGE OF ENGG
,
MYSORE – 570 006

CONTACT NOS. : (R) – 0821-4247645 / (M) – 099165-30492

E-MAIL I.D. : arungrama6@gmail.com

EDUCATIONAL
QUALIFICATION : B. E. – I CLASS from NATIONAL INSTITUTE OF
ENGINEERING, MYSORE in the year 1985

M. Tech.in ENGINEERING MANAGEMENT–
I CLASS
from UNIVERSITY OF MYSORE in the year 1993

M. Tech. in MACHINE DESIGN – CGPA 8.4 from
INDIAN INSTITUTE OF TECHNOLOGY, CHENNAI in
the year 1996-98

Ph.D. in Mechanical Engineering
at VISVESVARAYA
TECHNOLOGICAL UNIVERSITY, BELGAUM in the
year 2018.
Title of the Thesis: “Feasibility study on the implementation
of some of the advanced manufacturing tools in small and
medium scale industries (SMEs and MSMEs) in and around
Mysore”

WORK EXPERIENCE : 33 YEARS OF TEACHING EXPERIENCE IN
INDUSTRIAL PRODUCTION ENGINEERING
DEPARTMENT AT S J COLLEGE OF ENGINEERING,

MYSORE

SUBJECTS TAUGHT : MACHINE DESIGN, THEORY OF MACHINES, STRENGTH OF MATERIALS, MECHANICAL VIBRATIONS, FLUID MECHANICS, ENGINEERING SYSTEM DESIGN, PLANT LAYOUT AND DESIGN, MECHANICAL MEASUREMENTS, METROLOGY, MANAGEMENT INFORMATION SYSTEM, ORGANIZATION BEHAVIOUR, OPERATION RESEARCH, MECHANICAL VIBRATIONS

PAPERS PUBLISHED :

1) DURABILITY AND PERFORMANCE EVALUATION OF SURFACE TREATED WORM DRIVES F SIMILAR MATERIAL PAIR in Tribology International Vol. 31, No.7, pp.385-392, 1998.

2) CELLULAR MANUFACTURING LAYOUT DESIGN IN INNER TUBE MANUFACTURING INDUSTRY : A CASE STUDY in International Journal of Scientific Engineering and Technology Vol. No.1, Issue No.6, pg. 306-313, 2012.

3)I have published a research paper on the Study on implementation of lean production system in tube manufacturing industry: a case study, in International journal for Innovation in Engineering inner and Technology (IJIET) Vol.5 Issue-2, 2015 ISSN: 2319-1058.

4) Human Error Analysis: A case Study in a Tyre Tube Polymer Processing Industry , a paper published in International Journal of Latest Trends in Engineering and Technology (IJLTET) ISSN:2275-621X, Volume 7,Issue 2, July 2016

5) **(Paper ID: C4421098319) “Implementation of Rapid Upper Limb Assessment Technique RULA) in Automotive parts Manufacturing Industry”** co-authored by Dr V Ramesh and Skanda M G has been accepted for publication by the ‘**International Journal of Recent Technology and Engineering(IJRTE)**’ at **Volume-8 Issue-3 September 2019. IJRTE is a Scopus index international free open access journal.**

6) Submitted a paper on “Importance of Error Management in Occupational Safety” A case study in Manufacturing Set-ups to Journal of Scientific and Industrial Research (JSIR), a Web of Science indexed Journal

CONFERENCE ATTENDED AND PAPERS PRESENTED:

Attended International Computer Science and Technology Conference (ICSTC) at San Diego, California, USA on April 1st – 3rd, 2008 and presented two papers:

- 1) SIMULATION STUDY AND IMPLEMENTATION OF SINGLE PIECE LEAN LINE DESIGN FOR CYCLE TIME REDUCTION – A Practical Approach.
- 2) MODERN METHODS TO SOLVE INDUSTRY PROBLEMS A LEAN MANAGEMENT CASE STUDY carried out in a Processing Industry.
- 3) Attended ANSYS Conference at Bangalore during the year 2008.

TRAINING PROGRAMMES CONDUCTED :

Conducted Training Programme on the performance of I. C. Engines to the Employees of BEML and Vikrant Tyres, Mysore.

WORKED AS A COORDINATOR :

- 1) Appointed as TEQIP (Technical Education Quality Improvement Programme) Department Co-ordinator and responsible for obtaining grants to the Institution from TEQIP.
- 2) Actively involved in the modernization of Metrology Laboratory of the Department.
- 3). NBA coordinator
- 4) Coordinator of the department for the survey conducted by the Confederation of Indian Industries (CII) in collaboration with the institution.

BOOKS PUBLISHED:

COMPILED DATA HAND BOOK ON THE DESIGN OF GEARS AND CAMS and was recognized by the University of Mysore.

LIFE MEMBER OF ISTE (Indian Standard for Technical Education), NEW DELHI.