

PROFILE

1. NAME AND DESIGNATION : **Dr.Nataraju.S.N**
Associate Professor
Department of Aeronautical Engineering
S.J.C. Institute of Technology,
P.B. 20, B B Road,
Chickballapur-562101, Karnataka

2. RESIDENTIAL ADDRESS : #4 1st Main 1st cross
MUNISWAMMYREDDY LAY OUT
THIMMENAHALLI BANGALORE-107

3. EMPLOYMENT RECORD (Starting from present position) :
Total Experience: 24 Years

UNIVERSITY/COLLEGE	DESIGNATION	DURATION	PERIOD
S.J.C. Institute of Technology	Associate Professor	7.5	Till Today
K.N.S. I. T	Assistant professor	3.5	2011-2014
H.K.B.K College of Engineering	Assistant professor	1.5	2009-2010
The Oxford College of Engineering	Assistant professor	5	2004-2009
Don Bosco institute of Technology	Lecturer	1	2003-2004
Industry	Production /Q.C/Maintenance Engineer	6	1994-2000

EDUCATIONAL QUALIFICATION:

Degree	Year	Specialization	University
Ph.D	2016	Hybrid Materials Science	VTU
M.Tech	2002	Maintenance Engineering	VTU
B.E.	1994	Production	BU

MEMBERSHIP OF TECHNICAL/PROFESSIONAL BODIES :

- 1) Life Member of Indian Society for Technical Education
- 2) Member of Institute of Engineers (India)

TRAINING PROGRAMMES/SEMINARS/CONFERENCES CONDUCTED:

1. National Conference on Emerging Trends in MECH “MANTHANA – 3rd and 4th May 2017 conducted by Mechanical Engineering Department SJC Institute of Technology Chickballapura
2. Conducted Webinar on INNOVATION IDEA AND ENTREPRENEUR SHIP in BGS Incubation center SJCIT in association with department of mechanical engineering on 24/12/2020 by S.Mukul Manohar head Vemana Business Incubation Center Vemana Institute of Technology Bengaluru
3. Conducted Webinar on awareness on IPR AND PATENTS FOR STUDENT AND FACULTY MEMBER SESSION 2020-21 as on 07/08/2020 by eminent speaker Dr. P. Raghothama Rao, former DRDO Regional Director / Scientist "G

TRAINING PROGRAMMES/ SEMINARS/CONFERENCES ATTENDED:

- 1) Faculty Development Programme on “Recent research Developments in Materials Engineering and Mechanical Design”, organized by the Department of Mechanical Engineering during 21st - 25th of July 2020 VISHNU INSTITUTE OF TECHNOLOGY
- 2) This is to certify that Dr. Nataraju.S.N of SJCIT has participated in Webinar on “Metallic Materials Structure Property Correlations”, organized by School of Mechanical Engineering, REVA University, Bengaluru on 29-06-2020
- 3) This is to certify that Dr. NATARAJU S. N had participated in the 12th Summer School in Tribology in a webinar mode organized by Tribology Society of India during 21-25 July, 2020
- 4) S J C Institute of Technology, Karnataka has undergone Innovation Ambassador training (Foundation Level) conducted by MoE's Innovation Cell & AICTE during the period from 30th June - 30th July 2021 in online mod
- 5) This is to certify that, Dr. Nataraju.S.N of SJCIT, has participated in Inspirational talk on “How son of a Van Driver, Student Member, and Mechanical Engineer became a Global Entrepreneur”, delivered by Mr. M. Dhananjayan, Managing Director, Focus Engineering India, Raja Rajeswari Institution Innovation Council (RRIIC) Focus Technologies LLC, Dubai held on Friday, 17th July 2020.
- 6) Faculty development training program on Nano materials and Nano composites from 20th

to 25th June 2016 organized by department of Mechanical Engineering MSRIT Bangalore.

- 7) 15 Days faculty development training programme on CAD, CAM, CAE Conducted by VTU, BELGAUM.
- 8) Faculty development training programme on train the Trainer conducted by TOCE Bangalore
- 9) Faculty development training program on materials conducted by SJCIT Chickballapura

PUBLICATIONS

International Journals:

1. Dr. Nataraju. S.N “Title: Wear Characteristics of Double Ceramic Particulate Hybrid Aluminum Matrix Composite” international Conference on "Futuristic Trends in Mechanical Engineering" (ICOFTIME-2020) 24-25 April 2020, Bengaluru, India volume 1013 Accepted papers received: 24 November 2020 Published online: 06 January 2021
2. Dr. Nataraju S N Title: Velocity Controlled Automated Stamping Machine and has got published in volume 5 Issue 2 , April –June, 2018. International journal of research and analytical reviews Approved by UGC Journal No. 43602 ISSN 2348-1269, Print ISSN 2349-5138
3. Dr. Nataraju S N Title “Vibration Monitoring of Batch Off Milling Tyre Manufacturing Plant” IEEE 4th International Symposium in Robotics and Manufacturing Automation (ROMA) on 10-12th December 2018 at Dhanalakshmi Srinivasa Engineering College (DSEC) Tamilnadu
4. Dr. Nataraju S N ¹ “Fabrication and development of hybrid vehicle (scooter) published in IJEETT journal ISSN 2231-5881 page No 219-222 May 2016
5. S.N. Nataraju¹ , A.S Ravindran² “Comparative Study of Tensile properties of forged hybrid alloys of AA6061/SiC/Gr/4% & 6%, 8% & 10% for various composition ratio of particles” published in IJRET journal volume 4, issue 10; October 2015

International Conferences:

“power management system” International conference on recent innovations in applied science, engineering & technology held on 16-17 June 2018 at IEI Mumbai ISBN 987-93-87793-30-2

National Conferences

Presented a paper titled: preparations Extraction of oil from muskmelon seeds to obtain biodiesel 3rd and 4th May 2017 SJC Institute of Technology Chickballapura

Presented a paper “Fabrication and development of hybrid vehicle (scooter) on 6th and 7th May 2016 at Srinivasa Institute of Technology Mangalore

- 1) Presented a paper titled: preparations of hybrid MMCs by using stir casting method on 21st and 22nd April 2016 SJC Institute of Technology Chickballapura
- 2) Presented a paper titled Study the hardness and Wear properties of AA6061/SiC/Gr/for various % particles of hybrid MMC alloy at Sathagiri College of

Engineering on 12th May 2015

- 3) Presented a paper titled Study of “Effect of reinforcement of AA6061/SiC/Gr 8% and 10% for various composition ratio of particles of hybrid MMC alloys”. At SJBIT on 10th May 2014
- 4) Presented a paper titled Study of mechanical properties of hybrid alloy (AA6061/SiC/Gr/4P) for various composition ratio of particles manufacturing by stir casting process at SIET on 15th April 2013
- 5) Presented a paper titled Comparative study of mechanical properties of hybrid alloy AA6061/SiC/Gr/4% and 6% for various composition ratios of particles At SJBIT on 4th May 2013
- 6) Presented a paper titled optimum availability of machine using preventive Maintenance and SQC technique – A case study. At BMSC Bangalore August 28-29th 2008

AREAS OF INTEREST: PRODUCTION, MAINTENANCE, MATERIAL SCIENCE

AREAS IN WHICH EXPERT LECTURERS CAN BE DELIVERED :

Measurements And Metrology, Quality, Production, NDT, Materials science

MAJOR ACHIEVEMENTS: Reviewers of international journals

ANY OTHER CONTRIBUTION TO THE DEPARTMENT / COLLEGE:

- NBA Coordinator-Criteria-5
- R & D work
- Lab incharge
- IIC vice-president
- IIC-IPR co-ordinator
- Workshops & Seminars Conduction
- Alumni work
- Coordinator for co-curricular activities for some events like Debates, Quiz, Choreography etc
- Member of Stock Verification Committee
- Chairman of library committee
- Member of anti-Ragging Committee

Dr.Nataraju.S.N