



# ACHARYA INSTITUTE OF TECHNOLOGY

## DEPARTMENT OF MECHATRONICS

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### 1. List of paper presentation in international journal with I.F

SL NO	NAME OF FACULTY	NAME OF JOURNAL	PAPER TITLE	DATE & YEAR PUBLISHED	INDEX/IMPACT FACTOR	ISSN NUMBER
1	Dr. ARK SWAMY	JOURNAL OF MINERALS & MATERIALS CHARACTERIZATION & ENGINEERING, USA	EFFECT OF PARTICULATE REINFORCEMENTS ON THE MECHANICAL PROPERTIES OF AL6061-WC AND AL6061-GR MMCS	VOL. 10, NO.12, PP.1141-1152, 2011	1.58	ISSN 2327-4085
2	Dr. ARK SWAMY	JOURNAL OF COMPOSITE MATERIALS	STUDIES ON PROPERTIES OF AS-CAST AL6061-WC-GR HYBRID MMCS	VOLUME 46, ISSUE 17, AUGUST 2012, PAGES 2111-2122	1.26	ISSN: 0021-9983.
3	Dr. ARK SWAMY	MATERIAL SCIENCE RESEARCH INDIA	MECHANICAL AND TRIBOLOGICAL PROPERTIES OF AS-CAST AL6061-TUNGSTEN CARBIDE METAL MATRIX COMPOSITES	VOL. 7 NO. 2, DEC. 2010	0.93	ISSN: 0973-3469
4	Dr. ARK SWAMY	© 2014 IJMERR. All Rights Reserved	MECHANICAL AND TRIBOLOGICAL BEHAVIOUR OF ALUMINIUM METAL MATRIX COMPOSITES USING POWDER METALLURGY TECHNIQUE— A REVIEW	www.ijmerr.com Vol. 3, No. 4, October 2014	0.462	ISSN 2278 - 0149
5	Dr. ARK SWAMY	Going to be published Elsevier, USA	Comparative Study on Sliding Wear Behavior of Al6061-WC-Gr Composites			
6	DILIP R & BHAGIRATHI V	JOURNAL OF MECHANICS & INDUSTRY RESEARCH	CELL PHONE BASED LIQUID INVENTORY MANAGEMENT USING WIRELESS SYSTEM	JMIR.05.01.2013	DOI: 10.12966	2329-9428
7	DILIP R & BHAGIRATHI V	OPEN JOURNAL OF ARTIFICIAL INTELLIGENCE	IMAGE PROCESSING TECHNIQUES FOR COIN CLASSIFICATION USING LABVIEW	OJAI.08.03.2013	DOI: 10.12966	2331-8015
8	DILIP R & CHANDRASHEKHAR L	INTERNATIONAL JOURNAL OF MANAGEMENT AND TECHNOLOGY RESEARCH	MAXIMUM SPEED ACHIEVED WITH DSP ALGORITHM AND APPLICATION OF UNFOLDING	JAN-JUNE 2014		2277-291X
9	DILIP R & CHANDRASHEKHAR L	INTERNATIONAL JOURNAL OF MANAGEMENT AND TECHNOLOGY RESEARCH	REAL TIME CONTROL SYSTEM FOR INDUSTRIAL AUTOMATION	JAN-JUNE 2014		2277-291X
10	BASAVARAJ NOOLVI	INTERNATIONAL JOURNAL OF APPLIED	MODAL ANALYSIS OF CONVENTIONAL & SANDWICH CONSTRUCTED	VOLUME 10 2011		0973-4652

		ENGINEERING RESEARCH	PASSENGER CAR ROOF			
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**2. LIST OF PAPER PRESENTATION IN INTERNATIONAL SEMINARS/CONFERENCES**

SL NO	NAME OF FACULTY	NAME OF CONFERENCE	PLACE	PAPER TITLE
1	Dr. ARK SWAMY	TEAMTECH 2009, 19-21ST NOV 2009	BANGALORE KARNATAKA	MECHANICAL PROPERTY EVALUTION OF As-CAST Al6061 -WC -Gr- HYBRID COMPOSITE
2	Dr. ARK SWAMY	ICSE-2010, 21ST-23RD APRIL 2010	BANGALORE KARNATAKA	MECHANICAL PROPERTY EVALUTION OF As-CAST Al6061 -WC - COMPOSITE
3	Dr. ARK SWAMY	AMMMT-2010 18TH -19TH NOV 2010	SIT TUMKUR	FINITE ELEMENT ANALYSIS OF AI BASED MMCs AND HMMCs
4	Dr. ARK SWAMY	INCRAE-2011 21ST-22ND APRIL 2011	CHENNAI, TAMIL NADU	MECHANICAL AND TRIBOLOGICAL PROPERTIES OF AS-CAST AL6061- TUNGSTEN CARBIDE - GRAPHITE HYBRID METAL MATRIX COMPOSITES
5	Dr. ARK SWAMY	ICAM-2011 19TH -20TH AUG 2011	BANGALORE KARNATAKA	COMBINED EFFECT OF T6 HEAT TREATMENT AND REINFORCEMENTS ON TRIBOLOGICAL PROPERTIES OF Al6061 -WC -Gr- HYBRID METAL MATRIX COMPOSITE
6	DILIP R	INTERNATIONAL CONFERENCE ON DESIGN AND APPLICATION OF STRUCTURES, DRIVES COMMUNICATIONAL AND COMPUTING SYSTEM	MADURAI, TAMIL NADU	ALIVE HUMAN DETECTION USING PIR SENSOR IN EARTHQUAKE AFFECTED AREAS FOR HUMANITARIAN RELIEF
7	DILIP R	INTERNATIONAL CONFERENCE ON SCIENCE ENGINEERING AND MANAGEMENT	TRICHY TAMIL NADU	A ZVS SINGLE STAGE HIGH VOLTAGE GAIN BOOST CONVERTER FEASIBLE TO PV BATTERY CHARGER SYSTEMS
8	DILIP R & BHAGIRATHI V	INTERNATIONAL CONFERENCE ON INNOVATIONS INSTRUMENTATION ,OPTIMIZATION AND SIGNAL PROCESSING	COIMBATORE TAMIL NADU	SPEECH BASED COMPUTER INTERACTIVE SYSTEM TO MONITOR INDUSTRIAL VOLTAGE AND CONTROL SYSTEM
9	DILIP R & BHAGIRATHI V	INTERNATIONAL CONFERENCE ON INNOVATIONS INSTRUMENTATION OPTIMIZATION AND SIGNAL PROCESSING	COIMBATORE TAMIL NADU	CELL PHONE BASED LIQUID INVENTORY MANAGEMENT USING WIRELESS SYSTEM
10	DILIP R & BHAGIRATHI V	INTERNATIONAL CONFERENCE ON SCIENCE ENGINEERING AND MANAGEMENT	TRICHY TAMIL NADU	LAN BASED INDUSTRIAL AUTOMATION WITH GSM CONNECTIVITY

**3. LIST OF PAPER PRESENTATION IN NATIONAL SEMINARS/CONFERENCES**

SL NO	NAME OF FACULTY	NAME OF CONFERENCE	PLACE	PAPER TITLE
1	Dr. ARK SWAMY	TIME-2004, DEC 27TH 2004	WARANGAL, AP	MEATL MATRIX COMPOSITES FOR TURBINE DISC AND RIM OF AERO ENGINES A REVIEW
2	Dr. ARK SWAMY	AME-2009 30st -31st march	BANGALORE KARNATAKA	CHARACTERISTIC BEHAVIOR OF NON LINEAR VIBRATION SYSTEMS
3	Dr. ARK SWAMY	DCMP 2011 7TH-9TH April 2011	BANGALORE KARNATAKA	COMPARISON OF THE MECHANICAL PROPERTIES OF Al 6061- WC- & Al6061-Gr-MMCs
4	BHAGIRATHI V	NATIONAL CONFERENCE IN RECENT TRENDS IN COMMUNICATION AND NETWORKING	BANGALORE KARNATAKA	ANALYSIS OF OPTIMIZED CAPTIVE POWER PRODUCTION USING VIRTUAL INSTRUMENTATION
5	DILIP R	NATIONAL CONFERENCE IN RECENT TRENDS IN COMMUNICATION AND NETWORKING	BANGALORE KARNATAKA	VISION THROUGH DIGITALISATION
6	CHANDRASHEKHAR L & DILIP R	TECHMAN -13 ACHARYA INSTITUTE OF TECHNOLOGY	BANGALORE KARNATAKA	MAXIMUM SPEED ACHIEVED WITH DSP ALGORITHM AND APPLICATION OF UNFOLDING
7	DILIP R & CHANDRASHEKHAR L	TECHMAN -13 ACHARYA INSTITUTE OF TECHNOLOGY	BANGALORE KARNATAKA	REAL TIME CONTROL SYSTEM FOR INDUSTRIAL AUTOMATION