NAME : A.X. AMAL REBIN
ROLL NUMBER : 412909051
GUIDE : Dr. S. KUMARAN
BATCH : JANUARY 2010
RESEARCH AREA : MAGNESIUM ALLOY DEVELOPMENT

JOURNAL PAPERS PUBLISHED:
□ R. Venkateswaran, A.X. Amal Rebin, S. Kumaran, Simulation of the Magnesium cast using ProCAST -Accepted for publication in Journal of Manufacturing Engineering

Data collated by Dept. MME, mid – January 2014
NAME: V.S.BALAJI
ROLL NUMBER: 412110001
GUIDE: Dr. S.KUMARAN
BATCH: JULY-2010
RESEARCH TITLE: MECHANICAL AND TRIBOLOGICAL BEHAVIOR OF Ti / TiB+TiC HYBRID IN-SITU COMPOSITES BY SPARK PLASMA SINTERING

PUBLICATIONS:

NAME : ILAYARAJA.M

ROLL NO : 412110002

RESEARCH GUIDE : Prof S. RAMAN SANKARANARAYANAN

External Guide: Dr. John L Berchmans, CSIR - CECRI, Karaikudi

BATCH : 2010

AREA OF RESEARCH : PROCESS METALLURGY

RECENT PUBLICATION:

“PREPARATION OF RARE EARTH - TRANSITION METAL (RE: Y, TM: Co) INTERMETALLIC COMPOUNDS BY CALCIOTHERMIC REDUCTION DIFFUSION PROCESS” accepted for publication in the Journal of Metallurgical and Materials Engineering
NAME OF THE SCHOLAR  : M. SANDHYA RANI
ROLL NUMBER  : 412110051
DATE OF REGISTRATION  : FEBRUARY -2011
RESEARCH SUPERVISOR : Dr. N. RAMESH BABU
TOPIC OF RESEARCH : SURFACE MODIFICATION OF ZIRCONIUM BY PLASMA ELECTROLYTIC OXIDATION FOR BIOMEDICAL IMPLANT APPLICATIONS

RECENT RESEARCH PUBLICATIONS:


NAME OF THE SCHOLAR : S.VENUKUMAR

ROLL NUMBER : 412110052

DATE OF REGISTRATION : FEBRUARY 2011

NAME OF THE RESEARCH SUPERVISOR : Dr. S. MUTHUKUMARAN

TOPIC OF RESEARCH : FRICTION STIR SPOT WELDING OF ALUMINUM ALLOYS BY USING REFILLING TECHNIQUE

RECENT RESEARCH PUBLICATIONS:


NAME : C.SAJITH BABU
ROLL NUMBER : 412111001
GUIDE NAME : Dr. K.SIVAPRASAD
BATCH : JULY 2011
RESEARCH AREA : NANOCRYSTALLINE HIGH ENTROPY ALLOYS

JOURNALS DETAILS:


NAME : A.VENKATESWARI
ROLL NUMBER : 412111006
GUIDE NAME : Dr. S.KUMARAN
BATCH : JULY-2011
RESEARCH AREA : POWDER METALLURGY
JOURNALS DETAILS :

Paper Titled: Impact of Amorphous Structure on \( \text{Mg}_{67}\text{Ni}_{(33-x)}\text{Nb}_1\text{Al}_x \) Alloy Synthesised by Mechanical Alloying for Hydrogen Storage Application, published in International Journal of Innovation & Research.
NAME : M. ADAM KHAN
ROLL NO : 412111002
BATCH : AUGUST 2011
RESEARCH GUIDE : Prof. S.SUNDARRAJAN
RESEARCH CO-GUIDE : PROF.S.NATARAJAN
RESEARCH AREA : HOT CORROSION & SURFACE ENGINEERING

Publication Details:


NAME: LARULMANI

ROLL NO: 412111003

BATCH: AUGUST-2011

AREA OF RESEARCH: Hot Deformation Behaviour Studies of Iron

And Sintered Forged AISI87xx P/M Steels Through Elemental Powders

RESEARCH SUPERVISOR: Dr. K.S. PANDEY

JOURNAL PUBLICATION: INTERNATIONAL JOURNALS – 2 Nos.

1. IJERT-DENSIFICATION MECHANISM OF IRON AND IRON OXIDE COMPOSITES OF SINTERED HOT FORGING (UNDER REVIEW)

2. IJMME- DENSIFICATION BEHAVIOUR AND MECHANICAL PROPERTIES EVOLUTION OF SINTERED FORGED AISI 8720 PM STEELS (UNDER REVIEW)

CONFERENCE: 1 INTERNATIONAL CONFERENCE ATTENDED (RAMPT'13-NEC-KOVILPATTI)

NAME : S.MOORTHY RAM
ROLL NO : 412111005
RESEARCH GUIDE : Prof. S.RAMAN SANKARANARAYANAN
BATCH : AUGUST 2011
AREA OF RESEARCH : PROCESS METALLURGY
NAME : S.SURESHKUMAR

ROLL NUMBER : 412111055

BATCH : DECEMBER 2011

RESEARCH GUIDE : Dr. B. RAVISANKAR

RESEARCH AREA : EVALUATION OF DIFFUSION BONDED JOINTS.

PUBLICATION DETAILS :

NAME : S MANIVANNAN

ROLL NUMBER : 412111054

GUIDE NAME : Dr. S.P.KUMARESH BABU

CO-GUIDE : Dr. S.SUNDARAJAN

BATCH : JANUARY 2012

RESEARCH AREA : DEVELOPMENT OF NEW MG-AL-ZN-RE ALLOYS FOR AUTOMOBILE APPLICATION.
NAME : KG. THIRUGNANASAMBANTHAM

ROLL NO : 412111051

BATCH : JANUARY 2012

RESEARCH GUIDE : Prof. S. NATARAJAN

RESEARCH AREA : EROSION, WEAR & SURFACE ENGINEERING.
NAME : Y.G.BALA  
ROLL. NO : 412111053  
BATCH : JANUARY 2012  

AREA OF RESEARCH: POWDER PREFORM FORGING  
RESEARCH SUPERVISOR: Dr.K.S.PANDEY /PROFESSOR/ DEPTT. OF MME  
CO-RESEARCH SUPERVISOR: Dr. S.RAMANSANKARANARAYANAN  

International conference: 1  

1. “Some Aspects of Barrelling in Sintered Hypo And Hypereutectoid P/M Steels During Hot Forging of P/M Preforms” in RAMPT’13 at National Engineering College, Kovilpatti
NAME : K.TEJONADHA BABU

ROLL NUMBER : 412112002

GUIDE NAME : Dr.S.MUTHUKUMARAN

BATCH : JULY 2012

RESEARCH AREA : FRICTION STIR WELDING
NAME : KONDAIAH GUDIMETLA

ROLL NO : 412112007

GUIDE NAME : Dr. B. RAVISANKAR

BATCH : JULY 2012

RESEARCH AREA : EQUAL CHANNEL ANGULAR PRESSING (ECAP)
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NAME : G. VENKATESAN
ROLL NUMBER : 412112003
BATCH : SEPTEMBER 2012
RESEARCH GUIDE : Dr. V. MUTHUPANDI
RESEARCH AREA : ACTIVATED TIG WELDING

PUBLICATION DETAILS :


NAME: VINOADH KUMAR K  
ROLL NUMBER: 412112004  
GUIDE NAME: Dr. S.KUMARAN  
BATCH: OCTOBER 2012  
RESEARCH AREA: POWDER METALLURGY

PUBLICATION/CONFERENCE DETAILS:

1) K Vinoadh Kumar, S Manimozhi, Experimental investigation to predict and map springback in hot formed boiler grade steel pipes using Response Surface Methodology, Proceedings of Third International Conference on Materials for future, ICMF 2013, GCE Thrissur, India.

2) K Vinoadh Kumar*, S Kumaran1, Arun Raphel2, TM Manjunath2, Synthesis of nanostructured oxide dispersion strengthened ferritic stainless steels by spark plasma sintering, Proceedings in Research scholars day, IIST Tiruvananthapuram, Kerala, India.

3) K Vinoadh Kumar*, S Kumaran1, Arun Raphel2, T M Manjunath2, Development of bulk vanadium compacts from pure vanadium powders: a study using mechanical alloying and spark plasma sintering, International journal of Innovation and Research, Issn 2319-4340, Vol. 03
NAME : VENKATA KONDAIAH .E
ROLL NO : 412111052
BATCH : JANUARY 2013
AREA OF RESEARCH : POWDER PREFORM FORGING
RESEARCH SUPERVISORS: Dr. K.S.PANDEY
Dr. SRINIVASAN SUNDARRAJAN

International conference: 1

NAME : R.MAHENDRAN

ROLL NO : 412112051

BATCH : FEBRUARY 2013

RESEARCH GUIDE : Dr.S.P.KUMARESHBABU,ASSOCIATE

RESEARCH AREA : SURFACE ENGINEERING.
NAME: JOBY JOSEPH.I
ROLL NO: 412112001
BATCH: JULY 2013

AREA OF RESEARCH: Weldability Characteristics of Hot Sintered Hot Forged High Density Performs of Low Alloy High Strength Steels

RESEARCH SUPERVISOR: Dr.K.S. PANDEY

CONFERENCE:

1 INTERNATIONAL CONFERENCE ATTENDED (RAMPT'13-NEC-KOVLIPATTI)

“WELDABILITY CHARACTERISTICS OF SINTERED HOT FORGED PLATES OF SA387GR22 STEEL PRODUCED THROUGH P/M ROUTE”
NAME: MAHADEVA SWAMY
ROLL NUMBER: 412113001
GUIDE NAME: Dr. S. MUTHU KUMARAN
BATCH: JULY-2013
RESEARCH AREA: FRICTION WELDING
NAME: MAXWELL REJIL.C
ROLL NUMBER: 412113002
GUIDE NAME: Dr. S. MUTHUKUMARAN
BATCH: JULY-2013
RESEARCH AREA: SOLID STATE WELDING
NAME: K.CHANDRA SEKHAR
ROLL NUMBER: 412113003
GUIDE NAME: Dr. B. RAVISANKAR
BATCH: JULY-2013
RESEARCH AREA: SEVERE PLASTIC DEFORMATION
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NAME: M.P SHANKAR
ROLL NUMBER: 412113005
GUIDE NAME: Dr. K.SIVA PRASAD
BATCH: JULY-2013
RESEARCH AREA: DISSIMILAR ALUMINIUM JOINING PROCESSES
NAME : P. BHAGAT SINGH

ROLL NUMBER : 412113006

GUIDE NAME : Dr. S. KUMARAN

BATCH : JULY-2013

RESEARCH AREA : Casting, Extrusion, Rolling, ECAP, Corrosion

JOURNAL DETAILS:
“MICROSTRUCTURAL EVOLUTION AND MECHANICAL PROPERTIES OF α-MAGNESIUM-LITHIUM ALLOY” selected and published in the International Conference on Metallurgical and Materials Processes, Products and Applications,
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NAME : T.ARUN NELLAIAPPAN
ROLL NUMBER : 412113008
GUIDE NAME : Dr. N. RAMESH BABU
BATCH : JULY-2013
RESEARCH AREA : PEO COATING ON Mg-ALLOYS
NAME : MUTHU KUMAR.P
ROLL NUMBER : 412113009
GUIDE NAME : Dr. S. JEROME
BATCH : JULY-2013
RESEARCH AREA : FRICTION STIR PROCESSING
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NAME: KANANTHA KUMAR
ROLL NUMBER: 412113051
GUIDE NAME: Dr. S.KUMARAN
BATCH: 2014
RESEARCH AREA: SPARK PLASMA SINTERING

Data collated by Dept. MME, mid – January 2014