

Cellphone : 9443512421

e-Mail ID : kumaresan@mitindia.edu

Address : 16/27, C12, Raams Appartment, Rajaji Street, Nehru
nagar,Chromepet,Chennai-44.



Present Position

Teaching Fellow, Department of Production Technology, Madras Institute of Technology, Anna University, Chennai from June-2013.

Present Additional Responsibility

- Programme Officer, Madras Institute of Technology, Anna University, Chennai.

Previous Additional Responsibility

- , , Anna University, Chennai.

Other Employment

- Lecturer, Sapthagiri College of Engineering for 3 years.
- Lecturer, Rajiv Gandhi College of Engineering for 1 year.
- Teaching Research Associate, MIT Campus, Anna University for 4.9 years.

Degree

- ❖ M.E. in MANUFACTURING ENGINEERING , Anna University (2002 - 2004).
- ❖ B.E. in MECHANICAL ENGINEERING , Madurai Kamaraj University (1995 - 1999).

Research Degree

- ❖ Ph.D. in Metal forming from Faculty of Mechanical Engineering, Madras Institute of Technology Campus, Anna University (2008 - 2013).
Title: Experimental and FE simulation studies of superplastic forming of Al 7075 alloy.

Area of Specialisation

- Materials technology, Manufacturing engineering

Membership in Professional Organization

- > ISTE

Research Guidance

Number of Ph.D Scholars Guided	: 1
Number of Ph.D Scholars Guiding	: 3
Number of M.E./ M.Tech. Projects Guided	: 10

Papers Published in Journals

Research Papers Published in International Journals	: 3
Research Papers Published in National Journals	: 0

1. kumaresan g kalaichelvan k, "multidome forming test for determining the strainrate sensitivity index of a superplastic 7075 al alloy sheet", journal of alloys and compounds, published by elsevier. Vol. 583, pp. 226-230 (2013).
2. kumaresan g jotilingam a, "experimental and FE simulation validation of sheet thickness optimization in superplastic forming of al alloy", journal of mechanical science and technology, published by springer. Vol. 30, Issue 7, pp. 3295-3300 (2016).
3. kumaresan g machlin jawahar e senthil kumar p, "tin and tcn coated stainless steel 316 ultrasonic cavitation probe for high temperature application", silicon, published by springer. Vol. 11, pp. 713-719 (2018).

Papers Presented in Programmes

Research Papers Presented in International Programmes	: 4
Research Papers Presented in National Programmes	: 3

1. "continuous control of the thickness distribution in superplastic forming" presented in a National level conference on RIPR, organised by MIT Campus, Anna University, india from 16-Apr-2010 to 17-Apr-2010.
2. "enhancement of thickness distribution in superplastic deformation of aluminium alloy sheet" presented in a International level conference on ISRS, organised by IIT Madras, india from 20-Dec-2010 to 22-Dec-2010.
3. "the influence of the thermomechanical treatment process for achieving fine grain size superplastic aluminium alloy sheet" presented in a National level conference on RTMT, organised by CEG Campus, Anna University, india from 11-Mar-2011 to 12-Mar-2011.
4. "enhancement in the uniformity in the thickness distribution of superplastic forming process" presented in a National level conference on NACONDM, organised by IIT Madras, india from 27-May-2011 to 28-May-2011.

5. on ICCMM, organised by IIT Guwahati, india from 15-Dec-2011 to 16-Dec-2011.
6. "experimental investigation of a rectangular cup formation in superplastic forming process" presented in a International level conference on ISRS, organised by IIT Madras, india from 13-Dec-2012 to 15-Dec-2012.
7. "evaluation of the formability of an al alloy sheet in bulge test through superplastic forming" presented in a International level conference on AMPC, organised by CEG Campus Anna University, india from 06-Feb-2013 to 08-Feb-2013.

Programme Chaired

1. National level conference titled "NCARMS" conducted by MIT Campus, Anna University, Chennai from 25-Mar-2016 to 26-Mar-2016.
2. Co Chairman, International level conference titled "ADMMS" conducted by MIT Campus, Anna University, Chennai from 11-Oct-2019 to 12-Oct-2019.

Honours

1. "the light metal education foundation award" given by light metal education foundation japan from japan (2015).
2. "Best NSS program officer award" given by Anna University from India (2017).

Experience Abroad

1. Visited Tokyo - ito international Research center, Japan from 07-Sep-2015 to 11-Sep-2015. Purpose of visit :paper presentation.

Invited Lectures

1. Delivered a Lecture on "Engineering Materials and Metallurgy" in FDP organized by MIT Campus, Anna University, Production technology (10-Dec-2016).