The Indian Institute of Metals
Trivandrum Chapter

Prof. Brahm Prakash Best Paper and Thesis Award for the year 2018

I. PhD Thesis award

Sl.No.	Name	Title of the Thesis	University	Supervisors	Remark
1.	AKHIL S. KARUN CSIR-NIIST, Trivandrum	Fabrication and Characterization of Functionally Graded Metal and Polymer Composites by Sequential and Centrifugal Casting Techniques	Cochin University of Science and Technology (CUSAT)	Dr. U.T.S. Pillai & Dr. T.P.D. Rajan	PhD-1

II. Publication award

Senior Category

Sl. No	Name and Affiliation of First Author	Title and Bibliography of the paper	Remark
1.		Effect of Heat Treatment and Combination of Cold Rolling and Heat Treatment on Microstructure and Mechanical Properties of Titanium Alloy Ti6Al2V2Zr1.5Mo	SC-02

Sl. No	Name and Affiliation of First Author	Title and Authors of the paper	Paper No.
		R. K. Gupta, V. Anil Kumar, Rishi Gaur& Bhavanish Kumar Singh J. of Materi Eng and Perform, DOI 10.1007/s11665-018-3576-3	
2.	Dr. Niraj Nayan, VSSC, Trivandrum	Cryogenic Mechanical Properties of Warm Multi-Pass Caliber-Rolled Fine-Grained Titanium Alloys: Ti-6Al-4V (Normal and ELI Grades) and VT14 NIRAJ NAYAN, GAURAV SINGH, T. ANTONY PRABHU, S.V.S. NARAYANA MURTY, and U. RAMAMURTY METALLURGICAL AND MATERIALS TRANSACTIONS A, VOLUME 49A, JANUARY 2018	SC-04

Young Researcher Category

Sl. No	Name and Affiliation of First Author	Title and Authors of the paper	Paper No.
	Dr. M. Jayalakshmi LPSC, Trivandrum	Insights into formation of gradient nanostructured (GNS) layer and deformation induced martensite in AISI 316 stainless steel subjected to severe shot peening M. Jayalakshmi, Prashant Huilgol, Badekai Ramachandra Bhat, K. Udaya Bhat Surface & Coatings Technology 344 (2018) 295–302	YRC-01

	Dr. Jerin K Pancrecious CSIR-NIIST, Trivandrum	Nanoceria induced grain refinement in electroless Ni-B-CeO2 composite coating for enhanced wear and corrosion resistance of Aluminium alloy Jerin K. Pancrecious, J.P. Deepa, Varanya Jayan, Ulaeto Sarah Billa, T.P.D. Rajana, B.C. Pai Surface & Coatings Technology 356 (2018) 29–37	YRC-03