

CURRICULUM VITAE

Dr. R. KESHAVAMURTHY

Professor and Head

Department of Mechanical Engineering

Dayananda Sagar College of Engineering

K.S Layout, Bangalore 560078, INDIA

☎ : +91-9886252095

✉ : keshavamurthy.r@gmail.com



Linked in: <https://in.linkedin.com/in/dr-r-keshavamurthy-95639567>

Google Scholar: <https://scholar.google.co.in/citations?user=O-FbnpAAAAJ&hl=en>

ORCID : <https://orcid.org/0000-0002-8478-0934>

Scopus ID: [6506959389](https://orcid.org/0000-0002-8478-0934)

Publons: <https://publons.com/researcher/1522180/r-keshavamurthy/>

H-Index: Google Scholar-28, Scopus-24.

EDUCATION:

Degree	Specialization	University	Year of Completion	Class
Bachelor of Engineering	Mechanical Engineering	Visveswaraya Technological University, Belgaum.	2005	First Class
Master of Technology	Manufacturing Science & Engg.	Visveswaraya Technological University, Belgaum.	2007	First Class with Distinction (Secured 1 st Rank & Gold Medal)
PhD	Mechanical Engineering	Visveswaraya Technological University, Belgaum.	2011	Awarded

PhD Thesis: Development and Characterization of Al6061-Si₃N₄ Metal Matrix Composites

EMPLOYMENT DETAILS:

Employer	Post held	Period	Work profile
Dayananda Sagar College of Engineering Bangalore – 78 India (An Autonomous Institute affiliated to VTU, Belgaum)	Professor & Head, Mechanical Engineering, Accredited by NBA (Tier-1)	1 st Oct.2015 To till date	Professor and Head, Mechanical Engineering Dept. >Head- Center for Surface Engineering & Research >Teaching UG & PG students. >Execution of R & D Projects. >Industry-Institute Interactions. > Industrial Consultancy
	Associate Professor	1 st Aug. 2013 to Sep. 30 th 2015	>Teaching UG & PG students. > Supervised UG, PG and PhD students, PG coordinator, MTech (CIM). > NBA Coordinator
Central Manufacturing Technology Institute (CMTI) (GOI) Bangalore – 22, INDIA	Scientist (Rapid Prototyping Division)	2 nd May 2012 to 31 st July 2013 (1 Yr, 2M)	>Research and Consultancy activities on Additive Manufacturing (DMLS and DMD) Technologies. >Faculty for Training courses on Additive Manufacturing & Surface Engineering. >Guided UG, PG students.
PES Institute of Technology, Bangalore – 85 India	Assistant Professor	2 nd Aug. 2010 to 30 th April 2012 (1yr,10M)	>Teaching UG & PG students. >Execution of Funded projects. >Supervised UG, PG students.
	Research Associate	1 st July 2007 to 1 st Aug. 2010. (3Yr, 2M)	> Planning & Execution of Funded Research and Consultancy Projects.

SPONSORED RESEARCH PROJECTS CARRIED OUT:

Sl. No	Project Title	Role	Funding Agency / Scheme	Amount ₹
1	Development of Sustainable Technology for Recycling and Reprinting of 3D Printed Plastic Waste (2022-2024) (On-going)	Principal Investigator	Visveswaraya Technological University (VTU), Belgaum & Dayananda Sagar College of Engineering, Bengaluru. Scheme: VTU Research Grant (University-Institute Partnership)	Rs.15 Lakhs
2	Development of High Tensile Brasses with silicon & Manganese Addition (2019-22) (On-going)	Principal Investigator	SERB, Dept. of Science & Technology, GOI & M/s Rapsri Engineering Products Pvt.ltd.	Rs.34 Lakhs
3	Development and Characterization of Plasma Sprayed flyash based composite coatings. (2018-2020) (Completed)	Principal Investigator	Vision Group for Science and Technology (VGST) Govt. Of Karnataka (Scheme: Research Grant for Scientist faculty)	Rs. 5 Lakhs
4	Development of Nano Thermal Barrier Coatings (2017-2021) (Completed)	Principal Investigator	All India Council for Technical Education(AICTE), New Delhi	Rs.10.42 Lakhs
5	Design and Development of Aluminum dies for Areca Plate Manufacturing (2012-13) (Consultancy Project) (Completed)	Principal Investigator	M/s Anargya Green Earth Pvt. Ltd. Bangalore	Rs. 30,000/-
6	Study on Erosive wear behavior of Al6061-Si ₃ N ₄ composites(2007-10) (Completed)	Research Associate	Naval Research Board(NRB), New Delhi	Rs.19.25 Lakhs
7	Extrusion Studies on Metal Matrix Composites (2009-11) (Completed)	Research Associate	DST. New Delhi	Rs.34 Lakhs

SPONSORED STUDENT PROJECTS CARRIED OUT:

Sl. No	Project Title	Role	Funding Agency / Amount Received
1	Industrial waste reinforced Metal Matrix Composites	Project Supervisor	Karnataka State Council for Science and Technology (KSCST) Rs. 55500/-
2	Development of solar absorber coatings to improve the performance of parabolic trough collector		
3	Utilization of Industrial Waste for Development of Protective Coatings		
4	Synthesis and Characterization of Industrial waste reinforced Aluminum Surface Composites By Friction Stir Processing		
5	Synthesis of Industrial Waste Reinforced Polymer Composites by 3D Printing Technology		
6	Development of 3D Printed Polymer composites using recycled plastic waste		
7	Synthesis & Evaluation of Waste PET Plastic Reinforced Polymer Composites by 3D Printing Technology		
8	Fabrication and Evaluation of Properties of Agro-Waste Reinforced Recycled 3D Printed Polymer composites		

RESEARCH GUIDANCE:

Number of Thesis - Completed			Number of Thesis - Ongoing		
Ph.D.	M.Tech	B.E	Ph.D.	M.Tech	B.E
4	22	18 Batch	06	02	02

DETAILS OF PhD GUIDANCE:

Sl No.	Details of the Scholar	Designation & Affiliation	Topic of Research	Year & University	Status
1	G.S.Pradeep Kumar	Assistant Professor Department of Mechanical Engineering Christ University, B'lore - 78	Hot forging studies on In-situ Composites	2013 VTU	Awarded (2017)
2	Naveena B.E.	Assistant Professor Dayananda Sagar College of Engineering, B'lore - 78	Thermal Spray Coatings for Aluminum alloys	2013 VTU	Awarded (2019)
3	Vasanth Kumar N	Assistant Professor Bangalore Institute of Technology, Bangalore	Hot Rolling Studies on MMCs	2015 VTU	Awarded (2020)
4	Vijay T (Co-Guide)	Assistant Professor Dayananda Sagar College of Engineering, B'lore - 78	3D Printing Technology	2016	Awarded (2020)
5	S.Harish	Assistant Professor Mechanical Engg. SJCIT, Chikkaballapur	Development of In-situ Copper MMCs	2015 VTU	Comprehensive viva Completed
6	Vikram Gowda N	Sr.Engineer Madhus Equipments Pvt. Ltd. B'lore.	Spot Welding studies on dissimilar alloys	2016 VTU	Comprehensive viva Completed
7	Vinay C D	Assistant Professor Dayananda Academy of Technology, Bangalore - 78	3D Printing Technology	2015 VTU	Comprehensive viva Completed
8	Amith Kumar Gajkosh	Assistant Professor BTL Institute of Technology, Bangalore - 78	Hybrid Metal Matrix Composites	2016 VTU	Comprehensive viva Completed
9	Shiva Kumar H	Assistant Professor, PESU, Bangalore	High Temperature Coatings	2018 VTU	Course work under progress
10	Prabhakar K	Associate Professor Dayananda Sagar College of Engineering, B'lore - 78	High Tensile Brasses	2017 Mangalore University	Thesis Submitted

RESEARCH & PUBLICATIONS:

SUMMARY		
Journal Publications	International	National
	105	02
Conference Publications	International	National
	29	04
Total Publications*	142	
Book chapters	14	
Patent	02	
Number of Scopus Indexed Papers	102	
H-Index	Scopus	Google Scholar
	23	28
I10-Index	35	49
Highest number of Citations per paper	195	228
Total Citations as on 10th June 2022	1806	2499

*Details of Publications, Book Chapter and patent are enclosed.

MEMBERSHIP OF PROFESSIONAL BODIES / AWARDS / RECOGNITIONS:

- **Life Member**, Tribology Society of India (LM 5208).
- **Life Member**, Indian Welding Society (LO1450).
- **Life Member**, Additive Manufacturing Society of India (AM-259).
- **Life Member**, Indian Society of Technical Education (LM115868).
- **Life Member**, Institution of Engineers, India (LM 1579562).
- **Life Member**, International Association of Engineers-IAENG, Hong Kong (LM 205318)
- **Member, Board of Examination**, Jain University, Bangalore.
- Recipient of **GOLD MEDAL** for securing 1st Rank in M.Tech by VTU, Belgaum.
- Recipient of **MERITORIOUS STUDENT AWARD** for securing highest marks in M.Tech-Manufacturing Science & Engg., by Ghousia Industrial and Engg. Trust.
- Recipient of **IAE-YOUNG ACHIEVER AWARD** (2016) for Best Publication from Institute of Advances in Engineering.
- Recipient of **YOUNG FACULTY AWARD** in Mechanical Engineering (2017) from Venus International Foundation (VIFA), Chennai, India.
- Recipient of **YOUNG ENGINEER AWARD** in Mechanical Engineering (2018) from Institution of Engineers (IEI), New Delhi, India.

- **Editorial Board Member:**

- International Journal of Material Science and Applications

- **Invited Reviewer Assignments:**

- International Journal of *Surface Coating & Technology* (Elsevier Publications)
- International Journal of *Engineering Science & Technology* (Elsevier Publications)
- International Journal of *Materials and Product Tech.* (Inderscience Publications)
- International Journal of *Materials & Design* (Elsevier Publications)
- International Journal of *Rapid Prototyping* (Emerald Publications)
- International Journal of *King Saud University* (Elsevier Publications)
- Journal of *Tribology International* (Elsevier Publications)
- International Journal of *Materials Characterization* (Elsevier Publications)
- Iranian *Polymer Journal* (Springer Publications)
- *American Journal of Material Research*
- *Advances in Tribology*
- *Journal of Materials and Manufacturing* (Taylor & Francis)
- **Mechanics of Advanced Materials and Modern Processes** (Springer Publications)
- *International Journal of Environmental Technology* (Taylor & Francis)
- *Multidiscipline Modeling in Materials and Structures* (Emerald Publications)
- *International Journal of Materials Research*
- International Journal of *Powder Metallurgy* (Taylor & Francis)
- *Journal of Engineering* (Hindwai)
- International Journal of *Advanced Manufacturing Technology* (Springer)
- Journal of *Optics and Laser Technology* (Elsevier Publications)
- Journal of *Metallography, Microstructure and Analysis* (Springer/ASM)
- Journal of *SN Applied Sciences* (Springer)
- Journal of *Mechanical Engineering* (Institution of Engineers, India)
- Journal of *Alloys and Compounds* (Elsevier Publications)
- Journal of *Ceramic International* (Elsevier Publications)
- Journal of *Materials Research Express* (IOP Science)
- Journal of *Institution of Engineers (India): Series D*
- Journal of *Advances in Materials and Processing Technologies* (Taylor and Francis)
- Journal of *Tribology in Industry*
- Journal of *Frontiers in Physics, section Computational Physics.*
- Journal of *Materials Engineering and Performance* (Springer Publications)
- Journal of *Composite Part B* (Elsevier Publications)
- Journal of *Results in Physics* (Elsevier Publications)
- Journal of *Composite Communications* (Elsevier Publications)
- Journal of *The Institution of Engineers (India): Series D* (Springer)
- Journal of *Diamond and Related materials* (Elsevier Publications)
- Book: *Additive Manufacturing Materials and Technology* (Elsevier Publications)

- **Expert Lecture/Invited Talk Delivered:**

Sl. No.	Institute	Topic	Month /Year
1	City Engineering College, Bangalore	Recent Advances in Metal Matrix composites	July 2014
2	Ramaiah Institute of Technology	Development of High Performance Materials by 3D Printing Technology	May 2017
3	Christ University, Bangalore	Development of Nano Composites Materials by 3D Printing Technology	Feb 2019
4	SJCIT, Chickaballapura	Fundamentals of 3D Printing and its Applications	March 2019
5	Jain University, Bangalore	Synthesis of Nano Composite by 3D Printing Technology	September 2021
6	PES College of Engineering, Mandya	Processing and Applications of 3D Printed Polymer Composites	January 2020
7	Kalinga Institute of Technology, Orissa	Processing of Polymer Composites by 3D Printing Technology	December 2021
8	SJCIT, Chickaballapura	Nano Materials and its Characterization	January 2022

- **International Collaborations:**

Sl.No.	Name of the Collaborator	Area of Collaboration
1	Dr.Mohammed Alipour Director, Department of Materials Engineering, Faculty of Mechanical Engineering, University of Tabriz, Tabriz 51666-14766, Iran	Metal Matrix Composites, Secondary Processing of Nonferrous alloys.
2	Dr.J. Paulo Davim, Professor, Mechanical Engineering, University of Aveiro, Portugal	Additive Manufacturing
3	Dr. T. M. Yunus Khan, Department of Mechanical Engineering, College of Engineering, King Khalid University, Saudi Arabia	Thermal Spray Coatings and 3D Printing Technology

- **Abroad Visit:**

Sl.No.	Country Visited	Purpose
1	Thailand	Presented Research Papers in an International Conference on 3D Printing Technology
2	Dubai	Visited Universities for Research Collaborations and attended DUBAI EXPO 2022.

Date **10/6/2022**

Place **Bangalore**

R.KESHAVAMURTHY

LIST OF JOURNALS, PATENTS AND BOOK CHAPTERS

International Journals	
2022	
1	Mohammad Alipour, R. Keshavamurthy , Praveennath G. Koppad, Ali Shakiba, Nagaraja C. Reddy, “ <i>Investigation of Microstructure and Mechanical Properties of Cast Al–10Zn–3.5Mg–2.5Cu Nanocomposite Reinforced with Graphene Nano Sheets Produced by Ultrasonic Assisted Stir Casting</i> ”1-122, June 2022. Impact factor: 1.88 (Q2).
2	SR Hiremath, R Keshavamurthy , CS Ramesh, “ <i>Abrasive Wear Behaviour of High-Velocity Oxy-Fuel Sprayed Molybdenum–10 wt% Silicon Carbide Composite Coatings</i> ”, Journal of The Institution of Engineers (India): Series D, 1-13. Impact factor: 1.42 (Q3)
3	SS Ahmed, HN Girisha, R Keshavamurthy , “ <i>Impact of Hot Rolling on Mechanical Characteristics of AA7075/TiB₂/Graphite Hybrid Composites</i> ”, Journal of The Institution of Engineers (India): Series D 103 (1), 191-201. Impact factor: 1.42 (Q3)
4	K Mohammed Ibrahim, SS Havaladar, A Hiriyanaiyah, R Keshavamurthy “ <i>Parametric Effect on Tribological Performance of Plasma-Sprayed Composite Coating on Bearing Steel</i> ”, Journal of The Institution of Engineers (India): Series D 103 (1), 275-285. Impact factor: 1.42 (Q3)
2021	
5	Pradeep Kumar, G. S., R. Keshavamurthy , V. Umesh, Vijay Tambrallimath, Yash Yadav, Talha Toufeeq, and Sakshi Arun. "Dry Sliding Friction and Wear Performance of HVOF Sprayed WC–Co Coatings Deposited on Aluminium Alloy." Journal of The Institution of Engineers (India): Series D (2021): 1-14. Impact factor: 1.42 (Q3)
6	Kumar, R. Vasanth, R. Keshavamurthy , Chandra S. Perugu, M. Alipour, and C. Siddaraju. "Influence of hot rolling on friction and wear behaviour of Al6061-ZrB ₂ in-situ metal matrix composites." <i>Journal of Manufacturing Processes</i> 69 (2021): 473-490. Impact factor: 5.01 (Q1)
7	Keshavamurthy , R., B. E. Naveena, C. S. Ramesh, and M. R. Haseebuddin. "Evaluation of Slurry Erosive Wear Performance of Plasma-Sprayed Flyash-TiO ₂ Composite Coatings." <i>Journal of Bio-and Tribo-Corrosion</i> 7, no. 3 (2021): 1-16. Impact factor: 3.11 (Q2)
8	Tambrallimath, Vijay, R. Keshavamurthy , D. Saravanabavan, Abhinandan Badari, and M. C. Jeevan. "Numerical and experimental analysis of thermal conductivity of PC-ABS nanocomposite reinforced with graphene developed by fused deposition modeling." <i>Materials Today: Proceedings</i> (2021).
9	Gajakosh, Amit Kumar, R. Keshavamurthy , G. Ugrasen, and H. Adarsh. "Investigation on mechanical behavior of hot rolled Al7075-TiB ₂ in-situ metal matrix composite." <i>Materials Today: Proceedings</i> 5, no. 11 (2018): 25605-25614. (Q1)
10	Kuppahalli, Prabhakar, Ramaiah Keshavamurthy , Padmanathan Sriram, and Ahobal Narayana. "Influence of Silicon Additions on Microstructure and Mechanical Properties of Manganese Bronze Alloys." <i>Iranian Journal of Materials Science and Engineering</i> 18, no. 2 (2021) (Q3)
11	Gowda, BN Yuyuths, M. R. Haseebuddin, Bhaskar Pal, and R. Keshavamurthy . "Mechanical and wear behaviour of graphite nano filler reinforced Al 6061 composites." <i>Materials Today: Proceedings</i> (2021).
12	Madhusudhana, H. K., M. Prasanna Kumar, Arun Y. Patil, R. Keshavamurthy , T. M. Khan, Irfan Anjum Badruddin, and Sarfaraz Kamangar. "Analysis of the Effect of

	Parameters on Fracture Toughness of Hemp Fiber Reinforced Hybrid Composites Using the ANOVA Method." <i>Polymers</i> 13, no. 17 (2021): 3013. (Q1)
13	Tambrallimath, Vijay, R. Keshavamurthy , Saravana D. Bavan, Arun Y. Patil, Yunus Khan, Irfan Anjum Badruddin, and Sarfaraz Kamangar. "Mechanical Properties of PC-ABS-Based Graphene-Reinforced Polymer Nanocomposites Fabricated by FDM Process." <i>Polymers</i> 13, no. 17 (2021): 2951. (Q1)
14	Keshavamurthy, R. , Vijay Tambrallimath, Ali A. Rajhi, Arun Y. Patil, Yunus Khan, and R. Makannavar. "Influence of Solid Lubricant Addition on Friction and Wear Response of 3D Printed Polymer Composites." <i>Polymers</i> 13, no. 17 (2021): 2905. (Q1)
15	Keshavamurthy, R. , B. E. Naveena, T. Ramesh, and N. K. Shashikumara. "Optimization of Process Parameters for Plasma Sprayed Lanthanum Zirconate TBCs on Nickel Based Superalloy." In <i>Advances in Science and Technology</i> , vol. 106, pp. 90-96. Trans Tech Publications Ltd, 2021.
16	Keshavamurthy, R. , C. S. Ramesh, GS Pradeep Kumar, and Vijay Tambrallimath. "Experimental investigation of tribocorrosion." In <i>Tribocorrosion</i> , pp. 17-42. Academic Press, 2021. (Q2)
17	Sachit, T. S., D. Vinay Kumar, R. Keshavamurthy , and GS Pradeep Kumar. "Mechanical and tribological investigation on Al LM4/TiC composite fabricated through bottom pouring method." <i>Materials Today: Proceedings</i> 43 (2021): 2909-2914.
18	Kumar, GS Pradeep, R. Keshavamurthy , M. Prabhu Akhil, K. Kiran, Mervin J. Thomas, Vijay Tambrallimath, and Gurumoorthy S. Hebbar. "Friction and wear behaviour of HVOF sprayed Cr ₂ O ₃ -TiO ₂ coatings on aluminium alloy." <i>International Journal of Materials Engineering Innovation</i> 12, no. 1 (2021): 1-17. Impact factor: 0.90 (Q3)
19	Tambrallimath, Vijay, R. Keshavamurthy , Abhinandan Badari, Lohith Ramesh, and Gagan Raj. "Emergence of additive manufacturing in global scale during the crisis of 2019-nCoV (novel corona virus)." <i>Materials Today: Proceedings</i> 45 (2021): 6813-6817.
20	Kumar, GS Pradeep, R. Keshavamurthy , Minumula Prabhu Akhil, M. Harish Kumar, Vivin Chackalayil George, and J. T. Kavya. "Effect of salt spray parameters on TiC reinforced aluminium based in-situ metal matrix composites." <i>Materials Today: Proceedings</i> 46 (2021): 4574-4578.
21	Bilkar, Digamba, R. Keshavamurthy , and Vijay Tambrallimath. "Influence of carbon nanofiber reinforcement on mechanical properties of polymer composites developed by FDM." <i>Materials Today: Proceedings</i> 46 (2021): 4559-4562.
2020	
22	RV Kumar, R Keshavamurthy , CS Perugu, C Siddaraju "Influence of heat treatment on microstructure and mechanical behaviour of hot-rolled Al-Mg-Si alloy" <i>Advances in Materials and Processing Technologies</i> , 1-10 (2020) (Q3)
23	Shivappagoudar, Alok R., Amit S. Gali, Anirudh V. Kuber, Sadashivu I. Giraddi, Arshad N. Havaladar, Arun Y. Patil, Basavaraj B. Kotturshettar, and R. Keshavamurthy . "Design Optimization of Innovative Foldable Iron Box." In <i>Innovative Product Design and Intelligent Manufacturing Systems</i> , pp. 51-59. Springer, Singapore, 2020.

24	R Keshavamurthy , V Tambrallimath, A Badari, RA Krishna, GS Kumar “ <i>Friction and wear behaviour of copper reinforced acrylonitrile butadiene styrene based polymer composite developed by fused deposition modelling process</i> ” FME Transactions 48 (3), 543-550 (2020) Impact factor: 3.31 (Q2)
25	S Thomas, R Keshavamurthy , GS Kumar, V Tambrallimath, GD Prasanna “ <i>An improved compocasting technique for uniformly dispersed multi-walled carbon nanotube in AA2219 alloy melt</i> ” FME Transactions 48 (3), 581-58 (2020) Impact factor: 3.31 (Q2)
26	V Tambrallimath, R Keshavamurthy , PG Koppad, D Sethuram “ <i>Mechanical Characterization of PC-ABS Reinforced with CNT Nanocomposites developed by Fused Deposition Modelling</i> ”, JPhCS 1455 (1), 012003 (2020)
27	D Sethurama, R Keshavamurthy , S Paljor, PE Rohit, PG Koppad “ <i>Effect of multiple reinforcements (CNT/Si3N4) on hardness, electrical conductivity and friction coefficient of aluminium hybrid composites</i> ” JPhCS 1455 (1), 012011 (2020).
28	JT Kavya, R Keshavamurthy , G Ugrasen, S Manjoth “ <i>Prediction of machining characteristics of Abrasive Water Jet Machined Al7075-TiB₂ In-situ composite</i> ” Materials Today: Proceedings 24, 851-858 (2020).
2019	
29	V Tambrallimath, R Keshavamurthy , D Saravanabavan, PG Koppad, “ <i>Thermal behavior of PC-ABS based graphene filled polymer nanocomposite synthesized by FDM process</i> ” Composites Communications 15, 129-134. (2019) Impact factor: 3.28 (Q1)
30	V Tambrallimath, R Keshavamurthy , D Saravanbavan, GS Pradeep Kumar, M Harish Kumar “ <i>Synthesis and characterization of graphene filled PC-ABS filament for FDM applications</i> ” AIP Conference Proceedings, Volume 2019. 2057, Issue 1 Pages 020039. (2019)
31	GS Pradeep Kumar, R Keshavamurthy , Prachi Kumari, S Manjoth, JT Kavya “ <i>Electrochemical behavior of cast and forged aluminum based in-situ metal matrix composites</i> ” AIP Conference Proceedings, Volume2080, Issue1, 2019. Impact factor: 0.4
32	Patil, Arun Y., N. R. Banapurmath, Jayachandra S. Yaradoddi, B. B. Kotturshettar, Ashok S. Shettar, G. D. Basavaraj, R. Keshavamurthy , TM Yunus Khan, and Shridhar N. Mathad. "Experimental and simulation studies on waste vegetable peels as bio-composite fillers for light duty applications." Arabian Journal for Science and Engineering 44, no. 9 (2019): 7895-7907. (Q2)
33	R Makannavar, R Keshavamurthy , M Biradar “ <i>Mechanical Properties of Graphite Filled ABS Parts Developed by Fused Deposition Modelling</i> ” IOP Conference Series: Materials Science and Engineering 577 (1), 012146. (2019)
34	P Kuppahalli, R Keshavamurthy , P Sriram, JT Kavya “ <i>Microstructural and Mechanical behaviour of Nickel Aluminum Bronze alloys</i> ” IOP Conference Series: Materials Science and Engineering 577 (1), 012044. (2019)
35	HRA Ram, KT Kashyap, KS Sridhar, K Venkatesh, K Gopalakrishna, R Keshavamurthy “ <i>Experimental and theoretical prediction of Copper-Nickel nano-phase diagram</i> ” Materials Research Express 6 (9), 0950a5. (2019) Impact factor: 1.449 (Q2)
36	R Keshavamurthy , BE Naveena, A Ahamed, N Sekhar, D Peer “ <i>Corrosion</i>

	<i>characteristics of plasma sprayed flyash–SiC and flyash–Al₂O₃ composite coatings on the Al-6061 alloy</i> ” Materials Research Express 6 (8), 0865i4. (2019) Impact factor: 1.449 (Q2)
37	BE Naveena, R Keshavamurthy , N Sekhar “ <i>Dry Sliding Wear Behaviour of Plasma Sprayed Flyash-Al₂O₃ and Flyash-SiC Coatings on the Al6061 Aluminum Alloy</i> ” Silicon 11 (3), 1575-1584. (2019) Impact factor: 1.246 (Q3)
38	Naveena, B. E., R. Keshavamurthy , and N. Sekhar. "Comparative study on effects of slurry erosive parameters on plasma sprayed flyash-Al ₂ O ₃ and flyash-SiC composite coatings on Al6061 alloy." International Journal of Computational Materials Science and Surface Engineering 8, no. 1 (2019): 57-75. (Q4)
39	AC Gowda, PG Koppad, D Sethuram, R Keshavamurthy “ <i>Morphology Studies on Mechanically Milled Aluminium Reinforced with B₄C and CNTs</i> ” Silicon 11 (2), 1089-1098. (2019) Impact factor: 1.246 (Q3)
40	YB Mukesh, TP Bharathesh, R Saravanan, R Keshavamurthy “ <i>Effect of hot extrusion on mechanical behaviour of boron nitride reinforced aluminium 6061-based metal matrix composites</i> ” International Journal of Materials Engineering Innovation 10 (2), 135-151. (2019) Impact factor: 0.77 (Q3)
2018	
41	R.V Kumar, R Keshavamurthy , C.S Perugu, PG Koppad, M Alipour “ <i>Influence of hot rolling on microstructure and mechanical behaviour of Al6061-ZrB₂ in-situ Metal Matrix Composites</i> ” Materials Science and Engineering: A 738, 344-352. Impact factor: 4.081 (Q1)
42	Seyed Sajad Mirjavadi, Mohammad Alipour, AMS Hamouda, S Kord, Praveennath G Koppad, Yu A Abuzin, R Keshavamurthy “ <i>Effect of hot extrusion and T6 heat treatment on microstructure and mechanical properties of Al-10Zn-3.5 Mg-2.5 Cu nanocomposite reinforced with graphene nanoplatelets</i> ”, Journal of Manufacturing Processes 36, 264-271. Impact factor: 3.462 (Q1)
43	R.Keshavamurthy , Madhusudan.J, Anuragh, Vivek, Prathyush singh, Amandeep “ <i>Wear Behaviour of Hrad chrome and Tungsten Carbide HVOF Coatings</i> ”Materials Today Proceedings (2018) (Elsevier Publications) Impact factor: 0.97
44	Amith Kumar.G, R.Keshavamurthy , Ugrasen.G, Adarsh.H, “ <i>Investigations on Mechanical Behaviour of Hot Rolled Al7075-TiB₂ In-situ Metal Matrix Composites</i> ” Materials Today Proceedings (2018) (Elsevier Publications) Impact factor: 0.97
45	Akshy.B.R, R.Keshavamurthy , Prabhakar. K, Madhusudan.J, “ <i>Mechanical Properties of Friction Stir Processed Al6061-BN Surface Composite</i> ” Materials Today Proceedings (2018) (Elsevier Publications) Impact factor: 0.97
46	Venkategowda, C., S. Rajanna, N. G. S. Udupa, and R. Keshavamurthy . "Experimental investigation of glass-carbon/epoxy hybrid composites subjected to low velocity impact test." FME Transactions 46, no. 4 (2018): 595-602. (Q2)
2017	
47	Naveena.B.E., R.Keshavamurthy , Sekhar N, “ <i>Slurry Erosive Wear Behavior of Plasma Sprayed Flyash-Al₂O₃ Coatings</i> ”Journal of Surface Engineering, Vol. 33, Issue 12, pp 925-935 2017, (Taylor and Francis) Impact factor: 1.084
48	Mallikarjuna, H. M., C. S. Ramesh, P. G. Koppad, R. Keshavamurthy , and D. Sethuram. "Nanoindentation and wear behaviour of copper based hybrid composites reinforced with SiC and MWCNTs synthesized by spark plasma sintering." Vacuum 145 (2017): 320-333. (Q1)

49	K V Shivananda Murthy, D P Girish, R.Keshavamurthy , Praveennath Koppad, Temel Varol, “ <i>Mechanical and thermal properties of AA7075/TiO₂/Fly ash hybrid composites obtained by hot forging</i> ”, Journal of Progress in Natural Science: Materials International May 2017 (Accepted for Publication) (<i>Elsevier Publications</i>) (I.F:1.753) Impact factor: 4 (Q1)
50	Seyed Sajad Mirjavadi, Mohammad Alipour, Soheil Emamian, S. Kord, A.M.S. Hamouda, Praveennath G. Koppad, R. Keshavamurthy , “ <i>Influence of TiO₂ nanoparticles incorporation to friction stir welded 5083 aluminum alloy on the microstructure, mechanical properties and wear resistance</i> ”, Journal of Alloys and Compounds May 2017 (Article in Press) (<i>Elsevier Publications</i>) (I.F:3.014) Impact Factor: 3.624 (Q1)
51	S.J.Niteesh Kumar, R.Keshavamurthy , M.R.Haseebuddin, Praveennath G Koppad “ <i>Mechanical Properties of Aluminum-Graphene Nano Composite Synthesized by Powder Metallurgy and Hot Extrusion</i> ” Transactions of Indian Institute of Metals, March 2017, (Impact Factor 0.502) (<i>Springer Publications</i>) (Q2)
52	G.S.Pradeep Kumar, P.G.Koppad, R.Keshavamurthy , Mohammed Alipour “ <i>Microstructure and Mechanical Behavior of In-situ Fabricated AA6061-TiC In-situ Composite</i> ” Archives of Civil and Mechanical Engineering. 17 (3), 535-544 (2017). (Impact Factor 2.194) (<i>Elsevier Publications</i>) (Q1)
53	Surya, Vishwa R., KM Vinay Kumar, R. Keshavamurthy , G. Ugrasen, and H. V. Ravindra. "Prediction of machining characteristics using artificial neural network in wire EDM of Al7075 based in-situ composite." Materials Today: Proceedings 4, no. 2 (2017): 203-212.
2016	
54	H.M.Mallikarjuna, C.S.Ramesh, P.G.Koppad, R.Keshavamurthy , K.T.Kashyap “ <i>Effect of Carbon Nanotube & Silicon Carbide on Microstructure and Dry Sliding Wear Behavior of Copper Hybrid Nano Composites</i> ” Transactions of Non Ferrous Society of China, Volume 26(2016) Pages 3170-3182. (Impact Factor 1.45) (Elsevier publications) (Q1)
55	AR Vinod, CK Srinivasa, R Keshavamurthy , PV Shashikumar, “ <i>A Novel Technique for Reducing lead-time and Energy Consumption in Fabrication of Inconel-625 parts by Laser-Based Metal Deposition Process</i> ” Rapid Prototyping Journal Vol. 22 Iss: 2, pp.269 – 280. (Impact Factor 1.352), (Emerald Publications) (Q1)
56	HM Mallikarjuna, CS Ramesh, Praveennath G Koppad, R Keshavamurthy “ <i>Microstructure and Microhardness of Carbon Nanotube-Silicon Carbide/Copper Hybrid Nanocomposite Developed by Powder Metallurgy</i> ” Volume 9, Issue 14, Journal of Science and Technology, Pages 1–10, April 2016. Impact Factor: 5.07 (Q3)
57	G.S. Pradeep Kumar , R. Keshavamurthy , Prachi Kumari, Chirag Dubey “ <i>Corrosion Behaviour of TiB₂ Reinforced Aluminium Based insitu Metal Matrix Composites</i> ” Perspectives in Science (Special Issue on Engineering & Material Sciences) Volume 8, Pages 172–175, 2016. (Elsevier Publications). Impact Factor: 1.36
58	H.M Mallikarjuna, K.T Kashyap, P.G koppad, C.S Ramesh, R.Keshavamurthy “ <i>Microstructure and Dry Sliding Wear Behavior of Cu-Sn Alloy Reinforced with Multiwalled Carbon Nanotubes</i> ” Transaction of NoN Ferrous

	Society of China. Volume 26, Issue 7, July 2016, Pages 1755–1764. (Impact Factor 1.45) (Elsevier Publications) (Q1)
59	G.S. Pradeep Kumar, R. Keshavamurthy , Prachi Kumari “ <i>Influence of Hot forging on Tribological behavior of Al6061-TiB₂ In-situ composites</i> ” IOP Conf. Series: Materials Science and Engineering (2016) 149 (1), 012087.
60	Monjoth.S, R.Keshavamurthy , G.S.Pradeep Kumar, “ <i>Optimization and Analysis of Laser Beam machining parameters for Al7075-TiB₂ In-situ Composite</i> ” IOP Conf. Series: Materials Science and Engineering (2016) 149 (1), 012013.
61	Vasanth Kumar S, R.Keshavamurthy , Chandrashekar, “ <i>Microstructure and Mechanical Behaviour of Al6061- ZrB₂ In-situ Metal Matrix Composites</i> ” IOP Conf. Series: Materials Science and Engineering (2016) 149 (1), 012062.
62	R.Keshavamurthy , Madhusudhan J, Anand Krishna, “ <i>Effect of Thermo-Mechanical Processing and Heat Treatment on the Tribological Characteristics of Al Based MMC’s</i> ” IOP Conf. Series: Materials Science and Engineering (2016) Volume 149 (1), 012118.
63	Kavya, J.T, R.Keshavamurthy , G.S.Pradeep Kumar, “ <i>Studies on Parametric Optimization for Abrasive Water Jet Machining of Al7075-TiB₂ In-situ Composite</i> ” IOP Conf. Series: Materials Science and Engineering (2016) Volume 149 (1), 012024.
64	Adarsh.H, R.Keshavamurthy , C.S.Ramesh, Naveen P.N “ <i>Effect of Carbon Fiber Rod Reinforcement on Slurry Erosive Behavior of Aluminum Composites</i> ” Procedia Technology, 25, 916-923, 2016 (Elsevier Publications)
65	G.S.Pradeep Kumar, R.Keshavamurthy , “ <i>Friction and Wear behavior of Hot Forged Al6061-TiC MMCs</i> ” Indian Journal of Tribology, (Tribology Society of India) Vol.7 No.1, July 2016, pp 10-13.
2015	
66	G.S.Pradeep Kumar, R.Keshavamurthy , “ <i>Friction and Wear properties of Al6061-TiC In-situ Metal Matrix Composite</i> ” Journal of Applied Mechanics and Materials, Vol. 787, pp. 653-657, 2015. (Trans Tech Publications)
67	S.Harish Reddy, R.Keshavamurthy , “ <i>Mechanical Properties of Copper-TiC In-situ composite</i> ” Journal of Applied Mechanics and Materials, Vol. 787, pp. 593-597, 2015. (TransTech Publications)
68	K.V.Shivananda Murthy, R.Keshavamurthy , D.P.Girish “ <i>Mechanical Characteristics of Hot forged Al6061-Al₂O₃ composite</i> ” Journal of Applied Mechanics and Materials, Vol. 787, pp. 598-601, 2015.(TransTech Publications)
69	T.P.Barathesh, C.S.Ramesh, R.Keshavamurthy , “ <i>Effect of Hot forging on Mechanical Properties of Al6061-TiO₂ composites</i> ” Materials Today Proceedings, Vol.2 (2015) Issues 4–5, pp.2005–2012.(Elsevier Publications)
70	G.S.Pradeep Kumar, R.Keshavamurthy , C.S.Ramesh, T.P.Barathesh “ <i>Mechanical Properties of Hot forged Al6061-TiB₂ In-situ Metal Matrix Composites</i> ” Materials Today Proceedings, Vol. 2 (2015) Issues 4–5, pp.3107–3115.(Elsevier Publications)
71	Vijay Nidagundi, R.Keshavamurthy , C.P.S.Prakash, “ <i>Studies on Parametric Optimization for Fused Deposition Modelling</i> ” Materials Today Proceedings, Volume 2, Issues 4–5, 2015, Pages 1691-1699.(Elsevier Publications)
72	Sunil J R, R.Keshavamurthy , C.P.S.Prakash, B.H.Channabasappa “ <i>Optimization of Process Parameters for Plasma Sprayed Flyash-Titania Composite Coatings</i> ”

	Materials Today Proceedings, Volume 2, Issues 4–5, 2015, Pages 2482-2490.(Elsevier)
73	C.S.Ramesh, N.Sekhar, R.Keshavamurthy , S.Pramod “A study on slurry erosion and corrosion behavior of HVOF sprayed Titania Coatings” International Journal of Surface Science and Engineering. Vol. 9, No. 1, 2015, pp 55-68. (Impact Factor:0384) (Q3)
74	Rahul M.R, R.Keshavamurthy , Praveennath G Koppad, and C.P.S.Prakash, “Mechanical characteristics of copper-TiB ₂ composite synthesized by In –situ Reaction”, International Journal of Applied Engineering Research, Vol. 10 (2015), 55, pp. 3803 – 3806. Impact Factor:0.51
75	Vishwa R Surya, K.M.Vinay Kumar, J.Shantan Sarma and R.Keshavamurthy , “Tribological characteristics of Epoxy matrix composites filled with Si ₃ N ₄ particles”, International Journal of Applied Engineering Research, Vol. 10 (2015), 55, pp. 3779-3783. Impact Factor:0.51
76	Vivek K Singh, Sahil Bambroo, Saurabh Sinha, Uttam K Mahto and R.Keshavamurthy , “Corrosion Behavior of plasma sprayed flyash coatings on mild steel substrate”, International Journal of Applied Engineering Research, Vol. 10 (2015), 55, pp. 3911-3914. Impact Factor:0.51
77	Naveena B.E. and R.Keshavamurthy , “Optimization of process parameters for thermally sprayed composite coatings using taguchi’s technique”, International journal of Applied Engineering Research, Vol. 10 (2015), 55, pp. 3897-3900. Impact Factor:0.51
78	K.V.Shivananda Murthy, D.P.Girish and R.Keshavamurthy , “Investigation on mechanical Behavior of hot forged AL7075-TiO ₂ -flyash hybrid metal matrix composites”, International Journal of Applied Engineering Research, Vol. 10 (2015), 55, pp.4105-4109. Impact Factor:0.51
2014	
79	Veerendra, R.Keshavamurthy , C.P.S.Prakash “Microstructure and Hardness Distribution in Friction Stir welded Al6061-TiB ₂ in-situ metal matrix composite” International Journal of Mechanical And Production Engineering, ISSN: 2320-2092, Volume- 2, Issue-9, Sept.-2014. PP.73-76.
80	R. Keshavamurthy , S.Suhael Ahmed, A.Mudashi Laxman, N.H.Anil Kumar, M.N.Shashidhara, Y.Vimarshan Reddy “Tribological properties of Hot forged Al2024-TiB ₂ in-situ composite” Advanced Materials Manufacturing & Characterization Vol4 Issue 2 (2014), PP.81-86.
81	R.Keshavamurthy , G.Ugrasen, R.Manasa,Narasimhe Gowda “Estimation of Tribological Behavior of Al2024-TiB ₂ in-situ composite using GMDH and ANN” Journal of Applied Mechanics and Materials, Vols. 592-594, pp. 1310-1314, 2014.
82	C.S.Ramesh, R.Keshavamurthy , J.Madhusudhan “Fatigue behavior of Ni-P coated Si ₃ N ₄ reinforced Al6061 composites” Journal of Procedia Materials Science. Volume 6, 2014, Pages 1444-1454.
83	Varun, R.Keshavamurthy , G.Ugrasen, C.P.S.Prakash “Experimental Investigations on Wire EDM of Al7075-TiB ₂ In-situ composites” Journal of Applied Mechanics and Materials, 2014. Vols. 592-594, pp. 321-325, 2014.
84	Narasimhe Gowda, B.Putta Bore Gowda, R.Chandrashekar, G.Ugrasen,

	R.Keshavamurthy “ <i>Experimental investigation of evacuated tube solar collector with annular heat exchanger</i> ” Journal of Applied Mechanics and Materials, Vols. 592-594, pp. 2355-2359, 2014.
85	G.Ugrasen, H.V.Ravindra, G.V.Naveen Prakash R.Keshavamurthy “ <i>Comparison of machining responses using multiple regression analysis and group method data handling technique of EN-19 material in WEDM</i> ” Journal of Applied Mechanics and Materials, 2014. Vols. 592-594, pp. 97-101, 2014.
86	C.S.Ramesh, R.Keshavamurthy , Subramanian G, Bharath K R “ <i>High cycle fatigue life prediction of Al6061-TiB₂ in-situ composites</i> ” Journal of Procedia Materials Science. Volume 6, 2014, Pages 1455-1469.(Elsevier publications)
87	G.Ugrasen, H.V.Ravindra, G.V.Naveen Prakash, R.Keshavamurthy “ <i>Process Optimization and Estimation of Machining Performances using Artificial Neural Network in wire EDM</i> ” Journal of Procedia Materials Science. Volume 6, 2014, Pages 1752-1760.(Elsevier publications)
88	G.Ugrasen, H.V.Ravindra, G.V.Naveen Prakash, R.Keshavamurthy “ <i>Estimation of machining performances using MRA, GMDH and Artificial Neural Network in Wire EDM of EN-31</i> ” Journal of Procedia Materials Science. Volume 6, 2014, 1788-1797.
2013	
89	R.Keshavamurthy , Padmanav Rashmirathi, A.R.Vinod, C.K.Srinivasa “ <i>Optimization of Process Parameters for Direct Metal Deposition of H13 tool Steel</i> ” Journal of Advanced Materials, Manufacturing and Characterization, Vol 3 Issue 2 (2013).
90	C.S.Ramesh, R.Keshavamurthy , Praveennath G. Koppad, K.T. Kashyap “ <i>Role of particle stimulated nucleation in Recrystallization of hot extruded Al 6061/SiC_p composites</i> ” Transactions of Nonferrous Metals Society of China, V23, 2013, 53-58. (Impact Factor: :1.45)Ranked No. 5th on Top 25 Articles for Transactions of Non Ferrous Society of China (2013). (Q1)
2012	
91	C.S. Ramesh, R. Keshavamurthy “ <i>Influence of Forging on Mechanical Properties of Ni-P coated Si₃N₄ Reinforced Al6061 Composites</i> ”, Materials Science & Engineering A, 551, 2012, 59-66. (Impact Factor: 2.647) (Elsevier publications) (Q1)
92	C.S.Ramesh, T.Bharateesh, R.Keshavamurthy , “ <i>Sand Abrasive Wear Behaviour of Hot Forged Al6061-TiO₂ Composites</i> ” Materials and Performance-ASM Publications, 2012, Volume 21, Issue 1, pp 74–82. (Impact Factor: 1.094) (Springer publications) (Q2)
2011	
93	C.S. Ramesh, D.S. Devaraj, R. Keshavamurthy , B.R. Sridhar, “ <i>Slurry Erosive Wear Behaviour of Thermally Sprayed Inconel-718 Coatings by APS Process</i> ” Wear, 271, 9–10, 29 July 2011, 1365-1371. (Impact Factor: 1.8) (Elsevier publications) (Q1)
94	C.S.Ramesh, R.Keshavamurthy, “ <i>Sand Slurry Erosive Wear Behaviour of SiC Reinforced Hot extruded Al6061 composites.</i> ” Journal of Materials Minerals and Characterization. Vol. 10, No.6, pp.493-505, 2011.
95	C.S. Ramesh, S. Pramod, R. Keshavamurthy “ <i>A Study on Microstructure and Mechanical Properties of Al6061–TiB₂ In-situ Composites</i> ” Materials Science and Engineering: A, 528, 12, 2011, 4125-4132. (Impact Factor: 2.647) (Elsevier) (Q1)

96	C.S.Ramesh, R.Keshavamurthy , “ <i>Slurry Erosive Wear Behaviour of Ni-P Coated Si₃N₄ reinforced Al6061 composites</i> ”, Materials & Design, 32 (2011), 1833-43. (Impact Factor: 3.5)(Elsevier publications) (Q1)
97	C.S. Ramesh, R. Keshavamurthy , S. Pramod, Praveennath G. Koppad “ <i>Abrasive Wear Behavior of Ni-P coated Si₃N₄ Reinforced Al6061 Composites</i> ” Journal of Materials Processing Technology, Volume 211, 8, 2011, 1423-1431. (Impact Factor: 2.36)(Elsevier publications) (Q1)
98	C.S.Ramesh, R.Keshavamurthy , G.J.Naveen “ <i>Effect of Extrusion Ratio on Wear Behaviour of Hot Extruded Al6061-SiCp (Ni-P coated) Composites</i> ”. Wear, Elsevier Publication, Volume 271, Issues 9–10, 29 July 2011, Pages 1868–1877. (Impact Factor: 1.8) (Q1)
99	C.S. Ramesh, S.K. Jagadeesh, R. Keshavamurthy “ <i>Solidification studies on sand cast Al 6061–SiC_p composites</i> ” Journal of Alloys and Compounds, 509, 2011, S371-S374. 2011. (Impact Factor: 3.014)(Elsevier publications) (Q1)
100	C.S. Ramesh, Suresh Kumar, D.S. Devaraj, R. Keshavamurthy “ <i>Slurry Erosive Wear Behavior of Plasma Sprayed Inconel-718 Coatings on Al6061 Alloy</i> ” Journal of Materials Minerals and Characterization, Vol. 10, No.5, pp.445-453, 2011
101	C.S.Ramesh, R.Keshavamurthy , R.Archana, D.Vineela, “ <i>ANN prediction of Coefficient of friction and sliding wear rates of Cast Al6061- Si₃N₄ Composites</i> ”, Advanced Materials Research, 159 (2011), 338-341. (Trans Tech Publications)
2010	
102	C.S.Ramesh, Abrar Ahamed, B.H.Channabasappa, R.Keshavamurthy “ <i>Development of Al6063-TiB₂ in-situ Composites</i> ”, Materials & Design, 31(4), (2010), 2230-36. (Impact Factor: 2.52)(Elsevier publications) (Q1)
103	S.K.Jagadeesh, C.S.Ramesh, J.M.Mallikarjuna, R.Keshavamurthy , “ <i>Prediction of Cooling curves during solidification of Al6061-SiC based metal matrix composites using Finite element Analysis</i> ”, Journal of Materials Processing Technology, 210 (4) (2010) 618-23. (Impact Factor: 2.36)(Elsevier publications) (Q1)
104	C.S.Ramesh, R.Keshavamurthy , S.Pramod “ <i>Friction and wear Behavior of Ni-P coated Silicon nitride reinforced Al6061 composites</i> ”, Tribology International, 43(3) (2010) 623-634. (Impact Factor: 2.259)(Elsevier publications)(Received Best Research Paper Award, From VGST, Government of Karnataka) (Q1)
2009	
105	C.S.Ramesh, R.Keshavamurthy , B.H.Channabasappa and S.Pramod, “ <i>Influence of heat treatment on Slurry Erosive Wear Resistance of Al6061</i> ”, Materials & Design, 30 (2009) 3713-3722. (Impact Factor: 2.52) (Q1)
106	C.S.Ramesh, R.Keshavamurthy , B.H.Channabasappa and Abrar Ahamed, “ <i>Microstructure and Mechanical properties of Ni-P Coated Si₃N₄ reinforced Al6061 composites</i> ”, Materials Science and Engineering: A, 502 (1-2) (2009) 99-106. (Impact Factor: 2.647) (Q1)
CONFERENCES	
107	Vishwa R Surya, K.M.Vinay, R.Keshavamurthy , G.Ugrasen, H V Ravindra “ <i>Prediction of Machining Characteristics using Artificial Neural Network in Wire EDM of Al7075 based In-situ Composite</i> ” International Conference on Materials

	Processing and Characterization, ICMPC-2016, March 2016. Hyderabad, India.
108	Ugrasen G, Ravindra H V, Naveen Prakash G V, R.Keshavamurthy and Giridhara G “ <i>Comparison of Machining Performances in Wire EDM for HCHCr Material Using Group Method Data Handling Technique and Artificial Neural Network</i> ” Proc. ASME.; Volume 2A: Advanced Manufacturing, Nov. 13, 2015. IMECE2015, USA.
109	Srinivasa M R, Rammohan Y S, H V Ravindra, R.Keshavamurthy , Ugrasen G “ <i>Process Parameter Optimization in Drilling of Epoxy Resin Reinforced with Carbon Fibers and Silicon Nitride</i> ” International Conference on Precision, Meso, Micro and Nano Engineering. December 10-12, 2015. IIT, Bombay.
110	Chethana K Y, Rammohan Y S, H V Ravindra, R.Keshavamurthy , M R Srinivasa. “ <i>Effect of Thrust Force, Vibration and Temperature on Drilling of Aluminium Alloy with Silicon Nitride Reinforcement</i> ” International Conference on Precision, Meso, Micro and Nano Engineering. December 10-12, 2015. IIT, Bombay.
111	T.P.Baratesh, C.S.Ramesh, R.Keshavamurthy , S.M.Verma, “ <i>Influence of forging on Tribological characteristics of Al6061-TiO₂ composite</i> ” National Tribology conference, PES University, December 15-17, 2015 (Mc grawill Publications).
112	Veerendra, R.Keshavamurthy , C.P.S.Prakash “ <i>Optimization of Friction stir welding parameters to Maximize Tensile strength of Al6061-TiB₂ in-situ metal matrix composite</i> ” Proceedings of International Multi conference in Mechanical Engineering, Vijay Vittal Institute of Technology, Bangalore. (Elsevier Publications).
113	A.R.Vinod, C.K.Srinivas, R.Keshavamurthy , P.V.Shashikumar, “ <i>Deposition of bronze-nickel on steel by laser-based metal deposition process</i> ” National Conference on Micro and Nano Fabrication. MNF-2013.
114	C.S.Ramesh, R.Keshavamurthy , “ <i>Tribological properties cast Al6061-Si₃N₄ Composites</i> ”, Proceedings of the ASME/STLE International Joint Tribology Conference, Memphis, Tennessee, USA. IJTC2009-15005, 63-65, doi: 10.1115/IJTC2009-15005.
115	C.S.Ramesh, R.Suresh Kumar, R.Keshavamurthy “ <i>Study of Sliding Wear Behavior of INCONEL718 Coatings on Mild Steel</i> ”, STLE International Conference, Atlanta, USA, May 15-19 th 2011.
116	K.S.Sridhar, C.S.Ramesh, R.Keshavamurthy “ <i>Friction and Wear Behaviour of Impact Extrusions of Al6061-SiC Composites</i> ” STLE International Conference, Atlanta, USA, May 15-19 th 2011.
117	C.S.Ramesh, S.K.Jagadeesh, R.Keshavamurthy , “ <i>Prediction of Solidification of Al6061 Alloy</i> ” International Conference- NAFEMS World Congress, Boston, USA, 23 rd -27 th May 2011.
118	C.S.Ramesh, R.Keshavamurthy , G.J.Naveen, “ <i>Effect of Ni-P coating of SiC particles on tribological Behavior of cast Al6061-SiC composites</i> ”, Proc. International conference on Advanced Materials, Manufacturing, Management & Thermal Science- AMMT-2010, Tumkur, India, Nov.2010.
119	C.S.Ramesh, T.B.Bharateesh, R.Keshavamurthy , “ <i>Mechanical properties of hot forged Al6061-TiO₂ Composites</i> ”, Proc. International conference on Advanced Materials, Manufacturing, Management & Thermal Science- AMMT-2010, Tumkur, India, Nov.2010.
120	C.S.Ramesh, D.S.Devaraj, R.Keshavamurthy , Anuj Kumar Kodam, “ <i>Corrosion</i>

	<i>studies on Plasma sprayed Inconel718 coatings on Mild steel substrate</i> ”, Proc. International conference on Advanced Materials, Manufacturing, Management & Thermal Science- AMMT-2010, Tumkur, India, Nov.2010.
121	C.S.Ramesh, C.K.Srinivas, R. Keshavamurthy , “ <i>A study on surface finish of laser sintered Iron-SiC composites</i> ” ,Ceramics/Composites Proc. STLE 65 th Annual Meeting & Exhibition , Las Vegas, USA, May 2010.
122	C.S.Ramesh, B.H. Channabasappa, R. Keshavamurthy , “ <i>Prediction of Friction & Wear Behavior of Al6061-SiC (Ni-P Coated)</i> ”, Ceramics/Composites, Proc. STLE 65th Annual Meeting & Exhibition , Las Vegas, USA, May 2010.
123	C.S.Ramesh, Mir Safiulla, R.Keshavamurthy and Abrar Ahamed “ <i>Effect of Extrusion on Strength and Corrosion Resistance of Al6061-Al₂O₃ Composites</i> ”, Proc. 2 nd International Conference on Advances in Mechanical Engineering, I.I.Sc.,Bangalore, July 2008.
124	C.S.Ramesh, A.R.Anwar Khan, Abrar Ahamed and R.Keshavamurthy , “ <i>Effect of Heat treatment on Hardness and Corrosion Behaviour of Al6061-TiO₂ Composites</i> ”, Proc. 2 nd International Conference on Advances in Mechanical Engineering, I.I.Sc.,Bangalore, July 2008.
125	C.S.Ramesh, R. Noor Ahmed, Abrar Ahamed and R.Keshavamurthy , “ <i>Strength and corrosion studies on Copper-TiO₂-Boric acid hybrid composites</i> ”, Proc. 2 nd International Conference on Advances in Mechanical Engg, I.I.Sc, Bangalore, 2008.
126	C.S.Ramesh, Mir Safiulla and R.Keshavamurthy , “ <i>Sand Slurry Erosive Wear Behaviour of Al6061-Sic Composites</i> ”, Proc. National Conference on Advances in Manufacturing and Industrial Engineering, Hyderabad, July 2007.
127	C.S.Ramesh, PremKumar, R.Keshavamurthy , “ <i>Prediction of Solidification Behaviour of Al6061 alloy Castings using Pro-Cast Simulation Software</i> ”, ASME international mechanical engineering congress, November 12-18, 2010, Vancouver, British Columbia.
128	C.S.Ramesh, R.Keshavamurthy “ <i>Effect of extrusion on slurry erosive wear resistance of Al6061-SiC composites</i> ” Proceedings of National conference on Recent Development in Mechanical Engineering, RDME-2009, held at Shree chitra Thirunal College of Engineering, Trivendrum. March 5-6 2009.
129	C.S.Ramesh, B.H. Channabasappa , R. Keshavamurthy , “ <i>Prediction of Friction & Wear Behavior of Al6061-SiC (Ni-P Coated)</i> ”, Ceramics/Composites, Proc. STLE 65 th Annual Meeting & Exhibition , Las Vegas, USA, May 2010.
130	C.S.Ramesh, R.Keshavamurthy, R.Archana, D.Vineela “ <i>Prediction of Tribological properties of Al6061-TiO₂ composites using Artificial Neural Network Approach</i> ” International Tribology conference, IIT Rookee, December 2011.
131	C.S.Ramesh, R.Keshavamurthy , D.Vineela, R.Archana “ <i>Prediction of slurry erosive wear behavior of Al6061-Si₃N₄ composites using ANN Approach</i> ” International Tribology conference, IIT Rookee, December 2011.
132	K. Sudarshan Sridhar, R. Chinnakurli Suryanarayana, P. Gundappanavar, R.Keshavamurthy , “ <i>A Study on Hot Extruded Al6061-SiC Tubes</i> ”2012 STLE Annual Meeting, May 6-10, 2012, Missouri, USA.
133	R. Chinnakurli Suryanarayana, C. Potadar, S. Cheekur Krishnamurthy, R.Keshavamurthy , “ <i>Development of Iron-Nickel Coated Graphite Composites by</i>

	<i>Laser Assisted Process</i> ”2012 STLE Annual Meeting, May 6-10, 2012, United States of America (USA).	
BOOKS/BOOK CHAPTERS / PROCEEDINGS/TECHNICAL REPORTS		
1	Editor of Book “ <i>Development, Properties, and Industrial Applications of 3D Printed Polymer Composites</i> ” Dr.Keshavamurthy R , Dr.Vijay Tambrallimath, Dr.J. Paulo Davim, IGI Global, USA (Scopus/Web of Science Indexed) https://www.igi-global.com/publish/call-for-papers/call-details/5835 .	
2	C.S.Ramesh, V.K.S Jain, R.Keshavamurthy , Zulfiqar Khan, Mark Hadfield (2013). “Prediction of slurry erosive wear Behavior of Al6061 alloy using a fuzzy logic approach , in: “ <i>Surface Effects and Contact Mechanics XI –Computational Methods and Experiments</i> , Editors: <i>T.M.De Hosson & C.A.Brebbia</i> , WIT Press, UK, ISBN 978-1-84564-722-3,	
3	Editor of Proc. Of National Conference on <i>Trends in Mechanical Engineering</i> (TAME),(Eds. <i>Dr.C.S.Ramesh, Dr.R.Keshavamurthy and Dr.V.P.Raghupathy</i>) PES Institute of Technology, Bangalore, 2011.	
4	R.Keshavamurthy, Naveena.B.E. Sekhar N “ <i>Thermal Spray Coatings for Erosion-Corrosion Protection</i> , in Production, Properties, and Applications of High Temperature Coatings, <i>Editors: A.H. Pakseresht</i> , IGI, Global, USA. ISBN: 9781522541943, 2018	
5	R.Keshavamurthy, Vijay.T, Prabhakar.K , <i>Additive Manufacturing Processes and their Applications for Green Technology</i> , in Green Engineering Techniques for Modern Manufacturing, <i>Editors: Dr.Paulo Davim, Dr.S.T.Kumaran, Prof.Taw Jo Ko, Dr.S.Arvind Raj</i> , IGI, Global, USA. (Accepted) 2018.	
6	R.Keshavamurthy, Muthu Raju, Govindraju , <i>Thermal Conductivity of Silicon Nitride Reinforced Al6061 Based Composites (Chapter: 29)</i> in Advanced Manufacturing and Materials Science, Springer International Publisher (2018) ISBN: 978-3-319-76275-3. Editors: Antony , Kurian, Davim, J. Paulo.	
7	Pradeep Kumar, R.Keshavamurthy , Vijay.T, Riya Biswas, Yogesh, Mechanical Properties of Al7075-SiC-TiO₂ Hybrid Metal Matrix composites (Chapter: 31) , in Advanced Manufacturing and Materials Science, Springer International Publisher (2018) ISBN: 978-3-319-76275-3. Editors: Antony , Kurian, Davim, J. Paulo.	
8	Ramaiah, Keshavamurthy , Naveena Bettahalli Eswaregowda, Vijay Tambrallimath, and Prabhakar Kuppahalli. "Optimization of Deposition Parameters in Plasma Spray Coatings." Modeling and Optimization in Manufacturing: Toward Greener Production by Integrating Computer Simulation (2021): 217-235.	
9	Bavan, D. Saravana, R. Keshavamurthy , and Praveennath G. Koppad. "Editorial preface: A special issue on International Conference on Advanced Trends in Mechanical and Aerospace Engineering (ATMA-2019)." (2021): A1.	
10	Raju, KS Anantha, R. Keshavamurthy , Praveennath G. Koppad, and S. C. Prashantha. "Editorial preface: A special issue on International Conference on Advances in Materials, Ceramics & Engineering Sciences (AMCES-2020)." (2021): A1.	
11	Tambrallimath, Vijay, R. Keshavamurthy , Arun Patil, and H. Adarsha. "Mechanical and Tribological Characteristics of Polymer Composites Developed by Fused Filament	

	Fabrication." In Fused Deposition Modeling Based 3D Printing, pp. 151-166. Springer, Cham, 2021.
12	Keshavamurthy, R. , Vijay Tambrallimath, G. Ugrasen, and D. P. Girish. "Sustainable Product Development by Fused Deposition Modelling Process." In Fused Deposition Modeling Based 3D Printing, pp. 213-225. Springer, Cham, 2021.
13	Keshavamurthy, Ramaiah , Vijay Tambrallimath, Praveen G. Koppad, and Kanakenahalli VS Murthy. "Emerging Technologies for In-Situ MMC Production." (2021).
14	Keshavamurthy, Ramaiah , Vijay Tambrallimath, and Davan Saravanabavan. "Development of Polymer Composites by Additive Manufacturing Process." (2021).
15	Keshavamurthy, R. , Vijay Tambrallimath, Prabhakar Kuppahalli, and N. Sekhar. "Additive Manufacturing Process and Their Applications for Green Technology." In Handbook of Research on Green Engineering Techniques for Modern Manufacturing, pp. 262-281. IGI Global, 2019.
16	Kumar, GS Pradeep, R. Keshavamurthy , Vijay Tambrallimath, Riya Biswas, and Yogesh Sahebrao Andhale. "Mechanical Properties of Metal Al7075-SiC-TiO Matrix Composite." Advanced Manufacturing and Materials Science: Selected Extended Papers of ICAMMS 2018 (2018): 301.
17	Keshavamurthy, R. , N. P. Muthuraju, and H. Govindaraju. "Thermal Conductivity of Silicon Nitride Reinforced Al6061 Based Composites." In Advanced Manufacturing and Materials Science, pp. 285-291. Springer, Cham, 2018.
18	Kumar, GS Pradeep, R. Keshavamurthy , Vijay Tambrallimath, Riya Biswas, and Yogesh Sahebrao Andhale. "Mechanical Properties of Al7075-SiC-TiO 2 Hybrid Metal Matrix Composite." In Advanced Manufacturing and Materials Science, pp. 301-307. Springer, Cham, 2018.
19	Ugrasen, G., G. Bharath, G. Kishor Kumar, R. Sagar, P. R. Shivu, and R. Keshavamurthy . "Optimization of process parameters for Al6061-Al7075 alloys in friction stir welding using Taguchi's technique." Materials Today: Proceedings 5, no. 1 (2018): 3027-3035.
20	Keshavamurthy, R. , B. E. Naveena, and N. Sekhar. "Thermal spray coatings for erosion-corrosion protection." In Production, Properties, and Applications of High Temperature Coatings, pp. 246-267. IGI Global, 2018.
PATENT / TECHNOLOGY TRANSFER	
1	C.S.Ramesh, N.Sekhar, R.Keshavamurthy <i>A plunger used for briquetting tool plunger application, a composition and a method for coating the composition onto the plunger (6054/CHE/2013-Filed on 23/12/2013-Under Examination).</i>
2	R.Keshavamurthy , Development of Protective coatings on aluminum dies for Areca plate manufacturing, <i>Coating composition and Process Technology has been transferred to M/s Anargya Green Earth Pvt Ltd, Mahalakshmi Layout, Bangalore.</i>
3	R.Keshavamurthy, Vijay T, Pradeep Kumar G S, Shivananda Murthy <i>Universal Jar lid Opener Developed by FDM Process using Biocompatible Polymer composite. Autralian Patent. Patent Number: 2021105944. (Patent Granted)</i>