

IGNITE 2022

A DAILY NEWSLETTER



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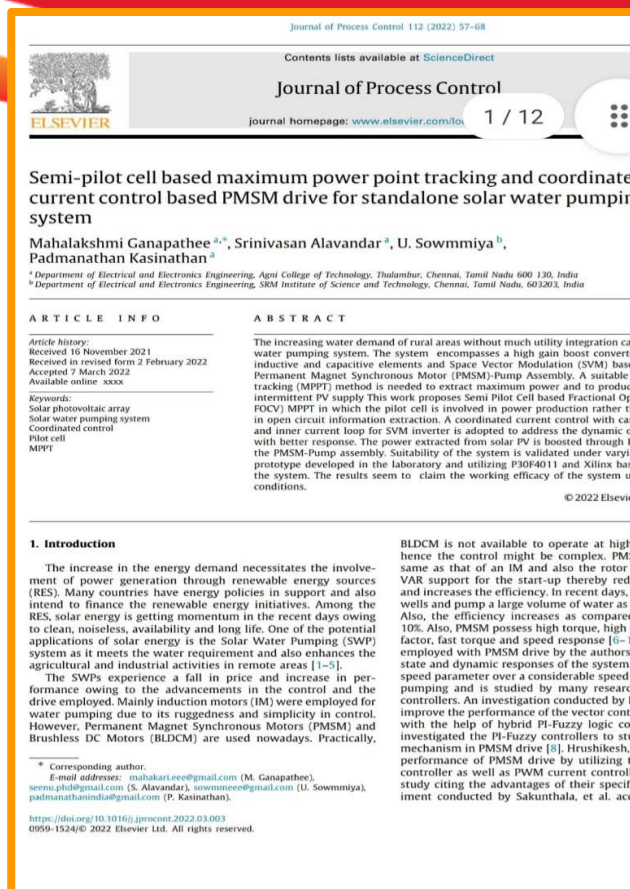


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FACULTY ACHIEVEMENT



Dr. Srinivasan Alavandar, Principal has published a journal article on **Semi-pilot Cell Based Maximum Power Point Tracking and Coordinate Current Control Based PMSM Drive for Standalone Solar Water Pumping System** in Elsevier publication.

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PLACEMENT NEWS



SANJAY. R
(312818115034)



GOKULAKRISHNA.M
(312818115011)



The family of Agni is happy to proclaim that students from IV year, Department of Mechatronics Engineering, have been placed in Infosys as System Engineers, CTC is INR 3.6 lakhs per annum.

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Mechatronics / Faculty Achievement / Paper Acceptance

Microstructure and mechanical properties of friction stir spot welded dissimilar aluminum alloys

K. Anton Savio Lewis^a, J. Edwin Raja Dhas^b, **R. Pandiyarajan^c**

^aAssistant Professor Department of Aeronautical Engineering, Noorul Islam Centre for Higher Education, Kumaracoil-629180, India Email: kaslewise@gmail.com

Professor and Head, Department of Automobile Engineering, Noorul Islam Centre for Higher Education, Kumaracoil-629180, India, Email: hodautonice@gmail.com

Associate Professor and Head, Department of Mechatronics, Agni College of Technology,

Thalambur, Chennai, Tamil Nadu- 600048, India, Email: pandiyan.rajan8@gmail.com

ABSTRACT

The present study was the result of an investigation of friction stir spot welded similar aluminum alloys 2024-T3 joint, 7075-T6 joint and dissimilar aluminum alloy 2024-T3-7075-T6 joint. The mechanical, microstructural and tribological behavior of the different FSS welded specimens were characterized for effects of influence of the input process parameters. The dissimilar friction stir spot welded 2024-T3-7075-T6 joint exhibited uniform distribution in material flow in the weld zone. A marked improvement in microhardness was noted when it increased from 30 HV to 40.94 HV while an increase in tensile strength from 128 MPa to 166.3 MPa was observed for the FSS welded dissimilar 2024-T3-7075-T6 joint alloy. The dissimilar alloy weld joint exhibited improved microhardness and tensile properties than their counterparts in both variants of the similar FSS welded specimens with a 35.6% increase in microhardness for the bottom

22-Mar-2022

Paper No.: 21110(ME2-2135(ID-2021-0185))

Title: Microstructure and mechanical properties of friction stir spot welded dissimilar aluminum alloys

Author(s): Anton savio K, Edwin raja dhas J, **pandiyan.rajan R**

Dear Prof. Savio K,

Thank you for resubmitting the revision of the above paper, in which you have polished your English according to the comments of a native English speaker affiliated with our journal. I am pleased to inform you that your paper has been accepted for publication as a full paper and is tentatively scheduled to appear in Vol. 45(2022) of the Journal of the Chinese Institute of Engineers.

Thank you for your interest in the journal.

Sincerely,

Jia-Yush Yen
Editor-in-Chief

Dr. R. Pandiyarajan, Head, Department of Mechatronics has published a paper on **Microstructure and Mechanical Properties of Friction Stir Spot Welded Dissimilar Aluminum Alloys** in SCI Indexed Journal (Journal of the Chinese Institute of Engineers- Taylor & Francis Publication).

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DEPARTMENT OF MAE
PLACEMENT NEWS



J. Jaikishan, final year student, Department of MAE has been placed in Infosys on 22nd March 2022.

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FACULTY PARTICIPATION



Dr. T. Anand, Head, Department of MAE has participated in a six day FDP on **Design, Optimization and Manufacture of Materials** organised by the Department of Mechanical Engineering, SSN College of Engineering, Chennai from 7th March to 12th March 2022.

GUEST LECTURE

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DEPARTMENT OF AEROSPACE ENGINEERING
GUEST LECTURE
on
AIRCRAFT CLIMB PERFORMANCE




Resource Person
Mr. HEMARAJ N.R.M.E (AEROSPACE)
General Electric Aviation
Bangalore.

 23rd March 2022  10.00am to 12.00 noon  Seminar Hall

Co-ordinator
S. Prasanth
Asst Prof Aerospace

Dr.S.K.Narendranathan
HOD/Aerospace

Dr.Srinivasan Alavandar
Principal, ACT



Department of Aerospace Engineering organised a guest lecture on Aircraft Climb Performance. Mr. Hemaraj, GE Aviation, Bangalore was the Guest speaker. It was an interesting and interactive session.

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OFFICE OF THE EXAMINATION CELL

Agni College of Technology
Thalambur, Chennai
Office of Examcell

Revised 1-7-22

Academic Calendar for AY2021-2022 Even Semester I Year VI

April'22			May'22			JUNE'22			JULY'22		
Date	Day	No. of Days	Date	Day	No. of Days	Date	Day	No. of Days	Date	Day	No. of Days
1	Fri		1	Sun	May Day	1	Sat		44	1	Fri
2	Sat		2	Mon	Holiday	2	Sun		45	2	Sat
3	Sun		3	Tue	Holiday	3	Mon		46	3	Sun
4	Mon		4	Wed		4	Tue		47	4	Mon
5	Tue		5	Thu		5	Wed		48	5	Tue
6	Wed		6	Fri		6	Thu		49	6	Wed
7	Thu		7	Sat		7	Fri		50	7	Thu
8	Fri		8	Sun		8	Sat		51	8	Fri
9	Sat		9	Mon		9	Sun		52	9	Sat
10	Sun		10	Tue		10	Mon		53	10	Sun
11	Mon		11	Wed		11	Tue		54	11	Mon
12	Tue		12	Thu		12	Wed		55	12	Tue
13	Wed		13	Fri		13	Thu		56	13	Wed
14	Thu		14	Sat		14	Fri		57	14	Thu
15	Fri		15	Sun		15	Sat		58	15	Fri
16	Sat		16	Mon		16	Sun		59	16	Sat
17	Sun		17	Tue		17	Mon		60	17	Sun
18	Mon		18	Wed		18	Tue		61	18	Mon
19	Tue		19	Thu		19	Wed		62	19	Tue
20	Wed		20	Fri		20	Thu		63	20	Wed
21	Thu		21	Sat		21	Fri		64	21	Thu
22	Fri		22	Sun		22	Sat		65	22	Fri
23	Sat		23	Mon		23	Sun		66	23	Sat
24	Sun		24	Tue		24	Mon		67	24	Sun
25	Mon		25	Wed		25	Tue		68	25	Mon
26	Tue		26	Thu		26	Wed		69	26	Tue
27	Wed		27	Fri		27	Thu		70	27	Wed
28	Thu		28	Sat		28	Fri		71	28	Thu
29	Fri		29	Sun		29	Sat		72	29	Fri
30	Sat		30	Mon		30	Sun		73	30	Sat
			31	Tue		31	Mon		74	31	Sun

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Academic Calendar for AY2021-2022, Even Semester, II, III and IV year V4

Sl. No.	Day	Month	Date	Day	Month	Date	Day	Month	Date	Day	Month	Date	Day
1	Tue	March	1	Fri	April	15	1	Sun	May	1	Sun	1	Sun
2	Wed		2	Sat	Telugu New Year Day Holiday	16	2	Mon	Holiday	2	Tue	2	Tue
3	Thu		3	Sun	Holiday	17	3	Tue	Ramzan	3	Wed	3	Wed
4	Fri		4	Mon		18	4	Wed		4	Thu	4	Thu
5	Sat		5	Tue	First Class committee meeting	19	5	Thu		5	Fri	5	Fri
6	Sun	Holiday	6	Wed		20	6	Fri		6	Sun	6	Sun
7	Mon		7	Thu		21	7	Sat	Tuesday Time Table	7	Mon	7	Mon
8	Tue		8	Fri		22	8	Sun	Holiday	8	Tue	8	Tue
9	Wed		9	Sat	Tuesday Time Table	23	9	Mon		9	Wed	9	Wed
10	Thu		10	Sun	Holiday	24	10	Tue		10	Thu	10	Thu
11	Fri		11	Mon		25	11	Wed	Second Class committee meeting	11	Fri	11	Fri
12	Sat	Thursday Time Table	12	Tue		26	12	Thu		12	Sat	12	Sat
13	Sun	Holiday	13	Wed		27	13	Fri		13	Sun	13	Sun
14	Mon		14	Thu	Eam/ New Year Day/ Diwali/ Ambabari/ Ambabari/ Jayanti/ Holiday	28	14	Sat	Holiday	14	Mon	14	Mon
15	Tue	EVEN SEM Question Bank to be submitted	15	Fri	Good Friday Holiday	29	15	Sun	Holiday	15	Tue	15	Tue
16	Wed	Reopening of Even Semester for 2nd Yr 3rd Yr & 4th Yr	16	Sat		30	16	Mon	Beginning of IAT-2 for 2nd Yr 3rd Yr & 4th Yr	16	Wed	16	Wed
17	Thu		17	Sun	Holiday	31	17	Tue		17	Thu	17	Thu
18	Fri		18	Mon	Beginning of IAT-1 for 2nd Yr 3rd Yr & 4th Yr	1	18	Wed		18	Fri	18	Fri
19	Sat	Holiday	19	Tue		2	19	Thu		19	Sat	19	Sat
20	Sun	Holiday	20	Wed		3	20	Fri		20	Sun	20	Sun
21	Mon		21	Thu		4	21	Sat	Wednesday Time Table/ Closing of IAT-2 for 2nd Yr 3rd Yr & 4th Yr	21	Mon	21	Mon
22	Tue		22	Fri		5	22	Sun	Holiday	22	Tue	22	Tue
23	Wed		23	Sat	Monday Time Table/ Closing of IAT-1 for 2nd Yr 3rd Yr & 4th Yr	6	23	Mon		23	Wed	23	Wed
24	Thu	Industrial Visit	24	Sun	Holiday	7	24	Tue		24	Thu	24	Thu
25	Fri		25	Mon		8	25	Wed		25	Fri	25	Fri
26	Sat	Holiday	26	Tue	Guest Lecture	9	26	Thu		26	Sat	26	Sat
27	Sun	Holiday	27	Wed		10	27	Fri		27	Sun	27	Sun
28	Mon		28	Thu		11	28	Sat	Holiday	28	Mon	28	Mon
29	Tue		29	Fri		12	29	Sun	Holiday	29	Tue	29	Tue
30	Wed		30	Sat	Monday Time Table	13	30	Mon		30	Wed	30	Wed
31	Thu		31	Sun		14	31	Tue		31	Thu	31	Thu
No of Working Days				No of Working Days				No of Working Days				No of Working Days	
Cum Working Days				Cum Working Days				Cum Working Days				Cum Working Days	
No of Saturdays leave				No of Saturdays leave				No of Saturdays leave				No of Saturdays leave	
No of Government Holidays				No of Government Holidays				No of Government Holidays				No of Government Holidays	

As per AU Schedule Re opening of Odd Sem AY 2022-23 10-08-2022 (Wednesday) For II, III and IV Years

Total No of Working Days :70 For II, III and IV Years

Principal

Academic Calendar for AY2021-2022, Even Semester (02) for the first year students was released by Anna University.

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FACULTY ACHIEVEMENT



CERTIFICATE OF COMPLETION

Presented to

Dr S Geerthik

For successfully completing a free online course
Basics of Machine Learning

Provided by

Great Learning Academy

(On March 2022)

To verify this certificate visit verify.mygreatlearning.com/BGPABTDZ

Dr. S. Geerthik, Head, Department of IT has successfully completed an online course on **Basis of Machine Learning** from Great Learning on 22nd March 2022.

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PLACEMENT NEWS

Infosys Campus Recruitment Program: Congratulations, you have a job offer Inbox ☆



Infosys Freshers Rec... Yesterday
to Infosys ✓



Hello!

Thank you for participating in the Infosys Campus Recruitment Program.

Congratulations! You have cleared the interview round to receive a final job offer for the Systems Engineer role. The compensation for this role is INR 3.6 lakhs per annum with one year of probation period from the date of allocation to the business unit.

Please note, this is a conditional job offer subject to your eligibility during the recruitment process and your background verification. If falsification of data is detected during the background verification process, Infosys will revoke the job offer made to you.

In case of any queries, please contact your placement office or write to us at Talent.Acquisition@infosys.com. Infosys recruitment process related emails sent to any other Infosys email address might not be responded to.

We look forward to welcoming you into our Infosys family.

Regards,

Talent Acquisition
Infosys



The family of Agni is proud to announce that Sankar S, IV year, Department of CSE has been placed in Infosys as System Engineer, CTC is INR 3.6 lakhs per annum.

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PLACEMENT NEWS



As a part of placement series IV year, Revathi and Vijayalakshmi, Department of CSE have been placed in Emerson with the CTC of INR 2.5 lakhs per annum.

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