Publications: A) International Journals:

SL.		Name of the	Year	Name of
No.	Title of the Paper	Journal with Vol. No. pp		Author(s)*
1		Journal of Industrial Mechanics	2020 Matjournals	Muhammed Kamrul Islamı, Syed Masrur Ahmmad, Sajal Chandra Banik, Nurun Nahar Begum
2	Analysis of a Lens Based	Journal of Thermal Energy Systems Vol.5, Issue.1	2020 Matjournals	Syed Masrur Ahmmad, Puja Chowdhury, Sajal Chandra Banik
3	Experimental Investigation on Active Personal Space for a Human-Robot Working Cell		2019 CanSRG Canada	Sajal Chandra Banik, Eshita Lasker, Himanshu Kumar and Muhammed Kamrul Islam
4		International Journal of Production Engineering (IJPE), Vol. 4, Issue 1	2018 JournalsPub India	Muhammed Kamrul Islam, Sajal Chandra Banik Nazmus Sakib Nurun Nahar Begum
5	Using Solar Energy with	International Journal Of Novel Research on In Electrical and Mechanical Engg.	Vol. 1, Issue 1 Dec, 2014, India	M. A. Amin, N. B. Chowdhury, F. Rabby, S. C. Banik , and Z Islam
6	High Frequency Air-	International Journal of Mechatronics and Manufacturing Systems (IJMMS), Vol. 6, No. 1	Inderscience Publisher, 2013, UK	Ashoke Kumar Sen Gupta, Sajal Chandra Banik, Awadhesh Kumar Pandit and Md. Mazharul Islam
7	Prototype CNC Router	International Journal of Mechanical Engineering (IJME), Vol. 2, Issue. 2, pp. 63-68	International Academy of Science, Engineering and Technology (IASET), May, 2013	M. S. Rabbi, S. C. Banik and M. T. Islam
8	Electric Actuator Control System with Robotic	International Journal of General Engineering and Technology (IJGET), Vol. 2, Issue. 1, pp. 15-24		Mohammad Saidur Rahman and Sajal Chandra Banik
9	Personal Space Based on Emotion when Interacting	Advanced Robotic	INTECH, Jan 2013, USA	Sajal Chandra Banik, Ashoke Kumar Sen Gupta, M. K. Habib, and R. N. Mousumi
10	8	IST Transaction of Mechanical Systems- Theory and Applications, Vol. 1. No.1(2), pp 1-7	2010, Canada	M. Arafat Rahman, Park Sung Tae and Sajal Chandra Banik

	A Computational Model of Emotion Through the Perspective of Benevolent Agents for a Cooperative Task	International Journal of Artificial Life and Robotics,Vol. 13 , no. 1, pp. 162-166	Dec, 2008, Springer, Japan	Sajal Chandra Banik , Keigo Watanabe and Kiyotaka Izumi
12	a Fuzzy-Markov Emotional Model	International Journal of System ,Signal, Control and Engineering Application (IJSSCEA), vol.1(1), pp.101-109	2008, Pakistan	Sajal ChandraBanik, Keigo Watanabe and Kiyotaka Izumi
13	Intelligent Behavior Generation of Benevolent Agents with a Stochastic Model of Emotion	Journal of LNCS, Part II LNCS 4985, pp.147-156	2008, Springer-Verlag, Berlin Heidelberg	Sajal ChandraBanik, Keigo Watanabe and Kiyotaka Izumi
14	Improvement of Group Performance of Job Distributed Mobile Robots by Emotionally Biased Control System	International Journal of Artificial Life and Robotics, Vol. 12, No. 1-2, pp. 245-249	2008, Springer, Japan	Sajal Chandra Banik, Keigo Watanabe and Kiyotaka Izumi

B) National Journals:

SL. No.	Title of the Paper	Vol. No. pp		Name of Author(s)*	
1.	Development of a Position Monitoring System	Mechanical Engineering Research Journal, Vol. 8, 2012	2012, Bangladesh	Md. Kamrul Hasan, S. C. Banik and M. S. Rabbi	
2.	Development of a Smart Home by Voice Control		2012, Bangladesh	K. T. Rasul, M. S. Rabbi, S. C. Banik and S. M. Ahammad	
3.	Performance of Heat Pipe for Different Working Fluids and Fill Ratios	Journal of Mechanical Engineering Vol. ME 41 No. 2, Dec 2010, Trans of the Mech.Eng.Div.,Eng. Div. IEB	2010, Bangladesh	K. T. Rasul, M. S. Rabbi, S. C. Banik and S. M. Ahammad	
4.	Home Appliances Control System by Cell Phone	Mech. Engg. Research Journal, ISSN 1990-5491 Vol. 7, pp. 77-87	2010, Bangladesh	M. M. K. Bhuiya, M. A. Islam, S. C. Banik , A. Gaffer, M. R. T. Hossain and A. S. M. Savem	
5.	Design and Fabrication of Geographical Direction Sensible Robot	Mechanical Engg Research Journal, ISSN 1990-5491, vol. 7, pp.63-67	2010, Bangladesh	M. Islam, R. I. Rousseau, S. C. Banik and R. Karim	
6.	Fuzzy Control of a One Link SMA Manipulator	Mechanical Engineering Research Journal, ISSN 1990-5491, vol. 6, pp.63-67	2008, Bangladesh	S. M. M. Rahman, S. C. Banik, S. M. H. Kabir and K. K. Ahn	
7.	Parametric Study and Uniaxial Simulation of an Elasto-Plastic Continuum Model	Mechanical Engineering Research Journal, ISSN 1990-5491, vol. 6, pp.08-15	2008, Bangladesh	S. M. H. Kabir, S. M. M. Rahman and S. C. Banik	

8.	Model Based Analysis	Mechanical Engg Research	2008,	S. C. Banik, S. M. M.
	of a CVT Adjustment	Journal, ISSN 1990-5491, vol. 6,	Bangladesh	Rahman and S. M. H. Kabir
	Drive	pp. 16-26		

C) Proceedings of International Conference/Seminar/Workshop:

SL. No.	Title of the Paper	Name of the Journal with Vol. No. pp	Year and Country of Publication	Name of Author(s)*
	reduction of greenhouse gas emissions in Dhaka	Proc. Of the 5 th International Conference on Developments in	2018 Kathmandu Nepal	Zannatul Fardous, Riazul Islam, Kazi Fatima Sharif and Sajal Chandra Banik
2.	system	Conference on Mechanical	2017 Chittagong Bangladesh	Md Rayhan Hasnat, Md. Nesar Ali and Sajal Chandra Banik
	multi-purpose mechanical machine	Proc. Of the 4 th International Conference on Mechanical Engineering and Renewable Energy (ICMERE), PI-163, 18- 20 Dec, 2017	2017 Chittagong Bangladesh	Saikat Dey, Sajal Chandra Banik and Swapnil Das
4.	Implementation of relaxation concept using water jet	- · · · · · · · · · · · · · · · · · · ·	2016 Khulna Bangladesh	Farida Ahmed Koly. Md. Sadman Akand and Sajal Chandra Banik
	of neural network for reducing nonlinear problem of a DC servo	Proc. Of the 3 rd International Conference on Mechanical Engineering and Renewable Energy (ICMERE), PI-010, 26- 29 Nov, 2015	2015 Chittagong Bangladesh	Puja Chowdhury, Debdatta Das and S C Banik
	robotic arm for interior wall painting	Proc. Of the 3 rd International Conference on Mechanical Engineering and Renewable Energy (ICMERE), PI-097, 26- 29 Nov, 2015	2015 Chittagong Bangladesh	Nwomey Subayer, Prantik Roy Chowdhury, Anik Samadder and S C Banik
	for swing hydraulic excavator	Energy (ICMERE), PI-011, 26- 29 Nov, 2015	2015 Chittagong Bangladesh	Puja Chowdhury, Debdatta Das and S C Banik
8.		Conference on Mechanical	2014, Chittagong Bangladesh	Shuva Das , Sajal Chandra Banik, Md. Ruhul Amin and Ahamed Nasif Hossain Aoyon

9.	Bi-Pedal walking robot	Conference on Mechanical	2014, Chittagong Bangladesh	Razaur Rahman Arzu, Mahmudul Hasan Russel, Kazi Afzalur Rahman, Sajal Chandra Banik and Md. Tazul Islam
10.	color sorting machine on belt conveyor	Energy (ICMERE), PI-172, 01- 03 May, 2014	2014, Chittagong Bangladesh	Sottom Halder, Md. Kamrul Islam, Mahmood Sabria Chowdhury and Sajal Chandra Banik
11.	robot to solve mazes	Proc. Of the 2 nd International Conference on Mechanical Engineering and Renewable Energy (ICMERE), PI-184, 01- 03 May, 2014	2014, Chittagong Bangladesh	Mahmood Sabria Chowdhury, Md. Kamrul Islam, Sottom Halder and Sajal Chandra Banik
12.	model of remote controlled Hovercraft	Proc. Of the 2 nd International Conference on Mechanical Engineering and Renewable Energy (ICMERE), PI-298, 01- 03 May, 2014	2014, Chittagong Bangladesh	S Chowdhury, M. S. Rabbi and S. C. Banik
		1 1	2013, Kennedy Space Center, NASA, Florida, USA	Sajal Chandra Banik, Rini Eshan Khushboo, Shaikh Ahmed, Rifat Mahmud and Nahin Bahar Chowdhury
14.	controlled and Real Time	Proc. of the 1 st International Conference onMech. Engg and	2011, Chittagong, Bangladesh	Humayun Kabir, S. C.Banik , Rezaur Rahman and Himadri Deb
15.	Design and Fabrication of an Automated	Proc. of the 1 st Int. Conf. on Mech. Engg. and Renewable Energy	2011, Chittagong, Bangladesh	Md. Nur-E-Alam Al Nasim and S. C. Banik
16.	Water Jet Cutting	l *	2010 Dhaka Bangladesh,	M. T. Islam, S. C. Banik and S. A. Nahian
	Behavior Generation in Robots by Emotional	Industrial Electronics (ISIE),	2009 Seoul, Korea	Kiyotaka Izumi, Sajal Chandra Banik and Keigo Watanabe
18.	Sharing Approach for a Cooperative Multiagent Robotic System	on Mechatronics and Automation (ICMA)	2008, Takamatsu, Kagawa, Japan	Sajal Chandra Banik, Keigo Watanabe, Maki K. Habib and Kiyotaka Izumi
	Emotion Through the Perspective of Benevolent	13 ^m Int. Symposium on Artificial Life and Robotics (AROB), pp. 771-774	2008 B-Con Plaza, Beppu, Oita, JAPAN	Sajal Chandra Banik, Keigo Watanabe and Kiyotaka Izumi
	Temperature Behavior of a Manufacturing Cell	Mechanical Engineering 2007 (ICME2007), ICME07-TH- 16	Dec. 29-31, 2007, Dhaka, Bangladesh	S. C. Banik and A. K. Mazumder
21.		Conference, pp. 1004-1010	Kagawa University, Japan, Sept 17- 20, 2007	Sajal Chandra Banik, Keigo Watanabe and Kiyotaka Izumi

22.	Through Interaction in an		University of Peradeniya, Sri Lanka, Aug 9- 11, 2007	Sajal Chandra Banik, Keigo Watanabe and Kiyotaka Izumi
23.	Generation of Job	Proc of 13 th International Conference on Advanced Robotics, pp.1215-1219	Aug 21-24, 2007, Jeju, Korea	Sajal Chandra Banik, Keigo Watanabe and Kiyotaka Izumi
	Performance of Job Distributed Mobile Robots by Emotionally	Proc. Of International Symposium on Artificial Life and Robotics, pp. 756-759	Beppu, Oita, JAPAN, January 25- 27, 2007	Sajal Chandra Banik, Keigo Watanabe and Kiyotaka Izumi

D) Proceedings of National Conference/Seminar/Workshop:

SL. No.	Title of the Paper	Name of the Journal with Vol. No. pp	Year and Country of Publication	Name of Author(s)*
1.		Proc. of the Conference of Engineering Research, Innovation and Education (CERIE 2011)	Sylhet, Bangladesh, 11- 13 January, 2011.	Humayun Kabir, Akkas U. Haque, S. C. Banik and M. T. Islam
2.		Proc. of the 13 th Annual Paper Meet		M. T. Islam, S. C. Banik and S. A. Nahian
3.	_	Proc. of the Sixth Annual Paper Meet, Paper No.39, pp. 297- 304		S. C. Banik, A. K. Mozumder, and M. A. Azim

E) Publication of Books/Book Chapters

	L) I dolleation of Books/Book Chapters					
Name of Book	Publishing Co.	Year of Publication	Chapter Title	Author(s)		
	Jordi Vallverdừ & David Casacuberta (eds.), IGI Global, USA	2009	Chapter IV Title: Multi-robot Team Work with Benevolent Characters: The Roles of Emotions	•		
Sensors: Advancements in Modeling, Design Issues, Fabrication and Practical Applications	S.C. Mukhopadhyay & R. Y. M. Hu Springer –Verlag Berlin Heidelberg, Germany	2008	Affection Based Multi-robot Team Work	Sajal Chandra Banik , Keigo Watanabe, Maki K. Habib and Kiyotaka Izumi		