



JSS Mahavidyapeetha

JSS Academy of Technical Education

Department of Computer Science & Engineering


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FACULTY PROFILE

Department: Computer Science and Engineering

1. Personal Details

NAME	Mahboob Alam	
DEPARTMENT	Computer Science and Engineering	
DESIGNATION	Assistant Professor (AP-2)	
PHONE	9891600022	
EMAIL ID	mahboobalam@jssaten.ac.in	
Date of Joining (JSSATEN)	01-08-2013	

2. Experience

Total Experience in Years: 11 Years	Teaching: 11 Years	Industry: 00 Year	Research: 05
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.Tech.	Computer Science and Information Technology	2008	IET MJP Rohilkhand University, Bareilly (UP) India.	MJP Rohilkhand University, Bareilly (UP) India.
M.Tech.	Computer Engineering	2010	Malaviya National Institute of Technology, Jaipur Rajasthan, India.	Malaviya National Institute of Technology, Jaipur Rajasthan, India.
Ph.D.	Computer Engineering	Submitted	Jamia Millia Islamia University, New Delhi India.	Jamia Millia Islamia University, New Delhi India.

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 03	National:
Papers Published in SCOPUS indexed Journals	International: 02	National:
Papers Published in other Journals	International:	National:
Papers Presented in Conferences / Symposium	International: 03	National:

Books / Book chapters Published	nil
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5. Research Guidance

PhD Guide? Give field & University	nil	a.
PhDs / Projects Guided	nil	Projects at Master's Level: 02 Projects at Bachelor's Level: 19

6. Grants

i. Funds Received (Projects)

Project Name	Grant Amount	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
Smart Dustbin	1.5 Lakhs	20-08-2019	01 yrs	Unnat Bharat Abhiyan (MHRD)

ii. Patents

Sl. No.	Title Details	Details of award of patent / Filed
1	"Smart Dustbin – Sanitation & Solid-Liquid Waste Management" (Patent No. 202011000793)	03.02.2020

iii. Consultancy

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
nil	nil	nil	nil	nil

7. Awards Received

Awards "Best Paper Award"	nil
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8. Publications

i. International Journals

Sl. No	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1	Analysis of Climate Change and Its Impact on Health Using Big Data Analytics in Cloud Environment.	Mahboob Alam, Mohd. Amjad	IETE Journal of Research	Vol 67, Issue 1. Jan 2021	WOS	1.64	Taylor & Francis
2	Analysis of Change in Climate with Meta Data Problems Using Parallel and Distributed Analytics Approaches on Big Data Clouds.	Mahboob Alam, Mohd. Amjad	International Journal of Advanced Science and Technology	Volume 28 Issue 3 July-2020	Scopus	.091	Science and Engineering Research Support Society
3	Rainfall forecasting using parallel and distributed analytics approaches on Big Data clouds.	Mahboob Alam, Mohd. Amjad	Journal of Discrete Mathematical Sciences and Cryptography	Volume 22 Issue 4 July 2019	Scopus	0.77	Taylor & Francis

4	Weather forecasting using parallel and distributed analytics approaches on Big Data clouds.	Mahboob Alam, Mohd. Amjad	Journal of Statistics and Management Systems	Vol. 22, Issue 4 Jan 2019	Both	nil	Taylor & Francis
5	Proposed Tools and Techniques of Parallel Analytics of Big Data in the Cloud Environment.	Mahboob Alam, Mohd. Amjad	International Journal of Emerging Technology and Advanced Engineering	Volume 07, Issue 01 May 2017	nil	nil	IJETAE

ii. National Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
nil	nil	nil	nil	nil	nil	nil	nil

iii. Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Conference	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1	Segmentation and Classification of Brain MR Images Using Big Data Analytics.	Mahboob Alam, Mohd. Amjad	International Conference on Advances in Computing, Communication & Automation (ICACCA)	25-26th September, 2018	Scopus	nil	IEEE
2	Color image authentication scheme in Linear Canonical Transform domain	Sudhie Keshari, Mahboob Alam, Sri Gopal Modani	2012 International Conference on Communication, Information & Computing Technology (ICCICT)	12th - 13th December, 2012	Scopus	nil	IEEE
3	Color image security based on random phase masks in Fractional Fourier Transform domains	Mahboob Alam, Shilpa Pandey	2011 International Conference on Emerging Trends in Networks and Computer Communications (ETNCC)	12th - 13th December, 2011	Scopus	nil	IEEE

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	One Week FDP on Transforming Education with Industry 4.0	Jaypee University of Information Technology, Solan.	15th-20th June 2020
2	One Week FDP on Operation management: developing new perspectives in the era of AI/ML	Meerut Institute of technology, Meerut	30th May-4th June 2020
	Two weeks online FDP on & PYTHON	IIT Bombay	22nd June-04th July 2020
3	One Week Short term Course on Internet of Things	JSSATE, Noida	06th August-10th August 2018
4	One Week FDP on "Soft Computing: Techniques, Tools, and Applications	JSSATE, Noida	11th June-15th June 2018
5	One Week FDP on "Industrial Automation with Robotics and 3D Printer" @ Instrumentation and Control Engineering	JSSATE, Noida	04th June-09th June 2018
6	One Week FDP on Scilab	NITTTR Chandigarh	21 st -25 th August 2017
7	One Week FDP on "Cloud Computing"	NITTTR Chandigarh	05th -09th December 2016

8	One Week FDP on “Artificial Neural Networks”	NITTTR Chandigarh	25th -29th April 2016.
9	One Week FDP on “Operation Research”	NITTTR Chandigarh	28th March-01st April 2016.
10	One Week FDP on “MATLAB and its Hardware Interface”	NITTTR Chandigarh	11-15th January 2016
11	One Week FDP Main on “Instructional Planning & Delivery”	NITTTR Chandigarh	11-15th May 2015.
12	Two Week ISTE Main Workshop on “Computer Networking”	IIT Bombay	30th June to 5th July 2014.
13	Three days workshop on RTC tool	JSSATEN and IBM	28th to 30th, October 2013.

v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1	Five Days Global E-Symposium on “Global Pandemic Outbreak: Role of Technology & Automation	JSSATE, Noida.	May 2020	Organizing Committee (Technical)
2	Two Days International Conference on Intelligent Control and Computation for Smart Energy and Mechatronics Systems	JSSATE, Noida.	September 2020	Organizing Committee

vi. Conference Attended (those sponsored by AICTE / ISTE /IETE /TEQIP or any other sponsoring body)

Sl. No.	Name of the workshop / Conference	Organizer	Date

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
nil	nil	nil	nil	nil

10. Membership of Professional Bodies:

Computer Society of India (CSI): 01101134

11. Any other information you will like to share about your professional experience

Mr. Mahboob Alam

Assistant Professor, Dept of CSE

JSS Academy of Technical Education, Noida