

# Puja Das

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## Area of Interest:

1. Internet of Things
2. Blockchain
3. Artificial intelligence

## Academics:

Course	Subject	Institute	DGPA/ %age	Passed year
M.Tech	Computer Science and Engineering	MAKAUT, WB (Formerly WBUT)	7.89	2017
B.Tech	Information Technology	Techno India college of Technology, WBUT	8.23	2011-2015
Higher Secondary	Science	Sri Rama Krishna Sarada Peeth Girls School, W.B.C.H.S.E	68.9%	2010
Madhyamik	All	Sri Rama Krishna Sarada Peeth Girls School, W.B.B.S.E.	72%	2008

## Experiences:

1. Guest lecturer at Hiralal Majumdar Memorial College for Women (10th July to present )
2. Senior Lecturer at Dhuliyani Institute Of Computer Technology (1<sup>st</sup> December 2018 to 3<sup>rd</sup> June 2019)
3. Teaching assistant at Brainware University (September 2018 to November 2018)
4. Guest faculty at Maulana Abul Kalam Azad University of Technology, West Bengal. (September 2017- February 2018)
5. Teaching assistant at Maulana Abul Kalam Azad University of Technology, West Bengal. (14<sup>th</sup> April 2016 to 31<sup>st</sup> March 2017)

## Accepted Publication

## Accepted Patent

[1] "**Smart System for Cooking Gas Production Using Electromagnetic Generator**", Puja Das, Asik Rahaman Jamader, Dr. Mohammad Israr, Dr. Vineet Tirth, Dr. Parul Gupta, M. Suresh, Dr. Hitesh Panchal, Dr. Debabrata Samanta, Radhey Shyam Meena, Ramesh Chandra Panda, Dr. Sanjay Singla, and Dr. Ravindra Pathak.

[Patent Publication Number-44/2019, Patent Application Number- 201911043172]

[2] **“System and Method for Real-Time Status Notification of Group Chat Without Using Internet”** by Asik Rahaman Jamader, Puja Das, Dr. Mohammad Israr, Dr. Parul Gupta, Dr. Jyoti Mishra, Dr. Ashish Mishra, Dr Sanjeet Kumar, Dr Ramakant Bhardwaj, Dr. Ravi Shankar Shukla, Dr. Mohammad Zubair Khan, M. Suresh, Dr. Hitesh Panchal, Dr. Debabrata Samanta, Radhey Shyam Meena, and Ramesh Chandra Panda

[Patent Publication Number-45/2019, Patent Application Number- 201911044119]

[3] **“Secure & Real-Time Status Notification Based Dynamic Messaging Method using In-Built Message Tool without using Internet”** Asik Rahaman Jamader, Puja Das, Dr. Mohammad Israr, Dr. Mohammad Zubair Khan, Dr. Weil Said, Dr. Akhilesh Kumar Sharma, Radhey Shyam Meena, Ramesh Chandra Panda, M. Suresh, Dr. Hitesh Panchal, Dr. Debabrata Samanta, and Dr. Niranjnath M

[4] **“Computer implemented method for generating notification during call without using internet in wireless communication”**, Asik Rahaman Jamader, Puja Das, Dr. Mohammad Zubair Khan, Dr. Mohammad Israr, Dr. Wael Said, Deepak Pathak, Radhey Shyam Meena, M. Suresh, Dr. Hitesh Panchal, Dr. Debabrata Samanta, Ramesh Chandra Panda, Biswaranjan Acharya, Dr. Niranjnath M

[5] **“System of agriculture robot for automatic spraying seeding, harvesting and monitoring crop”** Dr. Mohammad Israr, Ramesh Chandra Panda, Dr. Itishree Mohanty, Dr. Mohammad Zubair Khan, Dr. Parul Gupta, Dr. Ravi Shankar Shukla, Dr. Ashish Mishra, Asik Rahaman Jamader, Puja Das, Dr. Arti Vaish, Dr. Lokanatha Dhalla Samanta, Deepak Pathak, Dr. Subhakanta Dash, M. Suresh, Dr. Vinay Chandra Jha, Dr. Sitesh Singh

[Patent Publication Number-52/2019,]

[6] **“Refrigeration System of Clay Cool Chamber Using Solar Energy”** Ramesh Chandra Panda, Dr. Mohammad Israr, Dr. Itishree Mohanty, Dr. Lokanatha Dhalla Samanta, Dr. Parul Gupta, Dr. Ashish Mishra, Asik Rahaman Jamader, Puja Das, Dr. Arti Vaish, Deepak Pathak, Dr. Subhakanta Dash, M. Suresh, Dr. Vinay Chandra Jha, Dr. Sitesh Kumar Singh

[Patent Publication Number-52/2019]

[7] **“Improved Hand Operated Embroidery Tool for Easy Operation”** Asik Rahaman Jamader, Dr. Mohammad Israr, Puja Das, Dr. Mohammad Zubair Khan, Dr. M.P. Singh, Biswaranjan Acharya, Himansu Das, Ramesh Chandra Panda, Radhey Shyam Meena, M. Suresh, Dr. Arti Vaish, Dr. Kishor Kumar Sadasivuni, and Dr. Anshul Gangele.

[Patent Application Number- 202011003162]

[8] **“System And Method For Extraction Of Sweet Compounds From Natural Stevia”**, Puja Das, Dr. Mohammad Israr, Asik Rahaman Jamader, **Dr. K. Martin Sagayam**, Biswa Ranjan Acharya, Dr Ranjeet Kumar Rout, Dr Harveer Singh Pali, A. Amir Anton Jone, Swarnalata Nayak, S. Santhosh, Dr. Anshul Gangele

[Patent Application Number- 202011005968]

[9] **“System of Simultaneous Charging, Discharging Power Back Up and Method Thereof”**. S. Santhosh, Subash Sivapandi, **Dr. K. Martin Sagayam**, Puja Das, Dr. Mohammad Israr, Asik Rahaman Jamader,

[Patent Application No is 202011010537]

**Accepted Journal**

[1] Deepsubhra Guha Roy, Puja Das, Debashis De, Rajkumar Buyya “QoE Aware Secure Transaction Framework for internet of Thing using Blockchain Mechanism” in Journal of network and computer Application. **IF: 5.273**

### **Accepted International Conferences**

[1] Asik Rahaman Jamader, Puja Das, Biswa Ranjan Acharya, “BcIoT: Blockchain based DDos Prevention Architecture for IoT” in the International Conference on Intelligent Computing and Control Systems [ICICCS 2019]

[2] Puja Das, Asik Rahaman Jamader, Biswa Ranjan Acharya, Himansu Das, “HMF Based QoS aware Recommended Resource Allocation System in Mobile Edge Computing for IoT” in the International Conference on Intelligent Computing and Control Systems [ICICCS 2019]

### **Accepted Book Chapter**

[1] Puja Das, K. Martin Sagayam, Asik Rahaman Jamader, Hung Nguyen, ”Impact of Blockchain Based Cyber Security Implementing Industry 4.0”

[2] Puja Das, Asik Rahaman Jamader, K. Martin Sagayam and Lawrence Henesey ”Conceptual Understanding of Convolutional Neural Network”

### **Online Course Completed**

- Blockchain Basics, an online non-credit course authorized by University at Buffalo and The State University of New York and offered through Coursera on 17th July 2020
- Data Science Math Skills, an online non-credit course authorized by Duke University and offered through Coursera on 9th June 2020
- Getting Started with AWS Machine Learning an online non-credit course authorized by Amazon Web Services and offered through Coursera on 12<sup>th</sup> June 2020
- Introduction to Blockchain program by upgrad on 2nd June 2020
- Introduction to Cybersecurity, For completing the Cisco Networking Academy® Introduction to Cybersecurity course on 13<sup>th</sup> June 2020

### **Seminar/ Workshop Participations:**

1. “Business-IT Conclave: "Fintech - Riding on Blockchain" by Bengal Chamber of Commerce and Industry on 10<sup>th</sup> May, 2018.
2. “Exchange of Knowledge on Blockchain and its Applications” by Govt. of West Bengal, IT&E dept. on 13<sup>th</sup> April, 2018
3. “Data Science with R” by MAKAUT-WB, IUST and GCECT.

### **Projects Completed:**

- ECG signal Detection, Feature Extraction and classification using Machine Learning Technique. (M.Tech).
- Safe life Mobile Application using Python. (B.Tech)

### **Minor Project**

- Power Consumption in mobile network under TEQIP –II WBUT
- Facial Expression Recognition with Keras, an online non-credit course authorized by Coursera Project Network and offered through Coursera on 12th June 2020

## Subject of Interest

- Data Structure
- DBMS
- Networking
- Digital Electronics

## Strengths

- Self-motivated, enthusiastic and firmly believe my abilities.
- Can adapt according to situations and able to work under pressure.
- I have good team spirit but also capable of leading when needed so.
- Sincere & devoted to my work.

## Software Exposure:

Operating System/Databases	Programming Languages/Special Software
<ul style="list-style-type: none"><li>• Windows-10/8.1/ 8/ 7/XP/98</li><li>• Oracle 8.0</li><li>• Linux(Ubuntu and Kali)</li></ul>	<ul style="list-style-type: none"><li>• C</li><li>• MATLAB</li><li>• Python</li><li>• R</li><li>• HTML</li><li>• Weka Tools</li><li>• Latex technical writing</li></ul>

## Hobbies:

- Reading books on cyber security & make aware to the people about cyber security
- Develop intelligences product that make life simple

## Languages Known:

- Bengali
- Hindi
- English

## Personal Information:

<b>Father's name</b>	:	Swapan Das.
<b>Mother's name</b>	:	Late. Lata Das.
<b>Date of Birth</b>	:	16 <sup>th</sup> April 1992
<b>Nationality</b>	:	Indian.
<b>Religion</b>	:	Hindu.
<b>Marital Status</b>	:	Unmarried
<b>Address</b>	:	Vill-Natundihi. P.O+P.S.-Jhargram. Dist-Jhargram. Pincode-721507.

Date: 24/07/2020

*Puja Das.*

Place: Kolkata

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(Puja Das)