

# BABU RAM

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Currently working as assistant professor in the Department of Computer Science, Kamala Nehru Institute of Technology (KNIT), Sultanpur, since 28- September 2018 and Pursuing **Ph.D.** in **Computer Science & Engineering** department from **Kamala Nehru Institute of Technology (KNIT)**, Sultanpur, UP India, qualifying **UGC NET June 2015** in Computer Science and Application and qualifying **FATE in Computer Science & Engineering (2016)**

## Teaching Experience:

1. Assistant professor in the Department of Computer Science, Kamala Nehru Institute of Technology (KNIT), Sultanpur, since 28- September 2018 to till now
2. Assistant professor in the Department of Computer Science, SITM, Lucknow since 21-July 2011 to 14- April 2014

## Educational Qualification:

- **Ph.D. (Pursuing)** : Kamala Nehru Institute of Technology, Sultanpur
- **M.Tech (CSE)** : National Institute of Technology, Hamirpur with **7.81** CGPI (**78.10 %**) in 2011
- **B.Tech (CSE)** : College of Agriculture Engineering & Technology (**A Govt. Institution**), Etawah (U.P.) with **71.10%** marks in 2008.
- **Intermediate** : R.R.I.C.Hanswar (U.P. Board) with **67.20%** marks in 2002.
- **High School** : R.R.I.C.Hanswar (U.P. Board) with **63.00%** marks in 2000.

## Dissertation Topic of Ph.D.

“Minimization of query latency in vehicular ad hoc networks (VANETS)” Under guidance of Dr. Neelendra Badal, Associate Professor Department of Computer Science & Engineering, K.N.I.T. Sultanpur (UP) India.

## Dissertation Topic of M.Tech.

“A mechanism to reduce query latency during cache invalidation in vehicular ad hoc networks (VANETS).” Under guidance of Dr. Narottam Chand, Associate Professor Department of Computer Science & Engineering, N.I.T. Hamirpur (HP) India.

## Publications:

- [1] **BABU RAM** and Neelendra Badal, “Latency Estimation Based Routing (LEBR) Protocol in Vehicular Adhoc Networks (VANETs)” in Journal of Discrete Mathematical Sciences & Cryptography, ISSN 0972-0529 (Print), ISSN 2169-0065 (Online), Vol. 22, No. 8, pp. 1517–1531, Jan 2020, **SCOPUS**
- [2] **BABU RAM** and Neelendra Badal “Minimum Delay Based Routing Protocol in Vehicular Ad-hoc Networks (VANETs)” in International Journal of Recent Technology and Engineering, ISSN: 2277-3878, Volume-7 Issue-6C, April 2019,**SCOPUS**
- [3] **BABU RAM** and Neelendra Badal “Minimize Delay based Routing Protocol (MDRP) for V2V Communication in VANETs” International Journal of Computer Science and Information Security. ISSN 1947-5500, Vol. 15, No. 4, April 2017, **ESCI**
- [4] Dileep Singh Rathore, **Babu Ram**, B.L. Pal and Sunil Malviya “Analysis of classification algorithms for insect detection using MATLAB” 2nd International Conference on Advanced Computing and Software Engineering (ICACSE19)” held at KNIT Sultanpur, February 8-9, 2019.

- [5] Kundan Kumar, Dr Bharat Singh, **Babu Ram**, Raushan Kumar Singh and Sudhir Mohan, "Explication of Computer Science Ontology with DSpace" 2nd International Conference on Advanced Computing and Software Engineering (ICACSE1 9)" held at KNIT Sultanpur, February 8-9, 2019.
- [6] **Babu ram** and Narottam Chand, "A new mechanism to query latency minimization for cache Invalidation in Vehicular Ad Hoc Network (VANETs)," IEEE International Conference on Electronics Computer Technology, 2011.
- [7] **Babu ram**, Narottam Chand, Prateek Gupta and Siddhartha Chauhan, "A New Approach Layered Architecture Based Clustering for Prolong Life of Wireless Sensor Network (WSN)," International Journal of Computer Applications (IJCA) February, 2011.
- [8] Aditya Kumar, Shiv Shakti and **Babu Ram**, "Exploring a new Dimension in MANETs through a New Routing Protocol," IEEE International Conference on Network and Computer Science (ICNCS 2011), 2011.
- [9] Shiv Shakti , **Babu Ram** and Aditya Kumar, " Minimization of the Packet Losses in MANETS Based on both Static and Dynamic Routing Protocols," International Symposium on Devices MEMS Intelligent Systems and Communication, Proceedings published by International Journal of Computer Applications (IJCA) Page-198-201, ISBN No 978-93-80747-80-2 and ISSN No 0975-8887, 2011.

### Organizing Member

- Organizing committee member of 2<sup>nd</sup> International Conference on Advanced Computing and Software Engineering (**ICACSE1 9**)" held at KNIT Sultanpur, February 8-9, 2019.
- One week faculty development program on "COMPUTER BASED SECURITY: ISSUES AND CHALLENGES (**CBSIC-2016**)" " from 17/10/2016 to 21/10/2016 at Department of computer science & engineering KNIT Sultanpur (Member of Organizing Committee).
- Organizing committee member of national level seminar on "**Cloud Computing**" held at NIT Hamirpur 2009.
- Organizing committee member and participate in "**AAhwaan-2006**" Annual College Festival of C.A.E.T. Etawah (U.P.).

### Certifications/Achievements:

- FATE Qualified.
- UGC NET June 2015 Qualified.
- Gate -2009 Qualified With **96.11** % ile.
- Gate -2008 Qualified
- Workshop of One Day on "CLOUD COMPUTING" on 26/10/2010 at Department of Computer Science & Engineering NIT, Hamirpur HP, India
- Short Term Course of 6 days on "CLOUD COMPUTING (CC-09) " from 28/12/2009 to 01/01/2010 at Department of Computer Science & Engineering NIT, Hamirpur HP, sponsored by AICTE/MHRD
- One week short term training program on "EMBEDDED SYSTEM DEVELOPMENT " from 02/11/2015 to 06/11/2015 at Department of Electronics Engineering KNIT, Sultanpur, UP, India
- One week faculty development program on "ROLE OF MATLAB IN ADVANCE COMPUTING" from 25/07/2016 to 29/07/2016 at Department of Computer Science & Engineering KNIT, Sultanpur, UP, India
- Workshop of One Day on "ESTABLISHMENT OF INCUBATION AND INNOVATION CENTRE" on 02/08/2016 at KNIT, Sultanpur, UP, India
- Two week faculty development program on " RESEARCH METHODOLOGY USING DATA ANALYSIS TOOLS" from 11/01/2016 to 22/01/2016 at Department of Mechanical Engineering KNIT, Sultanpur, UP, India
- One week faculty development program on "ENTREPRENEURSHIP DEVELOPMENT" from 05/12/2016 to 09/12/2016 at Institute of Entrepreneurship Development, Lucknow, UP, India
- One week faculty development program on "Energy & Power Systems" from 05/08/2019 to 09/08/2019 at School of Energy Management, Shri Mata Vaishno Devi University (SMVDU), Katra, J&K, India.
- One week faculty development program on "Robotics & AI" from 24/06/2019 to 28/06/2019 Conducted By NITTTR Chandigarh at KNIT, Sultanpur, UP, India
- One week Workshop on "Advance Pedagogy and Digital Tools" from 03/06/2019 to 07/06/2019 at IIT Roorkee, Roorkee, India
- One Day Workshop on "Collaborative Research Scheme" on 13/05/2019 conducted by SPIU-UP, lucknow, UP, India
- One week Short Term Course on "Next Generation Wireless Networks" from 29/04/2019 to 03/05/2019 Conducted By Nit Patna at KNIT, Sultanpur , UP, India

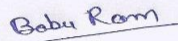
### Area of Interest:

Formal language and automata theory, Data Structures, Digital Design, Algorithms, Mobile computing.

## Personal Information:

Name	Babu Ram
Date of Birth	30 <sup>th</sup> of June, 1984
Mothers Name	Mrs. Jai Raji Devi
Fathers Name	Late Ram Nohar
Nationality	Indian
Marital Status	Married
Hobbies	Cricket
Languages	English, Hindi
Contact no.	7376940611
E-mail	<a href="mailto:baburam748@gmail.com">baburam748@gmail.com</a>

I hereby declare that all the information provided by me is true to best of my knowledge.

A handwritten signature in blue ink that reads "Babu Ram". The signature is written in a cursive style and is underlined.

(Babu Ram)