## Curriculum Vitae

**Dr. DEEPAK GUPTA**
Assistant Professor,
Department of CSE
NIT, Arunachal Pradesh, India
# : (+91) 9485230593, ( +91) 9999778726
**Email: deepak@nitap.ac.in,**
        **deepakjnu85@gmail.com**

## ACADEMIC/ PROFESSIONAL PROFILE

o Working as an Assistant Professor in NIT, Arunachal Pradesh, India since 12th February, 2016.

o Worked as an Assistant Professor in IMS Engineering College, Ghaziabad, India since 11th July, 2011 to 6th February, 2016.

o Worked as Software Engineer from January 2009 till July 2009 in NEC HCL ST, Noida

➢ Total No. of Papers: 42          *SCI Indexed Papers*: 25   *Avg. Impact factor*: 3.74

➢ Total No. of Ph.D. students: 06       *Completed*: 01          *Under Guidance*: 05

➢ Total No. of M.Tech. students: 10   *Guided*: 09        *Under Guidance*: 01

➢ No. of Citations: 366 (As on 22/1/2021)

➢ I 10-Index: 11

➢ h-Index: 11

➢ Total No. of workshops (at least one-week): *Organized*: 05   *Attended*: 12

## ACADEMIC QUALIFICATION

| Examination/Degree | Year | Name of College/ University/Board |
|---|---|---|
| Ph.D. | 2015 | Jawaharlal Nehru University, New Delhi, India |
| M.Tech (CSE) | 2011 | Jawaharlal Nehru University, New Delhi, India |
| MCA | 2009 | Jawaharlal Nehru University, New Delhi, India |
| B.Sc. | 2005 | C.S.J.M. Kanpur University, Kanpur, India |

**Title of Ph.D. Thesis:** "Support Vector Machine and Extreme Learning Machine Methods for Regression and Multi-Class Classification Problems"

**Title of M.Tech Dissertation**: "Newton Method For Implicit Lagrangian Twin Support Vector Regression (LTSVR)"

## FUNDING PROJECTS

| S. No | Title | Cost in Lakhs | Duration | Role as PI/Co-PI | Agency |
|---|---|---|---|---|---|
| 1 | Prediction of sediment load concentration in rivers using computational machine learning approaches | 26, 79, 490.00 | 3 Years (2017-2020) | PI | SERB (ECRA) |
| 2 | Machine Learning Models for Classification of Electroencephalogram (EEG) Signal | 2,00,000.00 | 1 Years (2019-2020) | PI | TEQIP-III |
| 3 | A Study on p-graphoidal graph | 4,67,830.00 | 3 years (2016-2019) | Co-PI | SERB (EMR) |

## LIST OF INTERNATIONAL JOURNAL PUBLICATIONS

**[1].** Umesh Gupta and **Deepak Gupta**. On Regularization based Twin Support Vector Regression with Huber Loss. *Neural Processing Letters*, **Springer** (2020) (Accepted) **(TR SCI, Impact Factor: 2.891)**

**[2].** Parashjyoti Borah and **Deepak Gupta**. Robust Twin Bounded Support Vector Machines for Outliers and Imbalanced Data. *Applied Intelligence, Springer* (2020). (Accepted) **(TR SCI, Impact Factor: 3.325)**

**[3]. Deepak Gupta**, Bharat Richhariya. Efficient implicit Lagrangian twin parametric insensitive support vector regression via unconstrained minimization problems. Annals of Mathematics and Artificial Intelligence, *Springer*, (2020). https://doi.org/10.1007/s10472-020-09708-0 **(TR SCI, Impact Factor: 0.778)**

**[4].** Barenya B. Hazarika, **Deepak Gupta,** and M. Berlin. A coiflet LDMR and coiflet OB-ELM for river suspended sediment load prediction. *International Journal of Environmental Science & Technology, Springer* (2020). https://doi.org/10.1007/s13762-020-02967-8 **(TR SCI, Impact Factor: 2.540)**

**[5].** Barenya B. Hazarika, Deepak Gupta. Density-weighted support vector machines for binary class imbalance learning. *Neural Comput & Applic (2020).*https://doi.org/10.1007/s00521-020-05240-8. **(SCI, Impact Factor: 4.774).** You can download through the following link: https://rdcu.be/b55rI.

**[6].** Barenya B. Hazarika, **Deepak Gupta**. Modelling and Forecasting of COVID-19 Spread using Wavelet-coupled Random Vector Functional Link Networks. *Applied Soft Computing,* 96(2020), 106626. https://doi.org/10.1007/s12665-020-08949-w **(SCI, Impact Factor: 5.472).** You can download through the following link: https://authors.elsevier.com/a/1bavv5aecShEZe.

**[7].** Debjyoti Das Adhikari, **Deepak Gupta**. "Applying over 100 classifiers for churn prediction in telecom companies" Journal of Multimedia Tools and Applications. https://doi.org/10.1007/s11042-020-09658-z **(SCIE, Impact Factor: 2.313).**

**[8].** Barenya B. Hazarika, **Deepak Gupta,** and M. Berlin. Modeling suspended sediment load in a river using extreme learning machine and twin support vector regression with wavelet conjunction. *Environ Earth Sci* 79, 234 (2020). https://doi.org/10.1007/s12665-020-08949-w **(TR SCI, Impact Factor: 2.180)**

[9]. **Deepak Gupta**, Barenya B. Hazarika, and M. Berlin. Robust regularized extreme learning machine with asymmetric Huber loss function. *Neural Computing & Applications*, *Springer*, (2020). https://doi.org/10.1007/s00521-020-04741-w **(TR SCI, Impact Factor: 4.774)**

[10]. Parashjyoti Borah and **Deepak Gupta**. Unconstrained convex minimization based implicit Lagrangian twin extreme learning machine for classification (ULTELMC). *Applied Intelligence, Springer, 50*, 1327-1344 (2020). **(TR SCI, Impact Factor: 3.325)**

[11]. Parashjyoti Borah and **Deepak Gupta**. Functional iterative approaches for solving support vector classification problems based on generalized Huber loss. *Neural Computing & Applications*, 32, 9245–9265(2020). **(TR SCI, Impact Factor: 4.774)**

[12]. Parashjyoti Borah and **Deepak Gupta**. Unconstrained convex minimization based implicit Lagrangian twin random vector Functional-link networks for binary classification (ULTRVFLC). *Applied Soft Computing, Elsevier*, 81 (2019) https://doi.org/10.1016/j.asoc.2019.105534. **(TR SCI, Impact Factor: 5.472)**

[13]. Umesh Gupta and **Deepak Gupta**. An improved regularization based Lagrangian asymmetric $v$-twin support vector regression using pinball loss function. *Applied Intelligence*, *Springer* (2019) https://doi.org/10.1007/s10489-019-01465-w. **(TR SCI, Impact Factor: 3.325)**

[14]. **Deepak Gupta**, Kamalini Acharjee and Bharat Richhariya. Lagrangian twin parametric insensitive support vector regression (LTPISVR). *Neural Computing & Applications*, *Springer*, (2019). https://doi.org/10.1007/s00521-019-04084-1 **(TR SCI, Impact Factor: 4.774)**

[15]. **Deepak Gupta**, Mahardhika Pratama, Zhenyuan Ma, Jun Li and Mukesh Prasad. Financial time series forecasting using twin support vector regression. *PLUS ONE*, (2019). (https://doi.org/10.1371/journal.pone.0211402)

[16]. Bharat Richhariya and **Deepak Gupta**. Facial expression recognition using iterative universum twin support vector machine. *Applied Soft Computing, Elsevier*, 76: 53-67 (2019) https://doi.org/10.1016/j.asoc.2018.11.046. **(TR SCI, Impact Factor: 5.472)**

[17]. **Deepak Gupta**, Bharat Richhariya and Parashjyoti Borah. A Fuzzy Twin Support Vector Machine based on Information Entropy for Class Imbalance Learning. *Neural Computing & Application, Springer*, (2018) https://doi.org/10.1007/s00521-018-3551-9. **(TR SCI, Impact Factor: 4.774)**

[18]. **Deepak Gupta** and Bharat Richhariya. Entropy based Fuzzy Least Squares Support Vector Machine for Class Imbalance Learning. *Applied Intelligence*, *Springer* 48(11): 4212-4231 (2018) https://doi.org/10.1007/s10489-018-1204-4. **(TR SCI, Impact Factor: 3.325)**

[19]. **Deepak Gupta**. Training primal K-nearest neighbor based weighted twin support vector regression via unconstrained convex minimization. *Applied Intelligence*, *Springer* 47(3): 962-991 (2017) **(TR SCI, Impact Factor: 3.325)**

[20]. S. Balasundaram, **Deepak Gupta,** Subhash**.** A new approach for training Lagrangian twin support vector machine via unconstrained convex minimization. *Applied Intelligence*, *Springer* 46(1): 124-134 (2017) **(TR SCI, Impact Factor: 3.325)**

[21]. S. Balasundaram, **Deepak Gupta.** Knowledge based extreme learning machines. *Neural Computing & Application*, *Springer* 27 (6):1629-1641 (2016) **(TR SCI, Impact Factor: 4.774)**

[22]. S. Balasundaram, **Deepak Gupta.** On optimization based extreme learning machine in primal for regression and classification by functional iterative method. *International Journal of Machine learning & Cybernetics, Springer* 7(5):707-728 (2016) **(TR SCI, Impact Factor: 3.753)**

**[23].** S. Balasundaram, **Deepak Gupta** & Kapil. Lagrangain support vector regression via unconstrained convex minimization. *Neural Networks, Elsevier* 51: 67-79 (2014). **(TR SCI, Impact Factor: 5.535)**

**[24].** S. Balasundaram, **Deepak Gupta** & Kapil. 1-norm extreme learning machine for regression and multiclass classification using Newton method. *Neurocomputing, Elsevier* 128:4-14 (2014). **(TR SCI, Impact Factor: 4.438)**

**[25].** S. Balasundaram, **Deepak Gupta**. Training Lagrangain twin support vector regression via unconstrained convex minimization. *Knowledge Based Systems, Elsevier* 59: 85-96 (2014). **(TR SCI, Impact Factor: 5.921)**

**[26].** S. Balasundaram, **Deepak Gupta**. On implicit Lagrangian twin support vector regression by Newton method. *The International Journal of Computational Intelligence Systems, Atlantis Press and Taylor & Francis* 1: 50-64 (2014) **(TR SCI, Impact Factor: 1.838)**

## LIST OF INTERNATIONAL CONFERENCE PUBLICATIONS

**[1].** Hazarika B.B., **Deepak Gupta**, Ashu, M. Berlin, (2020) "A Comparative Analysis of Artificial Neural Network and Support Vector Regression for River Suspended Sediment Load Prediction" In: Luhach A., Kosa J., Poonia R., Gao XZ., Singh D. (eds) First International Conference on Sustainable Technologies for Computational Intelligence. Advances in Intelligent Systems and Computing, vol 1045. Springer, Singapore**. (Scopus Indexed)**

**[2]. Deepak Gupta**, HJ Sarma, K Mishra, M Prasad, "Regularized Universum twin support vector machine for classification of EEG Signal" *IEEE International Conference on Systems, Man and Cybernetics (SMC)* Bari, Italy, 2019, pp. 2298-2304.doi: 10.1109/SMC.2019.8913897(**Scopus Indexed**)

**[3]. Deepak Gupta**, Parashjyoti Borah, Mukesh Prasad, "A fuzzy based Lagrangian twin parametric-margin support vector machine (FLTPMSVM)" *IEEE Symposium Series on Computational Intelligence (SSCI)*, Honolulu, HI, USA, 2017, pp. 1-7. doi: 10.1109/SSCI.2017.8280964. (**Scopus Indexed**)

**[4].** Kuang-Pen Chou, Mukesh Prasad, **Deepak Gupta**, Sharmi Sankar, Ting-Wei Xu, Suresh Sundaram, Chin-Teng Lin, Wen-Chieh Lin, "Block-based feature extraction model for early fire detection" *SSCI 2017*: 1-8. (**Scopus Indexed**)

**[5].** Parashjyoti Borah and **Deepak Gupta**. "On Lagrangian Twin Parametric-Margin Support Vector Machine". NGCT 2017, *Communications in Computer and Information Science* 827, pp. 474–487, 2018. https://doi.org/10.1007/978-981-10-8657-1_36, **Springer**. (**Scopus Indexed**)

**[6].** Parashjyoti Borah and **Deepak Gupta**, "A 2-norm Squared Fuzzy-based Least Squares Twin

Parametric-margin Support Vector Machine." Machine Intelligence and Signal Analysis, *Advances in Intelligent Systems and Computing* 748, https://doi.org/10.1007/978-981-13-0923-6_11. (**Scopus Indexed**)

**[7].** Ashutosh Kumar and **Deepak Gupta**, "Improvement in Boosting Method by Using RUSBoost Techniques for Class Imbalanced Data" *IC3, 2018*, *Advances in Intelligent Systems and Computing 740*, **Springer**, https://doi.org/10.1007/978-981-13-1280-9. (**Scopus Indexed**)

**[8].** Roshan Bharti and **Deepak Gupta**, "Recommending Top N Movies Using Content Based Filtering and Collaborative Filtering with Hadoop and Hive Framework". *IC3, 2018*, *Advances in*

*Intelligent Systems and Computing 740*, **Springer**, https://doi.org/10.1007/978-981-13-1280-9. (**Scopus Indexed**)

**[9].** Umesh Gupta and **Deepak Gupta**, "Lagrangian Twin Bounded Support Vector Machine based on L2-norm" *IC3, 2018*, *Advances in Intelligent Systems and Computing 740*, **Springer**, https://doi.org/10.1007/978-981-13-1280-9. (**Scopus Indexed**)

**[10].** Ambika Choudhury and **Deepak Gupta**, "A Survey on Medical Diagnosis of Diabetes Disease using Machine Learning Techniques" *IC3, 2018*, *Advances in Intelligent Systems and Computing 740*, **Springer**, https://doi.org/10.1007/978-981-13-1280-9. (**Scopus Indexed**)

**[11].** Mukesh Prasad, Liang-Cheng Chang, **Deepak Gupta**, Mahardhika Pratama, Suresh Sundaram, Chin-Teng Lin, "Online video streaming for human tracking based on weighted resampling particle filter" *INNS Conference on Big Data* 2018: 2-12. (**Scopus Indexed**)

**[12].** Mukesh Prasad, Shantanu Rajora, **Deepak Gupta**, Yousef-Awwad Daraghmi, Eman Daraghmi, Pranay Yadav, Prayag Tiwari, Amit Saxena, "Fusion based En-FEC Transfer Learning Approach for Automobile Parts Recognition System" *SSCI 2018*: 2193-2199. (**Scopus Indexed**)

**[13].** Umesh Gupta, **Deepak Gupta**, Mukesh Prasad, "Kernel Target Alignment based Fuzzy Least Square Twin Bounded Support Vector Machine" *SSCI 2018*: 228-235. (**Scopus Indexed**)

**[14].** Parashjyoti Borah, **Deepak Gupta**, Mukesh Prasad, "Improved 2-norm Based Fuzzy Least Squares Twin Support Vector Machine" *SSCI 2018*: 412-419. (**Scopus Indexed**)

**[15].** Neha Joshi and **Deepak Gupta**, "A Comparative Study on Load Balancing Algorithms in Software Defined Networking" *UBICNET 2019, LNICST*, vol 276. Springer, Cham. (**Scopus Indexed**)

**[16].** S. Balasundaram, **Deepak Gupta.** Knowledge based extreme learning machines. (**Presented in International Conference ELM2014, Singapore**)

## AREA OF INTEREST

- o Machine Learning, Support Vector Machine, Extreme Learning Machine for Classification and Regression Problems
- o Data Structure, Design Analysis of Algorithms, Graph Theory

## ACHIEVEMENTS

- o **Editorial Review Board Member**, Applied Intelligence, Springer, 10th October 2019.
- o **Editorial Board of Mathematics of Computation and Data Science** as Review Editor for Frontiers in Applied Mathematics and Statistics
- o Awarded **Young Scientist Travel Grant Award**, SERB, DST, on 29th August 2019. (To attend IEEE International Conference on SMC- 2019, Italy).
- o Member of **IEEE Computational Intelligence Society Task Force Committee**-Randomization-Based Neural Networks and Learning Systems as on 30 November 2020.
- o **Organizing committee member**, IEEE Computational Intelligence Society (CIS) Summer School, 26th - 29th November, IIT Indore.
- o **Web Chair** of Symposium Series on Computational Intelligence (SSCI-2018), 18-21 Nov, 2018.

- Awarded **IEEE Computational Intelligence Society Travel Award for SSCI 2017 on 3rd Oct 2017**.
- **Early Career Research Award**, from SERB, DST on 27th March, 2017.
- **Publicity Chair** of International Conference on Machine Intelligence and Signal Processing (MISP) at IIT Indore, 2016-17.
- Awarded **Young Scientist Travel Grant Award**, SERB, DST, New Delhi on 5th November 2014. (To attend IEEE International conference on ELM 2014, Singapore).
- Qualified **Junior Research Fellowship** (JRF) in Computer Science, UGC, India in June 2012. (Roll No 17872810).
- Qualified **Himachal Pradesh State Eligibility Test** (SET) in Computer Science in 2011. (Roll No: 128041).
- Qualified **National level Graduate Aptitude Test in Engineering** (GATE) examination with 97.7 percentile in 2012.
- Awarded **UGC Research Fellowship**, UGC, India August, 2009 to July, 2011.
- **2nd Topper** in MTech and **3rd Topper** in MCA.

## ACTIVITIES

- Organizing Special Session on "Evolutionary Computation in Healthcare and Biomedical Data" The 2021 IEEE Congress on Evolutionary Computation (IEEE CEC 2021) June 28 - July 01, 2021, Kraków, Poland.
- Organized Special Session on "Soft Computing: Feature Extraction and Learning on Image and Text data" IEEE SMC'19 October 06 - 09, 2019, Bari, Italy.
- Faculty Coordinator of Alumni Association of NIT Arunachal Pradesh, Yupia.
- Faculty Coordinator of Hindi Cell of NIT Arunachal Pradesh, Yupia.
- Faculty Coordinator of CCMT-2017, 2018, 2019, 2020 for MTech admission at NIT Arunachal Pradesh, Yupia.
- Coordinator of Routine Committee (2016-2017, 2019-2020) at NIT Arunachal Pradesh, Yupia.
- Lab In-charge of Machine Learning Lab at NIT Arunachal Pradesh, Yupia.
- Act as a Chairman of Institute Canteen during 2018-2019 at NIT Arunachal Pradesh, Yupia.
- Member, organizing committee, inaugural function of ICEIT chapter.
- Student coordinator, Alumni Meet "EUDEMONIA-10".
- Member, organizing committee, student technical fest "TECHNOPHILIA-09" and "TECHNOPHILIA-10" organized by SC&SS, JNU.

## Talk/ SESSIONS CHAIR

- *Keynote speaker* at International Conference on Advanced Materials, Information Systems and Mechanical Engineering (AMISM), September 12th -13th, 2020, in Ottawa, Canada.
- Co-chair a session at International Conference on Advanced Materials, Information Systems and Mechanical Engineering (AMISM), September 12-13, 2020, in Ottawa, Canada.
- Chaired a session on Soft Computing: Data Driven Approach for Biomedical and Healthcare in IEEE International Conference on Systems, Man, and Cybernetics (SMC 2019), Bari, Italy on 06-09 Oct 2019.

- Session Chair at 1st International Conference on Electronic System & Intelligent Computing (ESIC 2020), NIT AP, India on 02-04 March 2020.
- Expert and Session Chair in National Conference on Recent Advancements in IT & Computing (NCRAITC-2020), IMSEC Ghaziabad on 13th June 2020.

## WORKSHOP ORGANIZED

- Organized one week workshop on 'Advance Image Analysis for Machine Learning (AIAML-2020)' (Sponsored by TEQIP) during 14th -18th September, 2020 in Department of CSE, NIT Arunachal Pradesh.
- Organized one week workshop "Data Science (DS-2020)", as convener in Department of Computer Science & Engineering, NIT Arunachal Pradesh, sponsored by TEQIP-III during 04th -08th August, 2020.
- Organized one week workshop "Digital Image Processing and its Applications (DIPA-2020)", as convener in Department of Computer Science & Engineering, NIT Arunachal Pradesh, sponsored by TEQIP-III during 24th -28th August, 2020.
- Organized one week workshop "On Recent trends Artificial Intelligence & Machine Learning", as convener in Department of Computer Science & Engineering, NIT Arunachal Pradesh, sponsored by ATAL, AICTE and TEQIP-III during 23rd-27th September, 2019.
- Organized one day workshop on "Optimization Techniques in Engineering Applications" in NIT Arunachal Pradesh, sponsored by TEQIP-III on 31st August, 2018.
- Organized one week workshop "On Recent trends in Machine Learning, Big Data and IoT", as convener in Department of Computer Science & Engineering, NIT Arunachal Pradesh, sponsored by TEQIP-III during 13th-17th November, 2017.

## WORKSHOP/CONFERENCE ATTENDED (At least one week)

- Participated in the AICTE-AQIS sponsored One Week Short Term Training Programme (STTP) on "Image Processing and its Application" organized by Department of Computer Engineering, Poornima Institute of Engineering & Technology, Jaipur, held from September 21, 2020 to September 26, 2020.
- Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence" from 29th August to 2nd September 2020 at Dr. A P J Abdul Kalam Technical University Uttar Pradesh Lucknow.
- Attended one-week short term course on "*Advanced Research Methods and Data Analysis Techniques*" organized by Dr B R Ambedkar National Institute of Technology, Jalandhar, 27-31 July, 2020
- Attended one week FDP on "AI & ML and Its Application" organized by E&ICT Academy, NIT Patna, during 18th-24th May, 2020.
- Attended one week national workshop on "Research Challenges in Computer Science and Technology" organized by Department of Computer Science and Information Technology, MGCU, Bihar, during 18th-23rd June 2020.
- Participated in the webinar "Post Covid-19: Resurgance of Indian Industry and R&D" organized by SRM University-AP held on 15th May 2020.
- Participated in the webinar "Post Covid-19: Science and Technology" organized by SRM University-AP in association with India' national newspaper, "THE-HINDU" held on 29th May 2020.
- Attended one week workshop on "Blockchain" organized by National Institute of Technology, Arunachal Pradesh, Yupia during 17th-21st February, 2020.
- Attended one week workshop on "Cyber Security" organized by National Institute of Technology, Arunachal Pradesh, Yupia during 3rd-7th February, 2020.
- Attended one week FDP on "Data Science" organized by National Institute of Technology, Arunachal Pradesh, Yupia during 27th-31st January, 2020.

- Attended one week workshop on "Artificial Intelligence & Machine Learning" organized by National Institute of Technology, Arunachal Pradesh, Yupia during 23rd-27th September, 2019.
- Attended One week workshop on "Innovations and Trends in Computational Cognitive Science", organized by Banasthali Vidyapith, Rajasthan, during 02nd -07th January, 2019.
- Attended One week faculty induction workshop, organized by Continuing Education Cell, IIT Kharagpur, during 26th-30th June, 2018.
- Attended One week workshop on "Soft Computing Techniques Applied in Distributed Generation", organized by National Institute of Technology, Arunachal Pradesh, Yupia during 12th-16th March, 2018.
- Attended One week workshop on "Advance Renewable Energy and its Implications on Electrical Insulation", organized by National Institute of Technology, Arunachal Pradesh, Yupia during 19th-23rd February, 2018.
- Attended One week workshop on "Recent Trends in VLSI Design (VLSI-2018)", organized by National Institute of Technology, Arunachal Pradesh, Yupia during 08th-12th January, 2018.
- Participated in International "*IEEE Symposium Series on Computational Intelligence (IEEE SSCI 2017)*" at Hawaii, Honolulu, USA during 27th November-01th December, 2017.
- Attended AICTE recognized one week short term course on Fuzzy Logic in Mathematical Programming Problems", conducted by Applied Science Department, NITTTR Chandigarh during 18th-22nd September, 2017.
- Attended One week workshop on "Application of Statistics in Social Sciences", organized by National Institute of Technology, Arunachal Pradesh, Yupia during 06th-12th November, 2017.
- Attended one week winter school on "Computational Intelligence in pattern Recognition", organized by National Institute of Technology Kurukshetra, Kurukshetra during 12th-17th December, 2016.
- Attended Two week workshop on "Introduction to Design of Algorithms", National Mission on Education through ICT (MHRD Gov. of India) organized by IIT Kharagpur during 25th-30th May, 2015.
- Attended One week AICTE recognized short term course "Instructional Planning and Delivery" through ICT (MHRD Gov. of India) organized by NITTTR, Chandigarh during 11th-15th May, 2015.
- Participated in One week Faculty Development Program on "Latest Trends & research on Machine Learning" organized by IMS Engineering College, Ghaziabad during 15th-21st January, 2015.
- Participated in International Conference on "Extreme Learning Machines 2014" during 08th-10th December, 2014 at Marina Bay Sands, Singapore.
- Attended the Faculty Development Program on "Big Data Computing" organized by IMS association with IBM at IMS Lal Quan Campus Ghaziabad on 22nd November, 2014.
- Participated in the workshop International Research workshop on "Cloud Computing" organized by JNU, New Delhi from 26-27 September, 2014.
- Attended the Two week ISTE Main Workshop on "Computer Programming" under the National Mission on Education through ICT (MHRD Gov. of India) organized by IIT Bombay at Jaypee Institute of Information Technology, Noida during 20th May, 2014 to 21st June, 2014
- Participated in One week Faculty Development Program on "Mobile Application Development & Deployment using IBM Worklight" organized by IMS Engineering College, Ghaziabad during 9th-13th June, 2014.
- Participated in the workshop "Transforming Education: Digital Learning Workshop" Organized by IBM Research, New Delhi from 27th-28th February, 2014.
- Attended International Conference on Advances in Computer Engineering and Application, ICACEA-2014 organized by IMS Engineering College, Ghaziabad on 14th-15th Feb, 2015.

o Attended Two week International Workshop on "Machine Learning and Text Analytics" organized by South Asian University, New Delhi during 15th-23rd December, 2013.
o Participated in the Symposium on "Image Processing and Pattern Recognition" at South Asian University, New Delhi during 31st Oct-01st Nov, 2013.
o Attended the Workshop "I-CARE 2013" organized by IBM Research Lab on 19th October, 2013.
o Participating in Computing Quiz, ACM Chapter in Jawaharlal Nehru University, New Delhi on 6th April, 2013.
o Attended the National Workshop on "Recent Advances in Data Mining and Data Warehousing" organized by ISI Delhi campus, New Delhi during 19th-23rd October, 2011.
o Attended the Workshop on "Current Trends of Research in Computer Science and Information Technology" organized by Department of Information Technology, KIET Ghaziabad on 18th June, 2012.
o Volunteered in International Conference on Methods and Models in Computer Science (ICM2CS-2010), organized by School of Computer and Systems Sciences, Jawaharlal Nehru University, New Delhi from 13th-14th December, 2010.

## MEMBERSHIP/ REVIEWER

o EAI (*European Alliance for Innovation*) senior member award 2020. Among 2302 individuals who achieved the top 1% in their EAI Index value among the entire EAI Community in the calendar year 2019 as on 29th Nov 2020.

o Technical Program committee member of INDIACom-2016 IEEE Conference, Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM).

o Reviewer of International Journal of Information Sciences, Neural Computing & Application, Applied Intelligence, IEEE Access, FILOMAT etc.

o Member of IEEE (93384212), IEEE CIS, IEEE SMC, Indian Science Congress Association (ICSA), Computer Society of India (CSI, F8001681)

o Member of Institution of Communication Engineers and Information Technologists (ICEIT), International Association of Computer Science and Information Technology (IACSIT), Universal Association of Computer and Electronics Engineers (UACEE), International Association of Engineers (IAENG).

## PERSONAL DETAILS

| | |
|---|---|
| **Father's Name** | : Mr. Nand Kishore Gupta |
| **Mother's Name** | : Mrs. Shail Gupta |
| **Date of Birth** | : 6th Jun, 1985 |
| **Sex** | : Male |
| **Languages known** | : English, Hindi |
| **Marital Status** | : Married |
| **Nationality** | : Indian |
| **Mobile Number** | : 9999778726, 9485230593 |
| **Pass Port No.** | : H2744011 |
| **Pan Card No.** | : APVPG3968F |

   I hereby certify that all the information provided above is true to the best of my knowledge and belief.


 **Date :-**


 **Place:** - New Delhi                                                                                      **(Dr. Deepak Gupta)**