PROFILE

1. PERSONAL INFORMATION

Name in full (capital letters)	:	DR. GAURAV GUPTA
Father's Name	:	Sh. J. K. Gupta
Mother's Name	:	Smt. Vanita Gupta
Date of Birth	:	23-July-1980
E-mail	:	gaurav.shakti@gmail.com,
		gaurav.ce@pbi.ac.in (Official)
Postal Address	:	#400, PHASE-2, URBAN ESTATE
		PATIALA (Pb) - 147002
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2. BIOGRAPHY

Dr. Gaurav Gupta, is currently serving as Assistant Professor at Punjabi University, Patiala (Pb), India after completing his Ph.D, M.Tech and B.Tech in Computer Science & Engineering from the University. He has more than 18 years of teaching experience and has supervised more than 38 M.Tech Dissertations. He is also supervising 5 Ph.D research scholars. He has contributed 94 articles in many reputed Journals besides participating in some international conferences. His research interests include Machine Learning, Data Science, Data Mining & Warehousing, Big Data, CRM, Information Systems, Knowledge Management, Cloud Computing and DIP. He is a member of UACEE, IAENG, IACSIT and SDIWC. He is on editorial board of various Journals. Before joining Punjabi University, he served Chitkara University and RIMT University. He had delivered many Expert talks and headed workshops on Data Mining and its techniques in different colleges and universities. He also headed many committees at department and university level.

ਪ੍ਰੋਫਾਈਲ

ਨਿੱਜੀ ਜਾਣਕਾਰੀ

ਨਾਮ	ਡਾ. ਗੌਰਵ ਗੁਪਤਾ
ਪਿਤਾ ਦਾ ਨਾਮ	ਇੰਜ. ਜਤਿੰਦਰ ਕੁਮਾਰ ਗੁਪਤਾ
ਮਾਂ ਦਾ ਨਾਮ	ਵਨੀਤਾ ਗੁਪਤਾ
ਜਨਮ ਤਾਰੀਖ	23-ਜੁਲਾਈ-1980
ਪਤਾ	#400, ਫੇਜ਼ - 2, ਅਰਬਨ ਅਸਟੇਟ, ਪਟਿਆਲਾ
ਦਫਤਰ ਦਾ ਪਤਾ	ਕਮਰਾ FF-317, ਤੀਜੀ ਮੰਜ਼ਲ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ ਕੈਂਪਸ
ਮੋਬਾਈਲ	+91-9501236400
ਈਮੇਲ	gaurav.shakti@gmail.com (ਨਿੱਜੀ),
	gaurav.ce@pbi.ac.in (ਦਫਤਰੀ)

ਜੀਵਨੀ ਬਾਰੇ

ਡਾ. ਗੌਰਵ ਗੁਪਤਾ, ਇਸ ਵੇਲੇ ਯੂਨੀਵਰਸਿਟੀ ਤੋਂ ਕੰਪਿਊਟਰ ਸਾਇੰਸ ਅਤੇ ਇੰਜੀਨੀਅਰਿੰਗ ਵਿਚ ਪੀ.ਐੱਚ.ਡੀ., ਐਮ.ਟੈਕ ਅਤੇ ਬੀ.ਟੈਂਕ ਪੂਰੀ ਕਰਨ ਤੋਂ ਬਾਅਦ ਉਹ ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ (ਪੀ.ਬੀ.) ਵਿਖੇ ਸਹਾਇਕ ਪ੍ਰੋਫੈਸਰ ਵਜੋਂ ਸੇਵਾਵਾਂ ਨਿਭਾਅ ਰਹੇ ਹਨ। ਉਸ ਕੋਲ 18 ਸਾਲਾਂ ਤੋਂ ਵੱਧ ਦਾ ਅਧਿਆਪਨ ਦਾ ਤਜਰਬਾ ਹੈ ਅਤੇ ਉਸਨੇ 38 ਤੋਂ ਵੱਧ ਐਮ.ਟੈਕ ਖੋਜ ਨਿਬੰਧਾਂ ਦੀ ਨਿਗਰਾਨੀ ਕੀਤੀ ਹੈ। ਉਹ 5 ਪੀ.ਐੱਚ.ਡੀ. ਖੋਜ ਵਿਦਵਾਨਾਂ ਦੀ ਵੀ ਨਿਗਰਾਨੀ ਕਰ ਰਿਹਾ ਹੈ। ਉਸਨੇ ਕਈ ਅੰਤਰਰਾਸ਼ਟਰੀ ਕਾਨਫਰੰਸਾਂ ਵਿੱਚ ਭਾਗ ਲੈਣ ਤੋਂ ਇਲਾਵਾ ਕਈ ਨਾਮਵਰ ਰਸਾਲਿਆਂ ਵਿੱਚ 94 ਲੇਖਾਂ ਦਾ ਯੋਗਦਾਨ ਪਾਇਆ ਹੈ। ਉਸ ਦੀਆਂ ਖੋਜ ਹਿੱਤਾਂ ਵਿੱਚ ਮਸ਼ੀਨ ਲਰਨਿੰਗ, ਡੇਟਾ ਸਾਇੰਸ, ਡੇਟਾ ਮਾਈਨਿੰਗ ਐਂਡ ਵੇਅਰਹਾ ,ਸਿੰਗ, ਬਿਗ ਡੇਟਾ, ਸੀਆਰਐਮ, ਇਨਫਾਰਮੇਸ਼ਨ ਸਿਸਟਮ, ਨੋਲਜ ਮੈਨੇਜਮੇਂਟ, ਕਲਾਊਡ ਕੰਪਿਊਟਿੰਗ ਅਤੇ ਡੀ ਆਈ ਪੀ ਸ਼ਾਮਲ ਹਨ।ਉਹ ਯੂਏਸੀਈਈ, ਆਈਏਐੱਨਜੀ, ਆਈਏਐਸੀਐਸਆਈਟੀ ਅਤੇ ਐਸਡੀਆਈਡਬਲਯੂਸੀ ਦਾ ਮੈਂਬਰ ਹੈ. ਉਹ ਵੱਖ-ਵੱਖ ਰਸਾਲਿਆਂ ਦੇ ਸੰਪਾਦਕੀ ਬੋਰਡ 'ਤੇ ਹੈ. ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ ਵਿਚ ਦਾਖਲ ਹੋਣ ਤੋਂ ਪਹਿਲਾਂ ਉਸਨੇ ਚਿਤਕਾਰਾ ਯੂਨੀਵਰਸਿਟੀ ਅਤੇ ਰਿਮਟ ਯੂਨੀਵਰਸਿਟੀ ਵਿਚ ਸੇਵਾ ਕੀਤੀ। ਉਸਨੇ ਕਈ ਮਾਹਰ ਭਾਸ਼ਣ ਦਿੱਤੇ ਅਤੇ ਵੱਖ ਵੱਖ ਕਾਲਜਾਂ ਅਤੇ ਯੂਨੀਵਰਸਿਟੀਆਂ ਵਿੱਚ ਡੇਟਾ ਮਾਈਨਿੰਗ ਅਤੇ ਇਸ ਦੀਆਂ ਤਕਨੀਕਾਂ ਬਾਰੇ ਵਰਕਸ਼ਾਪਾਂ ਦੀ ਅਗਵਾਈ ਕੀਤੀ. ਉਸਨੇ ਵਿਭਾਗ ਅਤੇ ਯੂਨੀਵਰਸਿਟੀ ਪੱਧਰ 'ਤੇ ਕਈ ਕਮੇਟੀਆਂ ਦੀ ਅਗਵਾਈ ਵੀ ਕੀਤੀ।

3. EDUCATIONAL QUALIFICATIONS

Sr. No.	Degree / Diploma / Certificate	Year of Passing	University / College
1.	Ph.D	2015	Punjabi University, Patiala
2.	M.Tech (CSE)	2004	Punjabi University, Patiala
3.	B.Tech (CSE)	2002	G.Z.S.C.E.T, Bathinda, PTU
4.	10 + 2	1998	M. M. Modi College, Patiala
5.	10th	1996	St. Peter's Academy, Patiala

4. EXPERIENCE: 17 YEARS

Sr. No.	Position Held & Organization	Duration		Period
		From	To	
1.	Assistant Professor, Computer Science & Engineering, Punjabi University	23-12.2011	Till Date	----------------
2.	Assistant Professor, Computer Science & Engineering, RIMT-IET, Mandi Gobindgarh	01-08-2006	22-12-2011	5 Years 5 Months
3.	Lecturer, Computer Science & Engineering, Chitkara Institute of Engineering & Technology, Rajpura	01-08-2003	31-07-2006	3 Years

5. PROFESSIONAL CONTRIBUTIONS:

- PhD. Thesis Guided (Completed/Registered/Enrolled)   : 06
- M.Tech. Thesis Guided (Completed)   : 39

- Publications in Journals   : 80
- Publications in International Conferences   : 12
- Publications in National Conferences   : 10
- Books Published   : 02
- Patent   : 01

6. AREA OF SPECIALIZATION:

- Data Mining & Data Warehousing
- Data Science and Machine Learning
- Customer Relationship Management
- Big Data, Cloud Computing, MIS
- Oracle, SPSS, Python

7. SUBJECTS OF INTEREST

Data Mining & Data Warehousing (DMDW)
Theory of Computation (TOC)
Data Structures (DS)
Operating Systems (OS)
Mobile Apps Development (MAD)
Object Oriented Programming (OOPs)
Relational Database Management System (RDBMS)
Database Management System (DBMS)
Visual Programming using VB.Net (VP)
Management Information System (MIS)
Computer Architecture (CA)
Fundamentals of Computer Programming & IT (FCPIT)
Computer Graphics (CG)
Microprocessor and Programming Language (MP)
Introduction to IT

8. Invited Lectures and Chairmanships at National / International Conferences/Seminars/Workshops

- Expert talk on "Programming and Databases" In 22nd September-2019 Desh Bhagat, Dhuri
- One Day Seminar on "Oracle Databases" on 4th April-2019 at Patel Memorial National College, Rajpura, Punjab.
- One Day National Workshop on "Building Block of Programming" on 17th October-2018 at GNA University, Phagwara.
- UGC Sponsored National Workshop on "Hybrid Cloud Computing and IoT" on 7-20 September-2017 at Guru Nanak Khalsa College, Yamuna Nagar, Haryana.
- One Day Seminar on "Data Mining-Tools and Techniques" on 13th February-2017 at Asra College, Bhawanigarh.
- DST Sponsored One Day National Workshop on "Data Mining and Big Data Tools" on 25th January- 2017 at CGC College, Landran.
- One Day National Workshop on "Data Mining" on 6th October-2016 at Continental College, Fatehgarh Sahib.

9. Participated in Workshops, FDP, Webinar

- Webinar on "Modelling and Assembly using Solidworks" on 7th June-2020 (Online Mode) Organised by YCoE, Talwandi Sabo.
- FDP on "Cyber Security and Malware Analysis" 26-27 May-2020 (Online Mode) organised by CMR College, Hyderabad.
- Webinar on "Intellectual Property Rights and Patenting" on 23rd May-2020 (Online Mode) Organised by YCoE, Talwandi Sabo.
- STC on "Data Science using Python" 18-22 May-2020 (Online Mode) NITTTR Chandigarh.
- STC on "Cyber Security" 9-13 December-2019 NITTTR Chandigarh.
- One Day National Workshop on "Essentials of NBA Accrediation" on 28th November-2019.
- STC on "Internet of Things" 23-27 September-2019 NITTTR Chandigarh.
- One Day Workshop on "Northern Regional Training Programme on Plagiarism Detection Software, PDS (URKUND) under aegis of MHRD" on 19th August-2019 at Chandigarh University.
- STC on "Embedded Systems through ICT" 17-21 September-2018 NITTTR Chandigarh.

- STC on "Wireless Communication" 2-6 May-2016 NITTTR Chandigarh.
- Two Day National Workshop on "Latest Trends in Cloud Computing" on 11-12 April-2016.
- One Day National Workshop on "Computer Networking and Troubleshooting" on 4th March-2016.
- STC on "Cyber Threat Detection and safety" 4-15 January-2016 NITTTR Chandigarh.
- National Workshop on "Learning Data Mining: Tools and Techniques" 14-16 April-2012.
- STC on E-Commerce and Computer Network from NITTTR Chandigarh 2007.

10. Professional Certification

- Cloud and Virtualization Concepts by VMWARE-2020.
- Certificate of Excellence on Funding, Research Data Management, Technical writing skills, Ethics, Open Science by Research Academy, Elsevier-2020.
- Applied Data Science with Python Provided by IBM- 2020.
- Certification on Cloud Fundamentals by AWS-2020.
- Certifications on Virtual Reality, Dreamweaver, WordPress, Project Management, Python, Corel Draw, Marketing Analytics, Preventing DDoS attacks by BitDegree-2020
- Network Virtualization Concepts by VMWARE-2020.
- Data Science Foundation's Provided by IBM- 2020.
- Machine Learning for Developers by AWS-2020
- Software-Defined Storage Concepts by VMWARE-2020.
- Data Science Business by IBM- 2020.
- Serverless Computing, Security by AWS-2020
- Machine Learning with Python by IBM-2020.
- Oracle Certified Associates by Oracle-2005

11. Professional Membership

- Member of the Computer Society of India
- Life Time Member of The International Association of Engineers (IAENG)
- Life Time Member of The Society of Digital Information and Wireless Communication (SDIWC)
- Life Time Member of The International Computer Science and Engineering Society (ICSES)

12. Reviewer Panel Membership

- Reviewer for Elsevier Array Journal.
- Reviewer for Indonesian Journal of Electrical Engineering and Computer Science
- On Review Panel of IEEE Access: The Multidisciplinary Open Access Journal
- Reviewed many paper for different National/ International conferences.

13. Extra Curricular Activities / Hobbies:

- ❖ Member of Board of Studies
- ❖ Member of Student Activity Fund
- ❖ Coordinator to Digitize Main Library and Research Branch of Punjabi University- 2020
- ❖ Member of Accommodation Committee of International Conference in Economics Department- 2020
- ❖ Member of Discipline Committee in Crispolatieia- 2019
- ❖ Member of Accommodation Committee of International Conference in Economics Department- 2019
- ❖ Organised Fun Events in Aayam-2017
- ❖ Organized two day work shop on Latest Trends in cloud computing as Organizing Sectary
- ❖ Convener Cultural Committee in Crispolatieia- 2012
- ❖ Member of arrangement committee of Crispolatieia- 2012
- ❖ Discipline committee Crispolatieia- 2013
- ❖ Fresher party -2013
- ❖ Akhand Path Organizing Committee-2013
- ❖ Cultural committee in Crispolatieia- 2014
- ❖ Arrangement committee of Akhand Path Sahib 2014
- ❖ Working as departmental Time Table coordinator for 2 years
- ❖ Working as departmental BOS member for 3 years
- ❖ Working as departmental Website coordinator
- ❖ Working as departmental sports club coordinator for 3 years
- ❖ Worked as Department Coordinator for 3 years
- ❖ Worked as auditor for ISO Inspection
- ❖ Prepared students for technical and cultural activities

14. Details of completed Dissertations:

Sr. No.	Roll No.	Name	Thesis Title	Submission Date
1.	96426582673	Mamta Dhanda	A New Approach To Enhance The Attributes Of Association Rule Learning	27/07/2011
2.	96426582685	Sonali Guglani	An Efficient Strategy To Define K-means Clustering Algorithm	27/07/2011
3.	11091009	Tanjeet Kaur	Denoising of Computed Tomography Images using Improved Curvelet Transformation	28/08/2012
4.	11191043	Parampreet Kaur	Automated Model Based Software Test Generation: with UML State Machines	29/08/2013
5.	11191012	Rupali	Hybrid Approach to Mine Frequent Itemsets	29/08/2013
6.	11291025	Harpreet Kaur	Genetically Optimized Cart Algorithm	27/08/2014
7.	11291024	Jasvinder Kaur	Hybrid Clustering Algorithm: K-Means and Hierarchical	27/08/2014

8.	11291022	Pushpinder Kaur	Analysis of Comparison of Different Data Mining Techniques	27/08/2014
9.	11171015	Jaskiranjit Kaur	Comparative Analysis of Biometric System Among Employees of Public and Private Sector Banks	27/08/2014
10.	11171016	Neha Dudeja	Gap Analysis of Perception Among Customers And E-Customers in Retail Sector: A Case Study of Clothing's	27/08/2014
11.	11391007	Gundeep Kaur	Automation Testing Using Enhancement of Selenium IDE	19/08/2015
12.	11391043	Ramesh	Penetration Testing in Virtual Environment and Real Environment	19/08/2015
13.	11271039	Kulwinder Kaur	Predicting To Usage and Association of Internet Among Teacher and Students Using Data Mining	19/08/2015
14.	11271025	Nain Kanwal Kaur	Penetration Testing in Virtual Environment and Real Environment	19/08/2015
15.	11491047	Navjot Kaur	Effectiveness of CRM in Retail Sector using Data Mining	04/08/2016
16.	11491048	Sukhdeep Kaur	Data Mining Approach to CRM in Banking Sector	04/08/2016
17.	7141-13-1362	Ranvir Kaur	E-Mandi	10/06/2016
18.	7141-15-801	Jyoti	Genetic Based Workflow Scheduling in Cloud Computing	12/07/2017
19.	7141-15-803	Ramanpreet Kaur	Sentimental Analysis of Online Reviews of Products by Customer	12/07/2017
20.	7141-15-798	Jasminderjit Kaur	Energy Efficiency in Cloud Computing Using VM Migration	27/07/2017
21.	7141-14-1183	Avneet Kaur	Analysis of Agent Less Standalone Applications in SaaS Using Virtualization	18/08/2017
22.	7141-14-1182	Davandeep Kaur	To Detect The Causes and Mitigate The Effects of The DDoS Attacks	18/08/2017
23.	7141-15-807	Kamalpreet Kaur	Evaluation of Various Sorting Algorithm in Cloud Computing using MapReduce	18/08/2017
24.	7141-14-1155	Ramandeep Kaur	Prediction of Dengue Disease using Data Mining	18/08/2017
25.	7141-14-1161	Ravneet Kaur	Sentimental Analysis of English Tweets using Data Mining	22/08/2017
26.	7141-14-1187	Amarjot Singh Ghai	Data Mining and Envision Effects of Sports on Vocational academics	22/08/2017

S.No		Name	Title	Date
27.	7141-14-1208	Arshika	Determining The Effectiveness of Modernity Medical Equipments Through Data Mining	22/08/2017
28.	7141-14-1204	Harmandeep Kaur	Acquire the Consequences of Electronic Library Using Data Mining	22/08/2017
29.	7141-14-1207	Taranpreet Kaur	To Explore the Perspective on Therapies and Medical Treatment Using Data Mining	22/08/2017
30.	7141-15-864	Nancy Verma	Sentiment Analysis on Real Time Social Tweets	07/09/2018
31.	11691004	Pawandeep Kaur	Rule Based Apriori Approach for Heart Disease Prediction	07/09/2018
32.	7141-16-950	Rupinder Kaur	Sentiment Analysis on Facebook Comments Using Data Mining Techniques	22/10/2019
33.	PU(P)-2016-947	Amritesh Sidhu	Evaluate and Predict the Television Serials TRP	25/10/2019
34.	PU(P)-2016-945	Geetika	Credit Card Fraud Detection Using Data Mining	25/10/2019
35.	PU(P)-2016-949	Himani Rani	Back Propagation with SVM Classifiers for the Heart Disease Prediction	25/10/2019
36.	PU(P)-2016-950	Sabia Gupta	Customers and E-Customers Insight Towards the e-Banking	25/10/2019
37.	7141-18-667	Rupinder Kaur	Heart Attack Prediction With Hybrid Technique Of Weighted k-Mean And Logistic Regression	23/11/2020
38.	11771007	Kamal Deep Singh	Upliftment of Agriculture System by Using Blockchain Technology	06/05/2021
39.	7141-2019-656	Swaty Behl	Data Mining Approach to Predict Dengu Fever	16/09/2021

15. RESEARCH PUBLICATIONS

S.NO	TITLE	CONFERENCE / JOURNAL	DATE
1.	Concentrations of PM2.5 and PM10 in Ambient Air Before and During Pandemic in Punjab: A Comparative Analysis	**Journal of Data Acquisition and Processing (Vol. 37, Issue 5) ISSN 1004-9037, pp. 2115-2120 (Scopus Indexed)**	Dec, 2022
2.	A Review and Comparison of Key Distributed Database Characteristics Across Several NoSQL Distributed Databases	**Journal of Data Acquisition and Processing (Vol. 37, Issue 5) ISSN 1004-9037, pp. 1513-1521 (Scopus Indexed)**	Dec, 2022
3.	Skin Lesion Classification Based On Deep Convolutional Neural Networks Architectures	**Journal of Pharmaceutical Negative Results (Vol. 13, Issue 10) ISSN 0976-9234, pp. 6130-6144 (Scopus Indexed)**	Dec, 2022

4.	Performance Evaluation of Various Classification Techniques for Customer Churn Prediction in E-Commerce	**Microprocessors and Microsystems (Elsevier) (Vol. 94) ISSN 0141-9331 (SCI, Scopus Indexed)**	Oct, 2022
5.	Development of fading channel patch based convolutional neural network models for customer churn prediction	**International Journal of System Assurance Engineering and Management (Springer) ISSN 0975-6809, pp. 14-24 (Scopus Indexed)**	Aug, 2022
6.	Skin Lesion Detection And Segmentation Using Deep Transfer Learning Approach	**Journal of Pharmaceutical Negative Results (Vol. 13, Issue 5) ISSN 0976-9234, pp. 3012-3019 (Scopus Indexed)**	Jun, 2022
7.	Predicting the net asset value of mutual fund: an extended literature review	**International Journal of Adaptive and Innovative Systems (InderScience) (Vol. 3, Issue 1) ISSN 1740-2115, pp. 14-24**	Apr, 2021
8.	A review and analysis of consistency models in NoSQL databases	**Journal of Xidian University (Vol. 14, Issue 10) ISSN 1001-2400, pp. 624-630**	Oct, 2020
9.	Pre-processing of E-Commerce Data for Customer Churn Prediction using Data Mining	**Journal of Xidian University (Vol. 14, Issue 10) ISSN 1001-2400, pp. 463-470**	Oct, 2020
10.	Study of Ambient Air Pollution Forecasting Using Artificial Neural Network	**Journal of Xidian University (Vol. 14, Issue 9) ISSN 1001-2400, pp. 949-963**	Sep, 2020
11.	A literature survey on the performance prediction of mutual funds	**International Journal of Computational Systems Engineering (InderScience) (Vol. 6, Issue 1) ISSN 2046-3405, pp. 46-51**	Aug, 2020
12.	Heart Attack Prediction with Hybrid Technique of Weighted K-Mean and Logistic Regression	**International Journal of Recent Technology and Engineering (Vol. 9, Issue 2) ISSN 2277-3878, pp. 445-448 (Scopus Indexed)**	Jul, 2020
13.	Application of Blockchain in Indian Agriculture: A Study of Sangrur District of Punjab	**Tathapi (UGC Care Journal) (Vol. 19, Issue 50) ISSN 2320-0693, pp. 194-204**	Jun, 2020
14.	Android Malware Analysis	**International Journal of Computer Science and Mobile Computing (Vol. 9, Issue 3) ISSN 2320-088X, pp.64-68**	Mar, 2020
15.	A Review on Different Classifiers Techniques for Disease Prediction	**Journal of Emerging Technologies and Innovative Research (Vol. 7, Issue 2) ISSN 2349-5162, pp. 1005-1010**	Feb, 2020
16.	A Critical Examination of Different Models for Customer Churn Prediction Using Data Mining	**International Journal of Engineering and Advanced Technology (Vol. 8, Issue 6S3) ISSN 2249-8958, pp.250-254 (Scopus Indexed)**	Sep, 2019

17.	Back Propagation with SVM Classifier for the Heart Disease Prediction	**Global Journal for Research Analysis (Vol. 8, Issue 9) ISSN 2277-8160, pp.113-116**	Sep, 2019
18.	Machine Learning Approach for Credit Card Fraud Detection	**Global Journal for Research Analysis (Vol. 8, Issue 9) ISSN 2277-8160, pp.96-98**	Sep, 2019
19.	Customers & E-Customers Insight Towards the E-Banking	**International Journal of Engineering Research in Computer Science and Engineering (Vol. 6, Issue 9) ISSN 2394-2320, pp.6-13**	Aug, 2019
20.	To Evaluate & Predict the Television Serials' TRP	**International Journal of Engineering Research in Computer Science and Engineering (Vol. 6, Issue 9) ISSN 2394-2320, pp.1-5**	Aug, 2019
21.	Sentimental Analysis on Facebook Comments Using Data Mining Technique	**International Journal of Engineering Research & Technology (Vol. 8, Issue 8) ISSN 2278-0181, pp.690-701**	Aug, 2019
22.	A Review on Sentimental Analysis on Facebook Comments by Using Data Mining Technique	**International Journal of Computer Science and Mobile Computing (Vol. 8, Issue 8) ISSN 2320-088X, pp.17-21**	Aug, 2019
23.	A Review on Factors Responsible for Determining the TRP of A TV Channel or A Program	**International Journal of Scientific & Engineering Research (Vol. 10, Issue 7) ISSN 2229-5518, pp.570-578**	July, 2019
24.	A Review on Customer's Perception Towards the E-Banking Services	**International Journal of Scientific & Engineering Research (Vol. 10, Issue 7) ISSN 2229-5518, pp.561-569**	July, 2019
25.	Prediction Analysis Techniques of Data Mining: A Review	**International Journal of Computer Science and Mobile Computing (Vol. 8, Issue 5) ISSN 2320-088X, pp.15-22**	May, 2019
26.	Analysis of Various Credit Card Fraud Detection Techniques	**International Journal of Computer Science and Mobile Computing (Vol. 8, Issue 5) ISSN 2320-088X, pp.8-14**	May, 2019
27.	Sentiment Analysis of Real Time Social Tweets	**Global Journal of Engineering Science and Researches (Vol. 5, Issue 8) ISSN 2348-8034, pp.212-227**	Aug, 2018
28.	Rule Based Apriori Approach For Heart Disease Prediction	**Global Journal of Engineering Science and Researches (GJESR, Vol. 5, Issue 8) ISSN 2348-8034, pp.271-284**	Aug, 2018
29.	A Brief Review: Sentiment Analysis of Real Time Social Tweets	**Global Journal of Engineering Science and Researches (Vol. 5, Issue 7) ISSN 2348-8034, pp.309-317**	July, 2018

30.	Demographic Analysis of Dengue Fever Using Data Mining	**International Journal of Advanced Research in Computer Science (Vol. 8, Issue 7) ISSN 0976-5697, pp. 1233-1237**	Aug, 2017
31.	Research Paper On Sentimental Analysis of Online Customer Reviews And Rating	**International Journal of Advanced Research in Computer Science (Vol. 8, Issue 7) ISSN 0976-5697, pp. 393-397**	Aug, 2017
32.	Aligning The Business Processes With The Services To Customers For Successful CRM: A Managerial Perspective	**Webology (Vol. 14, Issue 2) ISSN: 1735-188X, pp. 158-184 (Scopus Indexed)**	July, 2017
33.	Sentiment Analysis of English Tweets on Badminton, Qismat Song And Ishqbaaz Serial Tweets	**International Journal for Multi Disciplinary Engineering and Business Management (Vol. 5, Issue 3) ISSN 2348 – 2249, pp. 21-29**	July, 2017
34.	Review of Data Mining In Contrast To Modern Medical Equipments	**International Journal for Multi Disciplinary Engineering and Business Management (Vol. 5, Issue 3) ISSN 2348 – 2249, pp. 18-20**	July, 2017
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84.	A Review on Conceptual Data Mining	**International Conference on Recent Trends in Computing (ICRTC)**	Aug, 2016
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86.	Review on CRM In Banking Sector Using Data Mining	**National Conference on Emerging Areas in Computer Sciences & Communication Engineering**	Mar, 2016
87.	Intelligent CRM Using Data Mining Techniques To Retain High-Risk Customers	**International Conference on Computing, Engineering & Technology Sciences**	Mar, 2013
88.	A Survey on Different Data Mining Techniques With Emphasis on Clustering	**International Conference on Advance Computing Technologies (ICACT 2012)**	June, 2012
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102.	Comparison of Bandwidth of Regular & Irregular Fault-Tolerant Multistage Interconnection Networks	**National Conference Recent Advances & Future Trends in IT (RAFIT-2005)**	Mar, 2005

16. PATENTS
❖ Title of the invention: **A SYSTEM OF DEEP LEARNING CUSTOMER CHURN PREDICTION MODEL IN E-COMMERCE USING DATA MINING**
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17. AWARDS AND RECOGNITIONS
❖ Listed in "100 Eminent Academicians of 2021" by International Institute of Organized Research (I2OR), a registered MSME with the Ministry of Micro, Small and Medium Enterprises, Government of India.
❖ Awarded the "International Innovative Educator Award 2021" by the International Institute of Organized Research (I2OR), a registered MSME with the Ministry of Micro, Small and Medium Enterprises, Government of India.
❖ Awarded "Top 50 International Distinguished Young Researcher 2020" by Green ThinkerZ Awards.