



Name : **Dr.V.Radhakrishna**  
Designation : Assistant Professor  
Department : Information Technology  
Mail.I.D : [radhakrishna\\_v@vnrvjiet.in](mailto:radhakrishna_v@vnrvjiet.in)  
Experience (in years) : Teaching: 17 Research: 10 others (If any, specify):

### 1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	University /Year	Specialization
1	Ph.D	JNTU Hyderabad	Computer Science & Engineering
2	M.Tech	Osmania University	Computer Science & Engineering
3	B.E	Bangalore University	Computer Science & Engineering

### 2. Teaching and Learning:

#### 2.1 Teaching Interests:

- Advanced Business Analytics
- Data Mining
- DBMS
- Compiler Design
- Formal Languages and Automata Theory
- Design and Analysis of Algorithms
- Software Testing Methodologies
- Artificial Intelligence
- Advanced Databases
- Mathematical Foundations of Computer Science
- Information Security

#### 2.2 Novel Teaching & Learning Techniques adopted:

- Business Data analysis using Excel
- Power Point Presentation
- Learn by Doing
- Adopting Faculty-Student Research Initiative Initiated by VNR VJIET for involving students to Research Exposure - Moving towards publication of Ongoing work as part of B.Tech and M.Tech Projects

#### 2.3 Involvement in curriculum updating / Design:

- Involved in Curriculum updating of Course - Information Retrieval
- Involved in Curriculum updating of Course - Distributed Databases
- Involved in Curriculum Syllabus design of Enterprise Business Applications
- Involved in Curriculum Syllabus design – Mathematical Modeling

### 3. Co-curricular and Extra-Curricular Activities

#### 3.1. Interests and Hobbies:

- Reading Books

- Playing Chess
- Reading Research Papers

### 3.2. CCA/ECA Organized:

- Technical Committee Member for ACM International Conference on Research in Adaptive and Convergent Systems (RACS 2015) Co-Sponsored by Google and Czech Technical University in Prague, Faculty of Electrical Engineering, Czech Republic to be held in month of October 2015.
- Program Committee Member for ACM International Conference on Research in Adaptive and Convergent Systems (RACS 2014) held from October 3<sup>rd</sup> -5<sup>th</sup> 2014 at Boston, USA.
- Technical Committee Member for ACM International Conference on Research in Adaptive and Convergent Systems (RACS 2014) held from October 3<sup>rd</sup> -5<sup>th</sup> 2014 at Boston, USA.
- Organized Faculty Development Programme on Program Design using MAPCODE during 27<sup>th</sup> and 29<sup>th</sup> of May 2013 sponsored by TEQIP-II
- Organized a Faculty Development Programme on Security & Privacy in Cloud Computing during 25<sup>th</sup> and 26<sup>th</sup> of March 2013 sponsored by TEQIP-II

### 3.3. CCA/ECA participated:

#### Workshops

- Attended “National Workshop on Cloud Computing”, Organized by CDAC, Bangalore on May 21, 2011.
- Attended a 5 Day Faculty Workshop on “Principles of Information Security” Conducted from June 20<sup>th</sup> –June 24<sup>th</sup>, 2011 at International Institute of Information Technology, Gachibowli, Hyderabad (IIIT-H).
- Attended a two day workshop on “Android Application Development” at IIT HYDERABAD from 27<sup>th</sup> -28<sup>th</sup> August 2011 Certified by ROBO Tech Labs CANADA
- Participated in the Committees of AICTE Sponsored FDP on Recent Trends in Cloud Computing during 3<sup>rd</sup>-15<sup>th</sup> June 2013 at VNR VJIET
- Proceedings In charge for INDAS 2014, Organized by VNR VJIET
- Participated in Open House Project Reviews at VNR VJIET
- Academic Project Poster Presentation at VNR VJIET

### 3.4. Counseling and Mentoring Activity:

- Mentor for B.Tech students.
- Mentoring Project Students towards publication of papers.

### 3.5. Committees involved in:

#### Department level:

- M.Tech Projects Coordinator
- B.Tech Projects Co-Coordinator
- NAAC Co-coordinator
- NBA
- Syllabus Formation
- Projects Lab In charge

#### Institute Level:

- Open House Projects Reviewed
- IQAC Member

- Anti-Ragging Committee member

#### 4. Conference / Workshop / Seminar / Guest Lectures:

##### 4.1 Conducted:

- Programme Committee Member for ACM International Conference on Research in Adaptive and Convergent Systems (RACS 2015) Co-Sponsored by Google and Czech Technical University in Prague, Faculty of Electrical Engineering, Czech Republic to be held in month of October 2015.
- Technical Committee Member for ACM International Conference on Research in Adaptive and Convergent Systems (RACS 2015) Co-Sponsored by Google and Czech Technical University in Prague, Faculty of Electrical Engineering, Czech Republic to be held in month of October 2015.
- Organized Faculty Development Programme on Program Design using MAPCODE during 27th and 29th of May 2013 sponsored by TEQIP-II
- Organized Faculty Development Programme on Security & Privacy in Cloud Computing during 25th and 26th of March 2013 sponsored by TEQIP-II

##### 4.2 Attended:

###### Workshops and Seminars

- Attended “National Workshop on Cloud Computing”, Organized by CDAC, Bangalore on May 21, 2011.
- Attended a 5 Day Faculty Workshop on “Principles of Information Security” Conducted from June 20<sup>th</sup> –June 24<sup>th</sup>, 2011 at International Institute of Information Technology, Gachibowli, Hyderabad (IIIT-H).
- Attended a two day workshop on “Android Application Development” at IIT HYDERABAD from 27<sup>th</sup> -28<sup>th</sup> August 2011 Certified by ROBO Tech Labs CANADA

#### Conferences: Peer Reviewed International Conferences – Published by ACM (Citation Index: ACM DL, Scopus and Web of Science)

1. Vangipuram Radhakrishna, P. V. Kumar, and V. Janaki. 2016. **A Single Database Scan Approach for Mining Temporally Similar Association Patterns**. In *Proceedings of the Second International Conference on Information and Communication Technology for Competitive Strategies (ICTCS '16)*. ACM, New York, NY, USA, Article 77, 6 pages. DOI: <http://dx.doi.org/10.1145/2905055.2905287> , ISBN: 978-1-4503-3962-9
2. Vangipuram Radhakrishna, P. V. Kumar, and V. Janaki. 2016. **Mining Outlier Temporal Association Patterns**. In *Proceedings of the Second International Conference on Information and Communication Technology for Competitive Strategies (ICTCS '16)*. ACM, New York, NY, USA, Article 105, 6 pages. DOI: <http://dx.doi.org/10.1145/2905055.2905320> , ISBN: 978-1-4503-3962-9
3. Vangipuram Radhakrishna, P. V. Kumar, and V. Janaki. 2015. **A Novel Approach for Mining Similarity Profiled Temporal Association Patterns Using Venn Diagrams**. In *Proceedings of the International Conference on Engineering & MIS 2015 (ICEMIS '15)*. ACM, New York, NY, USA, Article 58, 9 pages. DOI: <http://dx.doi.org/10.1145/2832987.2833071> , ISBN: 978-1-4503-3962-9

4. V. Radhakrishna, P. V. Kumar, and V. Janaki. 2015. **A Temporal Pattern Mining Based Approach for Intrusion Detection Using Similarity Measure.** In *Proceedings of the The International Conference on Engineering & MIS 2015 (ICEMIS '15)*. ACM, New York, NY, USA, Article 64, 8 pages. DOI: <http://dx.doi.org/10.1145/2832987.2833077> , ISBN: 978-1-4503-3962-9

5. Vangipuram Radhakrishna, P. V. Kumar, and V. Janaki. 2015. **A Survey on Temporal Databases and Data mining.** In *Proceedings of the The International Conference on Engineering & MIS 2015 (ICEMIS '15)*. ACM, New York, NY, USA, Article 52, 6 pages. DOI: <http://dx.doi.org/10.1145/2832987.2833064> , ISBN: 978-1-4503-3962-9

6. Vangipuram Radhakrishna, P. V. Kumar, and V. Janaki. 2015. **An Approach for Mining Similarity Profiled Temporal Association Patterns Using Gaussian Based Dissimilarity Measure.** In *Proceedings of the International Conference on Engineering & MIS 2015 (ICEMIS '15)*. ACM, New York, NY, USA, Article 57, 6 pages. ISBN: 978-1-4503-3962-9  
DOI: <http://dx.doi.org/10.1145/2832987.2833069>

**Peer Reviewed International Conferences – Published by IEEE  
(Citation Index: Scopus and Web of Science)**

7. V. Radhakrishna, P. V. Kumar and V. Janaki, "**Mining of outlier temporal patterns,**" *2016 International Conference on Engineering & MIS (ICEMIS)*, Agadir, 2016, pp.1-6. doi: 10.1109/ICEMIS.2016.7745343, Electronic ISBN: 978-1-5090-5579-1

8. V. Radhakrishna, P. V. Kumar, V. Janaki and S. Aljawarneh, "**A similarity measure for outlier detection in time stamped temporal databases,**" *2016 International Conference on Engineering & MIS (ICEMIS)*, Agadir, 2016, pp. 1-5. doi: 10.1109/ICEMIS.2016.7745347 , Electronic ISBN: 978-1-5090-5579-1

9. S. Aljawarneh, V. Radhakrishna, P. V. Kumar and V. Janaki, "**A similarity measure for temporal pattern discovery in time series data generated by IoT,**" *2016 International Conference on Engineering & MIS (ICEMIS)*, Agadir, 2016, pp1-4. doi: 10.1109/ICEMIS.2016.7745355, Electronic ISBN: 978-1-5090-5579-1

10. V. Radhakrishna, P. V. Kumar and V. Janaki, "**A computationally optimal approach for extracting similar temporal patterns,**" *2016 International Conference on Engineering & MIS (ICEMIS)*, Agadir, 2016, pp.1-6. Doi: 10.1109/ICEMIS.2016.7745344 , Electronic ISBN: 978-1-5090-5579-1

11. V. Radhakrishna, P. V. Kumar and V. Janaki, "**Looking into the possibility of novel dissimilarity measure to discover similarity profiled temporal association patterns in IoT,**" *2016 International Conference on Engineering & MIS (ICEMIS)*, Agadir, 2016, pp.1-5. Doi: 10.1109/ICEMIS.2016.7745353 Electronic ISBN: 978-1-5090-5579-1

12. V. Radhakrishna, P. V. Kumar, V. Janaki and S. Aljawarneh, "**A computationally efficient approach for temporal pattern mining in IoT,**" *2016 International Conference on*

*Engineering & MIS (ICEMIS)*, Agadir, 2016, pp.1-4. doi: 10.1109/ICEMIS.2016.7745354  
Electronic ISBN: 978-1-5090-5579-1

13. V. Radhakrishna, P. V. Kumar and V. Janaki, "**A novel approach to discover similar temporal association patterns in a single database scan,**" *2015 IEEE International Conference on Computational Intelligence and Computing Research (ICCIC)*, Madurai, 2015, pp.1-8. doi: 10.1109/ICCIC.2015.7435809

**Peer Reviewed International Conferences – Published by SPRINGER  
(Indexed in Scopus and Web of Science)**

14. Vangipuram Radhakrishna, P. V. Kumar and V. Janaki, "**An approach for mining similar temporal association patterns in single database scan,**" *Proceedings of First International Conference on Information and Communication Technology for Intelligent Systems: Volume 2, Volume 51 of the series Smart Innovation, Systems and Technologies.* pp. 607-17.

15. V. Radhakrishna, P. V. Kumar, V. Janaki. **A Computationally Efficient Approach for Mining Similar Temporal Patterns**, 22nd International Conference on Soft Computing, June 8-10 Brno, Czech Republic

16. V. Radhakrishna, P. V. Kumar, V. Janaki. **Estimating Prevalence Bounds of Patterns to Discover Similar Temporal Association Patterns**, 22nd International Conference on Soft Computing, June 8-10 Brno, Czech Republic

17. Vangipuram Radhakrishna, P. V. Kumar, V. Janaki. "**Mining Outliers in Temporal Databases**", in ACM International Conference on Cyber Security and IT Governance, at the National IT Governance Awards, One of the India's Prestigious Security and Governance Conference and Awards - CY4 2016 on March 19, 2016 at Ahmedabad.

**Peer Reviewed International Conferences at National Level**

18. "**Optimal Pattern Search for database systems – A two way approach**", by Vangipuram Radhakrishna, Dr. P. V. Kumar, Dr. V. Janaki, Presented and Published in the proceedings of IEEE International Conference on Pattern Recognition, Informatics and Mobile Engineering (PRIME 2013), at Periyar University, Salem, during February 21-22, 2013. Pg 491-495. ISBN: 978-1-4673-5844-6, DOI: 10.1109/ICPRIME.2013.6496720.

19. "**Automating ETL Process Using Scripting Technology**", by V. Radhakrishna, V. Sravan Kiran, K. Ravikiran, Presented and Published in the proceedings of 3<sup>rd</sup> Nirma University IEEE International Conference on Engineering, held at Nirma University, Ahmedabad during Dec 6-8, 2012. ISBN: 978-1-4673-1720-7, DOI: 10.1109/ICPRIME.2013.6496720.

20. "**High Performance Pattern Search Algorithm Using three sliding windows**", V. Radhakrishna, C. Srinivas, Dr. C. V. Guru Rao, Presented and Published in the proceedings of 3<sup>rd</sup> Nirma University International Conference on Engineering, held at Nirma University, Ahmedabad during Dec 6-8, 2012. ISBN: 978-1-4673-1720-7, DOI: 10.1109/ICPRIME.2013.6496720.

21. **“Efficient Mining Temporal Associating Rules”**, by V.Radhakrishna, Dr.P.V. Kumar Presented and Published in the proceedings of International Conference On Emerging Trends in Electrical, Communication and Information Technologies ICECIT-2012, by Elsevier India , Organised by SRIT, Anantapur during December 21-23,2012.

**5. Academic Contribution and Research & Consultancy:**

5.1. Invited Lectures: - Nil -

5.2. Articles / Chapters published in Books: (Web of Science Indexed)

- A Chapter in the Springer Book Series entitled **“A Novel Similarity Measure for Clustering Customer Transactions Using Ternary Sequence Vector ”**, Artificial Intelligence Perspectives and Applications, Springer International, 2015.
- A Chapter in the Springer Book Series entitled **"An approach for mining similar temporal association patterns in single database scan**, *Volume 2, Volume 51 of the series Smart Innovation, Systems and Technologies*. pp. 607-17.
- A Chapter in the Springer Book Series entitled **“A Computationally Efficient Approach for Mining Similar Temporal Patterns**, Volume 576, *Advances in Intelligent systems and computing*, Springer International, 2017.
- A Chapter in the Springer Book Series entitled, **“Estimating Prevalence Bounds of Patterns to Discover Similar Temporal Association Patterns**, Volume 576, *Advances in Intelligent systems and computing*, Springer International, 2017.

5.3. Books published as single author or as editor:

- Communicated for Lambert Publishing House ( Presently in Editing Stage)

5.4. Projects Guided:

a) UG:

S.No	Title	Year
1	Database Design Tool	2012-13
2	Clustering Text Documents	2013-14
3	Clustering and Classification of High Dimensional Text Documents	2014-15
4	Similarity Profiled Temporal Pattern Mining	2015-16
5	Mining temporal patterns in time series databases	2016-17

b) PG:

S.No	M.Tech Project Title	Year
1	Secure Data Transmission Using Linear Congruencies and Association Rules	2015
2	Secure Data Migration	2011
3	Hand Off Management Unit for 4G Networks	2011
4	Web Based Relational DB Design tool to perform Normalization	2010

5.5. Research Interests:

- i. Area-1 : Temporal Databases, Data mining
- ii. Area-2 : Software Engineering – Data Mining Perspectives Based Research

iii. Area-3 : Analysis of Algorithms and their Applicability in Various Research Areas

5.6. PhD Students: - Not Applicable

a) Enrolled :

b) Submitted:

c) Awarded :

5.7. Papers published in reviewed Journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ ISSN No.	Impact Factor/ Citation Index	National/ International
1	SRIHASS - a similarity measure for discovery of hidden time profiled temporal associations	First Online : 21 <sup>st</sup> September 2017 pp 1–50	1573-7721	1.530	International
2	ASTRA - A Novel interest measure for unearthing latent temporal associations and trends through extending basic gaussian membership function	First Online : 06 <sup>th</sup> December 2017 pp 1–50	1573-7721	1.530	International
3	Optimising business intelligence results through strategic application of software process model	International Journal of Intelligent Enterprise 2017 Vol. 4 No. 1/2	1745-3240	0.68	International
4	GARUDA	The Journal of Supercomputing (ACCEPTED FOR PUBLICATION IN 2018)	0920-8542	1.326	International
5	A novel fuzzy similarity measure and prevalence estimation approach for similarity profiled temporal association pattern mining	Future Generation Computer Systems, Elsevier Available online: 14 March 2017	ISSN 0167-739X	JCR IF : 2.43 SCIE, Scopus , Web of science and Google Scholar	International
6	G-SPAMINE: An approach to discover temporal association patterns and trends in internet of things	Future Generation Computer Systems, Elsevier Available online: 17 <sup>th</sup> Jan, 2017	ISSN 0167-739X	JCR IF : 2.43 SCIE, Scopus , Web of science and Google Scholar	International

7	A novel fuzzy gaussian-based dissimilarity measure for discovering similarity temporal association patterns	Soft Computing, Springer, Available online: 16 <sup>th</sup> Nov, 2016	ISSN 1423-7643	JCR IF : 1.63 SCIE, Scopus , Web of science and Google Scholar	International
8	A Novel Similar Temporal System Call Pattern Mining for Efficient Intrusion Detection	Journal of Universal Computer Science, Vol. 22, Issue 4, pp. 475-93 April 2016	ISSN 0948-695X	JCR IF : 0.684 SCIE, Scopus , Web of science and Google Scholar	International (Austria)
9	Design and analysis of similarity measure for discovering similarity profiled temporal association patterns	IADIS International Journal on Computer Science and Information Systems, Vol. 12, Issue 1, pp.45-60 March 2017	ISSN 1646-3692	IF : 0.351 Web of science and Google Scholar	International (Portugal)
10	A dissimilarity measure for mining similar temporal association patterns	IADIS International Journal on Computer Science and Information Systems, Vol. 12, Issue 1, pp.126-42 March 2017	ISSN 1646-3692	IF : 0.351 Web of science and Google Scholar	International (Portugal)
11	Normal Distribution Based Similarity Profiled Temporal Association Pattern Mining	Database Systems Journal, Vol. 7, Issue 3, pp.22-33. January 2017	ISSN 2069-3230	Google Scholar	International (Romania)
12	An Efficient Approach to find Similar Temporal Association Patterns Performing Only Single Database Scan	Revista Tecnica De La Facultad De Ingenieria, Vol. 39, Issue 1 pp. 241-255 January 2016	ISSN 0254-0770	SJR IF : 0.1 Web of Science Scopus & SciELO	International (Venezuela)
13	A Novel Approach for Mining Similarity Profiled Temporal Association Patterns	Revista Tecnica De La Facultad De Ingenieria Vol. 38, Issue 3, pp. 80-93 December 2015	ISSN 0254-0770	SJR IF : 0.1 Web of Science Scopus & SciELO	International (Venezuela)
14	A Novel Gaussian Based Similarity Measure for	Revista Tecnica De La Facultad De Ingenieria, Vol.	ISSN 0254-0770	SJR IF : 0.1 Web of Science Scopus &	International (Venezuela)



	Clustering Customer Transactions Using Transaction Sequence Vector	38, Issue 1, pp. 241-255 April 2015		SciELO	
15	Software Component Clustering and Classification Using Novel Similarity Measure	Procedia Technology Vol.19, pp. 866-73	ISSN 2212-0173	Indexed by Science Direct SciVerse & Web of Science	B.V. Elsevier International Publishing 2015
16	Clustering Software Components for Program Restructuring and Component Reuse	Procedia Technology Journal, 2014 Volume 12, Pg :246-254	2212-0173	Indexed by Science Direct SciVerse & Thomson Reuters - ISI WoS	B.V. Elsevier International Publishing 2014
17	A Novel Similarity Measure for Clustering Customer Transactions Using Transaction Sequence Vector	Artificial Intelligence Perspectives and Applications, Springer International Publications	2194-5357	Thomson Reuters & Scopus , DBLP INDEXED	B.V. Elsevier International Publishing 2015

#### 5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Looking into the Possibility For Designing Normal Distribution Based Dissimilarity Measure to Discover Time Profiled Association Patterns	IEEE ICEMIS 2017 Tunisia	International	May 2017
2	Design and Analysis of a Novel Temporal Dissimilarity Measure Using Gaussian Membership function	IEEE ICEMIS 2017 Tunisia	International	May 2017

3	Extending the Gaussian Membership function for finding similarity between temporal patterns using standard score	IEEE ICEMIS 2017 Tunisia	International	May 2017
4	A computationally optimal approach for extracting similar temporal patterns doi:10.1109/ICEMIS.2016.7745344	2016 International Conference on Engineering & MIS (ICEMIS), Agadir, 2016, pp. 1-6.	International	Sept 2016
5	Mining of outlier temporal patterns doi:10.1109/ICEMIS.2016.7745343	2016 International Conference on Engineering & MIS (ICEMIS), Agadir, 2016, pp. 1-6.	International	Sept 2016
6	Estimating temporal pattern bounds using negative support computations doi: 10.1109/ICEMIS.2016.7745352	2016 International Conference on Engineering & MIS (ICEMIS), Agadir, 2016, pp. 1-4.	International	Sept 2016
7	A similarity measure for temporal pattern discovery in time series data generated by IoT	2016 International Conference on Engineering & MIS (ICEMIS), Agadir, 2016, pp. 1-4.	International	Sept 2016
8	A similarity measure for outlier detection in time stamped temporal databases doi: 10.1109/ICEMIS.2016.7745347	2016 International Conference on Engineering & MIS (ICEMIS), Agadir, 2016, pp. 1-5.	International	Sept 2016
9	A similarity measure for outlier detection in time stamped temporal databases	2016 International Conference on Engineering & MIS (ICEMIS), Agadir, 2016, pp. 1-5.	International	Sept 2016

10	A computationally efficient approach for temporal pattern mining in IoT doi:10.1109/ICEMIS.2016.7745354	2016 International Conference on Engineering & MIS (ICEMIS), Agadir, 2016, pp. 1-4.	International	Sept 2016
11	Design and Analysis of Novel Kernel Measure for Software Fault Localization	ICEMIS '15: Proceedings of the International Conference on Engineering & MIS 2015	International	Sept 2015
12	Secure Data Transmission Using MS-Extended 8-bit ASCII Character Set	ICEMIS '15: Proceedings of the International Conference on Engineering & MIS 2015	International	Sept 2015
13	A Temporal Pattern Mining Based Approach for Intrusion Detection Using Similarity Measure	ICEMIS '15: Proceedings of the International Conference on Engineering & MIS 2015	International	Sept 2015
14	A Novel Approach for Mining Similarity Profiled Temporal Association Patterns Using Venn Diagrams	ICEMIS '15: Proceedings of the International Conference on Engineering & MIS 2015	International	Sept 2015
15	An Approach for Mining Similarity Profiled Temporal Association Patterns Using Gaussian Based Dissimilarity Measure	ICEMIS '15: Proceedings of the International Conference on Engineering & MIS 2015	International	Sept 2015

16	A Survey on Temporal Databases and Data mining	ICEMIS '15: Proceedings of the International Conference on Engineering & MIS 2015	International	Sept 2015
17	A Single Database Scan Approach for Mining Temporally Similar Association Patterns	ICTCS '16: Second International Conference on Information and Communication Technology for Competitive Strategies	International	March 2016
18	Mining Outlier Temporal Association Patterns	ICTCS '16: Second International Conference on Information and Communication Technology for Competitive Strategies	International	Sept 2015
19	A Novel Similarity Measure for Clustering Customer Transactions Using Ternary Sequence Vector	4 <sup>th</sup> CSOC -2015 Computer Science Online Conference	Springer International Publications Indexed by Scopus, DBLP, Thomson Reuters ISI Proceedings	Apr 2015
20	A modified Gaussian similarity measure for clustering software components and documents	ISDOC 2014 - International Conference on Information Systems and Design of Communication, ISDOC 2014, Lisbon, Portugal, May 16-17, 2014. ACM 2014 ISBN 978-1-4503- 2713-8	ACM International Proceedings Series Indexed in ACM DL, DBLP, SCOPUS, Thomson Reuters	May 2015

21	Clustering Software Components for Component Reuse and Program Restructuring.	2013 The Second International Conference on Innovative Computing and Cloud Computing, ICCCC '13, Wuhan, China - December 01 - 02, 2013. ISBN 978-1-4503-2119-8	ACM International Proceedings Series Indexed in ACM DL, DBLP, SCOPUS, Thomson Reuters	Dec 2014
22	A novel approach to discover similar temporal association patterns in a single database scan	2015 IEEE International Conference on Computational Intelligence and Computing Research (ICCIC)	International	Dec 2015
23	A Computationally Efficient Approach for Mining Similar Temporal Patterns,	22nd International Conference on Soft Computing, June 8-10 Brno, Czech Republic	International	June 2016
24	Estimating Prevalence Bounds of Patterns to Discover Similar Temporal Association Patterns,	22nd International Conference on Soft Computing, June 8-10 Brno, Czech Republic	International	June 2016
25	Automating ETL process with scripting technology	2012 Nirma University International Conference on Engineering (NUiCONE)	International	Dec 2012

26	Optimal Pattern Search for Sequence Databases, Volume 2, Pg 654-658 DOI : 10.1109/ICACTE.2010.5579739	3rd IEEE International Conference on Advanced Computer theory and Engineering, Chengdu, China	International	Aug 2010
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5.9. Sponsored research Projects: - Nil-

5.10 Consultancy Projects: -Nil -

**6. Awards / Honors received:**

- Received ACM Senior Member Award , 2016
- Invitation Received and Served as Programme Committee Member, Technical Committee Member for ACM International Conference on Research in Adaptive and Convergent Systems (RACS 2015) Co-Sponsored by Google and Czech Technical University in Prague, Faculty of Electrical Engineering, Czech Republic to be held in month of October 2015.
- Invitation Received and Served as Program Committee Member, Technical Committee Member and Reviewer for ACM International Conference on Research in Adaptive and Convergent Systems (RACS 2014) held in October 3<sup>rd</sup> -5<sup>th</sup> 2014 at Boston, USA.
- Received Two Best Paper Awards for Papers Presented at International Conferences
- Session Chair for various International Conferences held by IEEE, ACM.

**7. Motto:**

- Preparing students towards success in the challenging environment.
- Work for self-satisfaction