KESHAV MEMORIAL INSTITUTE OF TECHNOLOGY
Narayanaguda, Hyderbad-500029

FACULTY PROFILE

photo

1. NAME   :Dr. Gorti V N K V Subbarao

2. JNTUH REGISTRATION ID   :0791-150410-131235

3. DATE OF BIRTH   : 26-07-1967

4. DESIGNATION   : Associate Professor

5. YEARS OF EXPERIENCE   : 31 years

6. UG DEGREE   : AMIE

7. PG DEGREE   : M.Tech

8. Ph.D(AREA OF THE PH.D WORK) : CSE- Network Security and Cryptography

9. SUBJECTS TAUGHT   :
   - C Programming and Data Structures.
   - C++ Programming.
   - Web Technologies.
   - E-Commerce.
   - Java Programming.
   - Computer Organization.
   - Information Technology and Numerical Methods.
   - C programming and Numerical Methods.
   - Computer Networks.
   - Database Management Systems
   - Management Information Systems.
   - Operating Systems.
   - OOAD using UML.
   - Middleware Technologies.
   - Information System
   - Network Security and Cryptography.
   - Design Patterns.
   - Ad Hoc Sensor and Networks.
   - Principles of Programming Languages.
   - Data Warehouse and Data Mining.
   - Software Engineering.

10. PAPER PUBLICATIONS IN INTERNATIONAL JOURNALS:

1) Gorti V.N.K.V.Subbarao, " Data Security in Bioinformatics" published in International journal of Advanced research in Computer Science and Software Engineering Vol 11 Issue 13 Nov 2013. IMPACT FACTOR 2.080.

2) Gorti V N K V Subba Rao, Dr.G.UMA " An Efficient Secure Message Transmission in Mobile Ad Hoc Networks using Enhanced Homomorphic Encryption Scheme", International Journal Global Journal of Computer Science and Technology ISSN 0975-4172 June,2013 Online version: 0975- 4350 ,Volume 13 Issue 9 Version 1.0. Open Association of Research, Society (USA) Established in 2001 (15 years old Journal).

3) Gorti VNKV Subba Rao,Dr.Garimella Uma, Dr.N.Divya,Principal Nalla Malla Reddy Engineering College, " An Efficient IND-CCA Homomorphic CryptoSystem" in International Journal " Journal of Current Computer Science and Technology" ,ISSN 2231-5411,Vol 3, No 4, April, 2013. – INDEX COPERNICUS VALUE : 5.09.

4) Gorti V N K V Subba Rao, " Secured data comparison in Bioinformatics using Homomorphic

1,September 2009 Pages 72-76. Open Association of Research, Society (USA) Established in 2001. (15 years old Journal).

5) Dr.Allam Appa Rao, Dr.Manga Thayaru,G V N K V Subba Rao," Analysis of Resistin Protein Involved in Diabetes Associated with obesity using Homomorphic Encryption " International Journal on Computer Engineering and Information Technology (IJCEIT) ISSN 0974-2034, Spring Edition 2009 Edition.   OPEN ACCESS JOURNAL.

6) Gorti V N K V Subba Rao, " Privacy homomorphism in Mobile Ad hoc Networks " in an International Journal of Research and Reviews in Computer Science (IJRRCS) ISSN: 2079- 2557,Vol 2 No.1, P 56, March-2011.

7) T.Srujini, GVNKV Subba Rao, Sree Dattha Institute of Engineering and Science, Sheriguda, AP, India " A NOVEL TEXT MINING TECHNIQUE FOR DISCOVERING PATTERNS" published in International Journal of Computer Engineering & Applications, Vol. IV, Issue I/III, Oct. Dec. – 2013 ISSN 2321-3469. IF 2.8.

8) M.Sruthi,GVNKV SUBBA RAO, Sree Dattha Institute of Engineering and Science, Sheriguda, AP, India " Handwritten Chinese Text Recognition by Integrating Multiple Contexts" in an International Journal of Computer Science and Technology (IJCST) Vol. 4, Issue 4, Oct - Dec 2013, ISSN : 0976-8491 (Online) | ISSN : 2229-4333 (Print) – GLOBAL IMPACT FACTOR 0.478.

9) V.Sravan Kumar,G.V K K V Subba Rao, Sree Dattha Institute of Engineering and Science, Sheriguda, AP, India NABI : Novel and effective bounded index for clustering algorithms" in an International Journal of Scientific Engineering and Technology Research,Vol 02,Issue 07,July 2013,pages 494-498,ISSN 2319-8885.- IMPACT FACTOR : 1.424.

10) D.Prathibha, GVNKV Subba Rao,Sree Dattha Institute of Engineering and Science, Sheriguda, AP, India " Slicing: A New Approach to Privacy Preserving Data Publishing" in an International Journal of Computer Science and Technology (IJCST) Vol. 4, Issue 3, July - Sept 2013 ISSN : 0976-8491 (Online) ISSN : 2229-4333 (Print). – Global Impact factor 0.478.

11) V.Rajesh,GVNKV Subba Rao,Sree Dattha Institute of Engineering and Science, Sheriguda, AP, India " MPAC: An Efficient Model and Mechanisms for OSN" in an International Journal of Computer Science and Technology (IJCST) IJCST Vol. 4, Iss ue 4, Oct - Dec 2013 ISSN : 0976- 8491 (Online) ISSN : 2229-4333 (Print). – Global Impact factor 0.478.

12) Mannana Sujatha, GVNKV Subba Rao,Sree Dattha Institute of Engineering and Science, Sheriguda, AP, India " Ensuring Distributed Accountability for Data Sharing in the Cloud" in an International Journal of Computer Science and Technology (IJCST) Vol. 4, Issue 3, July - Sept 2013 ISSN : 0976-8491 (Online) ISSN : 2229-4333 (Print). – Global Impact factor 0.478.

13) P.P.Divya Kumar,ee Dattha Institute of Engineering and Science, Sheriguda, AP, India " Online Modeling of Proactive Moderation System for Auction Fraud Detection" in an International Journal of Computer Science and Technology (IJCST) Vol. 4, Iss ue 4, Oct - Dec 2013, ISSN : 0976-8491 (Online) ISSN : 2229-4333 (Print). – Global Impact factor 0.478.

14) B.Lavakumar,Rao,Sree Dattha Institute of Engineering and Science, Sheriguda, AP, India " RMTF: Personalized Image Search from Photo Sharing Websites" in an International Journal of Computer Science and Technology (IJCST) Vol. 4, Iss ue 4, Oct - Dec 2013ISSN : 0976-8491 (Online) ISSN : 2229-4333 (Print). – Global Impact factor 0.478

15) Badiga Neeraja,GNKV Subba Rao,Sree Dattha Institute of Engineering and Science, Sheriguda, AP, India " Confucius: A Tool Supporting Collaborative Scientific Workflow Composition" in an International Journal of Computer Science and Technology (IJCST) Vol. 4, Iss ue 4, Oct - Dec 2013 ISSN : 0976-8491 (Online) ISSN : 2229-4333 (Print). – Global Impact factor 0.478

16) Nagilla Rajalaxmi,GNKV Subba Rao,Sree Dattha Institute of Engineering and Science, Sheriguda, AP, India " An Efficient Caching Scheme and Consistency Maintenance in Hybrid P2P System" in an International Journal of Computer Science and Technology (IJCST) Vol. 4, Iss ue 4, Oct - Dec 2013 ISSN : 0976-8491 (Online) ISSN : 2229-4333 (Print). – Global Impact factor 0.478

17) NazeemaShaik, GNKV Subba Rao,Sree Dattha Institute of Engineering and Science, Sheriguda, AP, India " Packet-Hiding Methods for Preventing Selective Jamming Attacks" in an International Journal of Computer Science and Technology (IJCST) Vol. 4, Iss ue 4, Oct - Dec 2013 ISSN : 0976-8491 (Online) ISSN : 2229-4333 (Print). – Global Impact factor 0.478

18) Kanduri Swathi, GNKV Subba Rao,Sree Dattha Institute of Engineering and Science, Sheriguda,

AP, India " Study and Analysis of Multi – Viewpoint Clustering With Similarity Measures" in an International Journal of Computer Science and Technology (IJCST) Vol. 4, Iss ue 4, Oct - Dec 2013 ISSN : 0976-8491 (Online) ISSN : 2229-4333 (Print). – Global Impact factor 0.478

19) Dudipala Swetha, GNKV Subba Rao,Sree Dattha Institute of Engineering and Science, Sheriguda, AP, India " Handling MANET Attacks using Risk Aware Response Mechanism With Extended D- S Theory" in an International Journal of Computer Science and Technology (IJCST) Vol. 4, Iss ue 4, Oct - Dec 2013 ISSN : 0976-8491 (Online) ISSN : 2229-4333 (Print). – Global Impact factor 0.478

20) Aishwarya Kabde, GVNKV Subba Rao,Sree Dattha Institute of Engineering and Science, Sheriguda, AP, India " Proficient Sharing of Files on Inconsistent storage" in an International Journal of Revies on Recent Electronics and Computer Science (IJRRECS) Vol. 2, Issue 9, September 2014 ISSN : 3216-3221 (Online) ISSN : 2321-5461 (Print).

21) Srikiran Gandia, GVNKV Subba Rao,Sree Dattha Institute of Engineering and Science, Sheriguda, AP, India " Efficient way out for Distributed Storage in Cloud Systems" in an International Journal of Revies on Recent Electronics and Computer Science (IJRRECS) Vol. 2, Issue 9, September 2014 ISSN : 3216-3221 (Online) ISSN : 2321-5461 (Print).

22) .B.Pavan Kumar, Gorti VNKV Subbarao Sree Dattha Institutions, Hyderabad .TS, India " Secured Multi-owner Data Sharing for Dynamic Groups in the Cloud" in an International Journal for Research in Applied Science and Engineering Technology (IJRASET)/July/157.ISSN No :: 2321- 9653.

23) Ch. Asha Jyothi, G. Narsimha, J. Prathap & Gorti Vnkv Subba Rao
JNTUH College of Engineering Jagtial, India " Two-Party Threshold Key Agreement Protocol for Manets using Pairings" in an international journal Global Journal of Computer Science and Technology: Network, Web & Security. Volume 15 Issue 4 Version 1.0 Year 2015. Type: Double Blind Peer Reviewed International Research Journal Publisher: Global Journals Inc. (USA) Online ISSN: 0975-4172 & Print ISSN: 0975-4350. Open Association of Research, Society (USA) Established in 2001 (15 years old Journal).

24) Gorti V N K V Subba Rao, " Detecting Spam Zombies ", International Journal of Engineering Inventions e-ISSN: 2278-7461, p-ISSN: 2319-6491 Volume 2, Issue 11 [Jul. 2013] PP: 67-72,

25) Gorti V N K V Subba Rao. " Flexible and Scalable Access Control Set Based Encryption in Cloud Computing (FSC)" International Journal of Engineering Inventions e-ISSN: 2278-7461, p-ISSN: 2319-6491 Volume 4, Issue 6 [Nov. 2014] PP: 76-81.

26) Gorti V N K V Subba Rao."   Case Study on Data Mining Application in Health Care Monitoring Systems" Research Inventy: International Journal of Engineering And Science Vol.6, Issue 5 (May 2016), PP -79-82 Issn (e): 2278-4721, Issn (p):2319-6483, www.researchinventy.com.

27) Gorti V N K V Subba Rao " Sustaining Solitude Security within Adapted Web Hunt " Research Inventy: International Journal of Engineering And Science Vol.6, Issue 5 (May 2016), PP -88-91 Issn (e): 2278-4721, Issn (p):2319-6483, www.researchinventy.com .

28) Gorti V N K V Subba Rao ." Frequent Temporal Patterns Mining With Relative Intervals" International Journal of Engineering Inventions e-ISSN: 2278-7461, p-ISSN: 2319-6491 Volume 4, Issue 6 [Nov. 2014] PP: 56-59.

29) Gorti V N K V Subba Rao ." Advanced Sharing Reliable Data in the Cloud for the Multi User Group" International Journal of Engineering Inventions e-ISSN: 2278-7461, p-ISSN: 2319-6491 Volume 5, Issue 2 [Dec 2015] PP: 27-31.

30)   Gorti V N K V Subba Rao ." Hace Theorem based Data Mining using Big Data" Research Inventy: International Journal of Engineering And ScienceVol.6, Issue 5 (May 2016), PP -83- 87Issn (e): 2278-4721, Issn (p):2319-6483, www.researchinventy.com.

31) Gorti V N K V Subba Rao Activity Based Secure Login Mechanism" Research Inventy: International Journal of Engineering And ScienceVol.6, Issue 5 (May 2016), PP -92-95 Issn (e): 2278-4721, Issn (p):2319-6483,

11.   PAPER PUBLICATIONS IN INTERNATIONAL CONFERENCES:

1)   Dr.G. Uma, Gorti V N K V Subba Rao, " Role of Homomorphic Encryption Schemes in Wireless Sensor Networks " In an International Conference CCSB-2009 held at Andhra University-Vizag on 16-17th Feb,2009.

2) Gorti V N K V Subba Rao , " Application of Homomorphic Encryption Schemes in various fields" in proceedings of a National Conference at Chaitanya Engg Colleg,vizag - 2008.

3) Gorti V N K V Subba Rao,Rajasree, " Role of Homomorphic Encryption Schemes in Neural Networks " in proceedings of an International Conference CCSB-2009 held at Andhra University-Vizag on 2009.

4) Gorti V N K V Subba Rao , Madan kumar " Discovering the Significance of ICT Exclusively in Education and Research" in a National Conference ConfER 2008 at VIT,Chennai.

5) GORTI V N K V Subba Rao,Dr.Garimella Uma,Dr.N.Manga Thayaru, " A *Survey on C*loud Computing with Homomorphic Cryptosystems" NCETIT- 2013 - 29TH & 30th March 2013 Department Of Information Technology. GIT, GITAM UNIVERSITY,Vizag.

INTERNATIONAL JOURNAL (ACCEPTED): - 7

1) Dr.G. Uma, Gorti V N K V Subba Rao, " Secured data comparison in Bioinformatics using Homomorphic encryption scheme", accepted in an International journal of Bioinformatics ,ISSN: 0974-6439,July 17, 2009..IF : 4.328 (2008)

2) G V N K V Subba Rao," Secured data comparison in Bioinformatics using HES ", accepted in an International Journal of Computational Intelligence in Bioinformatics, *ISSN: 0974-8695,* Aug 26,2009.

3) Dr.G.Uma, Gorti V N K V Subba Rao," Enhancements in HES" accepted in an International Journal of Computer Science Issues (IJCSI), Aug 16,2009. IF 0.3418,

4) G V N K V Subba Rao, " Enhancements in Homomorphic Encryption Schemes " accepted in International Journal on Computer Engineering and Information Technology (IJCEIT) Nov, 2009 Edition .

5) Dr.G. Uma, Gorti V N K V Subba Rao, " An efficient Homomorphic Cryptosystem for Bio Health Care systems", accepted in an International Journal of Computer Technology & Research (IJCTR), ISSN 2319-8184, Volume No 1,Issue No 3, FEB 04, 2013.

6) G VNKV Subba Rao,Dr.Garimella Uma,Dr.N.Divya, " An Enhanced Homomorphic CryptoSystem" International journal Advances in Wireless and Mobile Communications (AWMC). ISSN 0973-6972, Paper Code:19479,March,2013.- Established in 1998.

7) G V N K V Subba Rao,Dr.G.UMA " An Efficient Secure Message Transmission in Mobile Ad Hoc Networks using Enhanced Homomorphic Encryption Scheme", International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE) [Impact Factor: 2.080] ISSN(Online): 2277 128X ISSN(Print): 2277 6451 *Volume 3 Issue 6 publishes in June 2013* - IMPACT FACTOR : 2.080.

12. PAPER PUBLICATIONS IN NATIONAL CONFERENCES:

1. Gorti V N K V Subba Rao , " Application of Homomorphic Encryption Schemes in various fields" in proceedings of a National Conference at Chaitanya Engg Colleg,vizag - 2008.

13. RESEARCH PROJECTS UNDERTAKEN WITH NAME OF THE SPONSORING AGENCY:

Sl. No.	Title	Agency	Period	Grant Amount (in Rs Lakhs)
1	HOTEL MANAGE MENT SYSTEM	**CODEKI NDLE**	**2013-2014**	**1.10L**

2	TRAVEL PACKAGE	**SRI RAMAK RISHNA TRAVEL S**	**2014-2015**	**1.80L**
3	SMART TRACKE R	**ORANGE RESEAR CH LABS**	**2015-2016**	**2.5L**
4	POLICY RECOMM ENDATIO N SYSTEM BASED ON AADHAR CARD	**CODEKI NDLE**	**2015-2016**	**2.75L**
1	CONTEN T DEVELO PMENT	**PYRAMI D SOLUTI ONS**	**2013-2014**	**1.20L**
2	PROJECT DEVELO PMENT(3 RD PARTY OUTSOU RCING)	**ORANGE RESEAR CH LABS**	**2014-2015**	**2.5L**
3	CONTEN T DEVELO PMENT	**SRS TECHNO LOGIES**	**2015-2016**	**2.25L**
4	DESIGN, DEVELO PMENT & MAINTE NANCE	**MAHAD WEEP PHARMA**	**2015-2016**	**3.00L**

14. RESEARCH GUIDANCE:

1. **Guidance for M.Tech and B.Tech students and Faculty members.**

15. CONTRIBUTIONS AT THE DEPARTMENTAL LEVEL:

1. Coordinator – NBA CSE and IT Departments and NAAC and UGC Files preparation.
2 Handling Online classes (Data structures) for 2 yr CSE Students for all sections.

16. CONTRIBUTIONS AT THE COLLEGE LEVEL:

1. **Training the CSE and IT Faculty in implementing Best Teaching and Learning Process by conducting Demos continuously.**
2. **Coordinator – NBA CSE and IT and ARIIA (Atal Ranking)**
3. **Handling Pre Finishing School (Data structures) Online classes for 3 yr students of ECE and EIE.**

17. REFRESHER COURSES/ WORKSHOPS/CONFERENCES ATTENDED:

	Attended:			
	Name of the Course / Summer School	Place	Duration	Sponsoring Agency
1	Nueral Networks and Deep Learning	Online	4 Weeks	Coursera
2	Structuring the ML projects	Online	4 Weeks	Coursera
3	Introduction of Data Science with Python	Online	4 Weeks	Coursera
4	.Data Structures	Online	4 Weeks	Coursera
5	.Understanding and Visualizing Data with Python	Online	4 Weeks	Coursera
6	Inferential Statistical Analysis with Python	Online	4 Weeks	Coursera
7	.Fitting Statistical Models to Data with Python	Online	4 Weeks	Coursera

18. WORKSHOPS/ CONFERENCES/SEMINARS/FDP's ORGANIZED:

WORKSHOPS/ CONFERENCES/SEMINARS/FDP	Place	Duration	Sponsoring Agency
Technical communication and Paper publication Steps.	NGIT Hyd	2 Days	KMIT
Workshop on DBMS	Tirupathi	2 Days	Chadalawada Venkata subbayya Engg college
Workshop on JAVA	Tirupathi	2 Days	Chadalawada Venkata subbayya Engg colloege

19. MEMBERSHIP OF PROFESSIONAL BODIES: **Member OF CSI and ARIIA**

20. ANY OTHER CONTRIBUTION:

1. Conducted FDP for KMIT Faculty nearly 40 Faculty for 4 months to improve their Teaching Learning capabilities.
2. Conducted NBA Files preparation Workshop for CSE and IT Faculty,