

Faculty Profile

- 1.Name of the Faculty : Dr.I.SHAHANAZ BEGUM
- 2.Department and Designation :IT/CSE, Asst.Professor
- 3.Date of Joining :November 2009
- 4.Faculty ID:TF0142
5. E-mail Address :shasmile23@gmail.com
6. Date of Birth :16th August 1963
7. Qualification : B.E(EEE), ME(CSE), PhD(ICE)
- 8.Specialization :Web application security
9. Professional Experience:



- ❑ Assistant Professor (2009 to till date) Department of CSE/IT of University College of Engineering, BIT Campus, Anna University, Trichy-24.
- ❑ Lecturer (2007 to 2009) Department of CSE/IT of University College of Engineering at BIT Campus, Anna University, Trichy-24
- ❑ Assistant Professor (2005 to 2007) at MIET, Mathur, Trichy.
- ❑ E&T Executive (1997 and 1998) at BITECH, Chennai and then in Tiruchirappalli-24.
- ❑ Assistant Professor (1996 to 1997) at St.Joseph's college of engineering, Chennai. Lecturer (1995 to 1996) St.Joseph's college of engineering, Chennai.
- Lecturer 1992-1993 at PSG College of Technology, Coimbatore

- Lecturer (1990 and 1992) at Mookambigai College of Engineering, Keeranur
Research Assistant (1986 to 1990) at Regional Engineering College, Tiruchirappalli.

10. Research Guidance: Guided UG and PG Projects

11. Awards and Honours :

12. Sponsored Projects:

13. Patents:

14. Publications

(i) Internationally Refereed Journals : (along with Impact Factor)

TITLE OF THE PAPER	AUTHORS	NAME OF THE PUBLISHER	VOLUME, ISSUE NO & PAGE NO	IMPACT FACTOR	ISBN/ISSN and Digital Object Identifier(DOI)
Clustered Solaris Zones on Shared Storage for High availability	Faizul Hussain.A, Shahanaz Begum.I	International of Research in Information Technology	Vol.2, Issue.4, Pg:942-952, April 2014	IF:1.738	ISSN 2001-5569
Secure IDS: Web Content Attestation and Trusted Computing against Web Vulnerabilities	Shahanaz Begum. I & Geetharamani. G	Australian journal of basic and Applied Sciences	vol. 9, no. 2, pp. 193-203,2015		ISSN:1991-8178(Annexure II)
A container	Shahanaz	Journal	vol. 9, no. 6,	H index	ISSN:19

based IDS to Automatically Trace the Web application related attacks	Begum. I & Geetharamani. G	of Advances in Natural and Applied Sciences	pp. 59-65.2015 ISSN: 1995-0772 (Annexure II).	16	95-0772, 2015
Automated Testing for Vulnerabilities reduction in Preventing Structured Query Language Injection, Cross site Scripting and Request Forgery	Shahanaz Begum.I & Geetharamani. G	International Journal of Scientific Research	vol. 5, no. 11 pp. 63-66 Journal DOI: 10.15373 / 2277817 9, IC: 69.48.	IF:4.176	ISSN:22 77-8179 2016
DDoS Attack detection and Prevention in Private Cloud Environment	Shahanaz Begum. I & Geetharamani. G	International Journal of Innovations in Engineering and Technology	vol. 7, no. 3, pp. 527- 531,Oct 2016	IF: .672	ISSN:23 19-1058
TRIDE Model to Evaluate the Security Mechanisms for Mitigating WebService Attacks	Shahanaz Begum.I & Geetharamani. G	International Journal of Scientific Research	vol.6, no.3, pp. 571-573, IF:4.176, IC: 78.46, DOI: 10.15373 / 2249555 X. March 2017	IF:4.176	ISSN:22 77-8179

(ii) National Journals:

(iii) International Conferences

Title of the Paper	Author list	Name of the Publisher	Year, Volume, Pages	Presented/Attended Published	ISBN/ISSN/ EISSN and DOI
A Semantic approach for provding privacy in user search log using zealous algorithm	Miss.Suganthi, Ms.Shanaz begum.I	Srinivasan Engg College- ICSEM '14	March 2014	Published	
Object collision avoidance with train using Android kit(OAK)	Mr.Balaji, Ms.Shanaz begum.I	AVS Engg College TITCON ' 2014	2014	Published	
An intellectual approach for providing secure environment in real world web application	I.Shanaz begum, Dr.G.Geetharamani, Miss.R.Priyadarshini	E.G.S Pillay Engg college, Nagapattinam	Vol.5, pp:175-179 April 2013	Presented	ISBN: 978-1-4673-4948-2
An identity based security system for user privacy using biometric signature scheme	Ms.I.Shanaz begum, Mr.R.Rajasekar	E.G.S Pillay Engg college	March 27 th and 28 th 2011	Published	
Providing security wireless sensor networks by identifying and	Miss.Asha Joshi, Ms.I.Shanaz begum	MGR University, Chennai	April 2012	Published	

preventing malicious nodes					
Reputation based Collaborative intrusion detection systems	Miss.R.K.Ambika, S.U.Muthunagai, Ms.I.Shanaz begum	Coimbatore institute of Information Technology-	12th and 13 th April ICCCE 2012	Published	ISBN 978-1-4672248-9

(iv) National Conferences

Title of the Paper	Authors list	Name of the Publisher	Year, volume, pages	Presented /Published /Attended
A Model proposed for handling DDoS Attack in Web Application Environment	Shahanaz Begum I, Geetharamani G	TEQIP II Sponsored 2-days Interdisciplinary National Conference on Computational Intelligence and Fuzzy System, NCCIFS 2015	2015	Presented at BIT Campus, Anna University, Tiruchirappalli-24
CRA-Secure Interparty authentication in SOA	Shahanaz Begum I, Geetharamani G & Dhamodharan N	DSTE Sponsored National Conference on Intelligent Computing (NCIC-2015)	pp. 173-179	Presented at Pondicherry Engineering College, Puducherry
Optimized technique to combat Sql injection attack	I.Shanaz begum Dr.G.Geetharamani, J.Mohsin	Model Engineering College,Thrakkakara, Cochin, NCEVES-2014	2014	Presented
Secure Routing Protocol for checking link stability and minimizing energy consumption in mobile adhoc networks	E.Stephen Isaac, I.Shanaz begum	Kongunadu college of engineering and technology, Thottiam, NCICCT	2013	Published
A Novel protocol with optimized power consumption and	G.Srinivasan, I.Shanaz begum	Thiagrajar college of Engineering, Madurai	March 2011	Published

security in VANETs				
Node Topology creation using maintenance and Hybrid optimization technique	Pandidurai I.Shahanaz begum	Anna University, Tiruchirappalli-24	ICOM-2010, 557-566	Published

(V) Books Published with ISBN number/ISSN number

14. CONFERENCES/WORKSHOPS/SEMINAR/ SHORT TERM REFRESHER COURSE ATTENDED

1	STG, Chennai	A Course on "Oracle 7.1 with Developer 2000(Forms 4.5 and Reports 2.5)	2 weeks programme completed on 20 th January 1997
2	Mepco Schlenk Engineering college, Sivakasi	FDP on TCP/IP Socket Programming	21 st November to 3 rd December 2005
3	Kongu engineering college, Perundurai, Erode-638052	AICTE Sponsored seminar on "Secured routing in mobile adhoc networks"	27 th to 29 th September 2006
4	Anna University, Tiruchirappalli-24	Workshop on Research Methodologies	27 th and 28 th July 2007
5	Anna University, Tiruchirappalli-24	Orientation Programme on NS2 Network Simulator	April 4 th and 6 th in 2008
6	Anna University, Tiruchirappalli-24	Two days workshop on "Middleware Technologies"	24 th and 25 th July 2010
7	CIT, Coimbatore	2-days workshop on Distributed Models	3 rd and 4 th September
8	Anna University,Trichy	One day Workshop on Teaching Methodologies	5 th March 2011(1 day)
9	Anna University,Trichy	CSIR Sponsored 2-day National Seminar on Computational Optimization and Simulation	20 th and 21 st April 2011(2 days)
10	PSG College of Technology, Coimbatore	2 days workshop on Ethical Hacking and Cyber security	1-7-2011 to 2-7-2011(2 days)
11	SVS College of Engg, Coimbatore	One day workshop on Hands on Training in NS-2	September 17 th ,2011
12	AMRITA University,Kerala	International Conference on	18 th to 21 st Dec

		Wireless Technologies for Humanitarian Relief Participated	2011(4 days)
13	SRM University,Kattankulathur-603203	One day Workshop on Adhoc and Sensor Networks	28 th March 2012
14	NITT	MHRD sponsored workshop - Two-week ISTE Workshop on Introduction to Research Methodologies	25 th June to 4 th July 2012(10 days)
15	Anna University,Chennai	2-days workshop on Research Scope in Machine Learning	30 th and 31 st August 2012
16	New Horizon College of Engg,Bangalore	National workshop on Computational Intelligence	9 th and 10 th Nov 2012
17	SETS,Chennai	National workshop on Elliptic Curve Cryptography	23 rd and 24 th January 2013
18	Anna University of Technology, Trichy	One day National Level seminar on "Strategic Teaching quality management for technical teachers	16 th march 2013
19	VIT, Chennai	1-day workshop on Web Application Security	April 20 th 2013
20	Prathyusha institute of	FDP on web services and	15 th may to 28 th may

	Technology and mgmt, CHENNAI	applications –AICTE Sponsored	2013
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21	Anna University, BIT Campus, Trichy	TEQIP II Sponsored FDP ON Research perception on emerging Areas of Computer Science	5-8-2013 to 11-8-2013
22	IIT Madras	TEQIP II Sponsored FDP on Teaching Learning Methodologies , organized by Teaching learning centre	During 16 th October to 18 th October 2013
23	Anna University, BIT Campus, Trichy	TEQIP II sponsored workshop on Security in web Application	On 26 th and 27 th October 2013
24	Gayatrividya parishad college of engg, Vizag	2-week AICTE Sponsored FDP on Neural networks, fuzzy systems and their applications to electrical engg	4 th to 16 th November 2013
25	Anna University, BIT Campus, Trichirappalli-24	TEQIP II Sponsored FDP ON Challenges and Issues in Multimedia Mining CIMM 13	2-12-2013 to 8- 12-2013

26	Anna University, BIT Campus, Trichirappalli-24	NITTTR Sponsored FDP on Smart teaching for the NET Generation(basic and advanced pedagogy)	9-12-2013 to 23- 12-2013
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27	Engineering Staff College of India, Hyderabad	Quality initiatives in Technical and Higher Educational Institutions	8th to 10th October 2014
28	IEEE Computer Society, Madras Chapter CSI, Education Directorate, Chennai	Programme on "Mobile Security"	2 nd December 2014
29	TIFAC- CORE in Cyber Security, Amrita Vishwa Vidyapeetham, Amritanagar, Coimbatore-641112	2 day workshop on "Android Security "	18 th and 19 th December 2014
30	Thiagarajar College of Engineering (A Govt Aided ISO 9001:2008 Certified Autonomous Institution Affiliated to Anna University), Madurai-625015	TEQIP Sponsored IEEE Faculty Development Programme on " Machine Learning and Internet of Things"	During 8 th may 2015 to 9 th may 2015
31	Anna University, BIT Campus, Ti ruchirappalli-24.	TEQIP II Sponsored 14 days FDP on "Hands on Cloud and Big Data Analytics"	During 12 th may to 25 th may 2015
32	Anna University, BIT Campus, Tiruchirappalli-24	TEQIP II Sponsored workshop on "Probability and Random Processes"	During 5 th and 6 th march 2016
33	Anna University, BIT Campus, Tiruchirappalli-24	TEQIP II Sponsored 2 days industrial workshop on " Business Analytics using R"	On 2 nd and 3 rd September 2016
34	Anna University, BIT Campus, Tiruchirappalli-24	TEQIP II Sponsored two days National level seminar on " Cloud Computing:A Hands on Approach"	September 15 th and 16 th 2016
35	Velammal Institute of Technology, Chennai	Faculty Enablement Program on "Foundation Program 5.0" conducted by Infosys limited, Awarded A Grade	24 th to 28 th April 2017
36	M.A.M College of Engineering and Technology,Department of CSE & IT	One day workshop on FOSS	May 5 th 2017
37	UCE, BIT Campus, Anna University, Tiruchirappalli-24	"IoT and Android App Development using MATLAB/Simulink"	22 nd July 2017

38	Centre for Technology development and Transfer , Anna University, Chennai	Scope for R & D Projects and Proposal preparation	12 th May 2017
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15. CONFERENCES/WORKSHOPS/SEMINAR ORGANISED

S.No	Host Institution	Topic	Period
1	Anna University, Trichy	1-day Workshop on SOA and Enterprise Computing(2 days it was repeated as the participants count exceeded 500)	26th and 27th February 2011
2	Anna University, Trichy	One day national seminar on “Data mining in Network Security Challenges and Opportunities- A research Perspective”	23rd February 2013
3	Anna University, Tiruchirappalli-24.	TEQIP II Sponsored 2 day seminar on “Enterprise Computing”	19th and 20th October 2013
4	BIT Campus, Anna University, Tiruchirappalli-24	TEQIP II Sponsored 2 week FDP on “Trends in GRID, Cloud and High performance Computing”	20th June to 3rd July 2016
5	BIT Campus, Anna University, Tiruchirappalli-24	TEQIP II Sponsored 2 day workshop on Mobile Application Development	17th February and 18th February 2016
6	University College of Engineering, BIT Campus, Anna University, Tiruchirappalli-24	Scientific Programming with Python	31st October 2017, Self Generated Funds

16. Other contribution (if any)

1	Anna University, Tiruchirappalli-24	<u>XML Technologies</u> In the workshop on SOA and Enterprise Computing organized by the	26th and 27th of February 2011	Approximately 500 participants(UG and PG Students and faculty members from various institutions)
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		Prof.D.Venkatesan and Ms.I.Shanaz begum		
2	Anna University, BIT Campus, Tiruchirappalli-24	Topic:Network Security Tools In the one day National Seminar on “Data Mining in Network security- Challenges and Opportunities-A Research perspective” organized by I.Shanaz begum and D.Asir Antony Gnanasingh	23rd February 2013	Nearly 220 students participated
3	Anna University, BIT Campus, Tiruchirappalli-24	Topic:Mobile Computing Introduction In the 2-day workshop “Mobile application development” Organized by I.Shanaz begum and Jaison	17th and 18th February 2016	UG and PG Students and faculty members participated

Involved in Department administrative activities such as the following

- ☐ I acted as Class Coordinator for UG classes(for 3 years in coordinating the academic activities of batch 2007-2011) for ME(SE) (2 semesters for 3 different batches- 2011,2012,2013 Completed)
- ☐ I Acted as Exam Coordinator for Internal Test Conduction during the year 2009 to 2010
- ☐ I have been acting as Department Library activities Coordinator since 2012 to 2016
- ☐ I have been offering my services as Programme Coordinator for NBA for the Information Technology Programme since 2012.
- ☐ I have been offering my services as external Examiner for Laboratory and Project Viva Voce Examinations and as Internal Examiner in Paper Evaluations(Central board).

- ☐ I have been offering my services as chair-person in class committee meetings.
- ☐ I handled part-time classes for BE(CSE) and ME(CSE) Programmes
- ☐ I have obtained CSI and ISTE Life Membership

Signature

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