

## Teacher Profile

1. Name : Mr. Chetan Jayprakash Awati.
2. Address : Flat No. 202, Shreeman Heights, Jagdale Colony,  
Near Pratibha Nagar, Kolhapur- 416008  
Kolhapur.
3. Email\_ID : chetan.awati@gmail.com
4. Date of birth : 4<sup>th</sup> July 1981
5. Degrees Obtained : M. Tech (Computer Science & Technology)
6. Contact No. : 9850695437

### 7. Educational Qualifications

University	Degree	Year	Field of specialization	Marks Obtained
SSC Board, Kolhapur	S.S.C.	1996	-	86 %
HSC Board, Kolhapur	H.S.C.	1998	-	76.83 %
Shivaji University, Kolhapur	B.E.	2002	Computer Science and Engineering	65.50 %
Shivaji University, Kolhapur	M. Tech	2011	Computer Science and Technology	70.70 %

### 8. Teaching Experience: 11 years

Designation	From	To	Years	Classes taught	Name & Address of the Institution
Lecturer	7 <sup>th</sup> July 2003	31 <sup>st</sup> December 2007	4 Years 6 months	B.E.(CSE), T.E.(CSE), S.E. (CSE)	Rajarambapu Institute of Technology, Sakharale
Assistant Professor	5 <sup>th</sup> January 2008	20 <sup>th</sup> November 2012	4 years 10 months	B.E.(IT), T.E.(IT), S.E.(IT)	Bharati Vidyapeeth's College of Engineering, Kolhapur
Assistant Professor	21 <sup>st</sup> November 2012	Till Date	4 years 10 months	S.Y. B. Tech (CST), FinalYear B. Tech(CST), M.Tech (CST)	<b>Department of Technology, Shivaji University, Kolhapur</b>

## 9. Consultancy and sponsored research activities

Year	Organization	Project title	Amount received
2006- 07	Walwa Panchayat Samiti, Walwa	“Automation of Walwa Panchayat Samiti ”	----

## 10. Publications

S. No.	Name of Author/s	Title of the Paper	Name of Journal	Year	Volume & Issue	Page Nos.	Impact Factor	citation	ISSN No.
1.	Mr. C. J. Awati	“ Inadequate Departmental Information System”	International Conference on Quality circle conventions at Changwon, South Korea	8 <sup>th</sup> to 11 <sup>th</sup> Nov. 2005	--	--	--	--	
2.	Mr. C. J. Awati	“Improving Efficiency of Trse Scheme By Employing Public Key Compression Technique For Fully Homomorphic Encryption Over The Integers”	International Journal of Engineering Research & Technology	Jan 2014	Volume No. 3, Issue 1,	2848-2853	1.76	1	2278-0181
3.	Mr. C. J. Awati	“Evaluating Effectiveness of Mobile Web Search Personalization using Explicit & Implicit User Profiles”	IFRSA’s International Journal of Computing	Jan 2014	Volume 4, Issue 1	464-467	2.456		2230-9039 (Online ) 2231-2153 (Print)

4.	Mr. C. J. Awati	“Mobile Web Search Personalization using Explicit & Implicit User Profiles”	International Conference on Industrial Electronics and Computer Engineering (ICIECE) at New Delhi on 3 <sup>rd</sup> August 2014	Aug 2014	--	34-39	--		ISBN 978-93-84209-41-4
5.	Mr. C. J. Awati	Reducing Communication overhead in TRSE using Fully Homomorphic Encryption Scheme over the integers	International Conference on Advances in Science, Engineering and Technology (ICASSET), held at Chennai on 14 <sup>th</sup> Sept. 2014	14 <sup>th</sup> Sept. 2014	----	8-12			ISBN 978-93-84209-51-3
6.	Mr. C. J. Awati	Techniques of Mapping XML Data: A Survey	International Journal of Advance Research in Computer Science and Management Studies	May 2015	Volume 3, Issue 5	330-334	5.47	2	2321-7782 (Online)  2347-1778 (Print)
7.	Mr. C. J. Awati	Ranking and Recommendation of Query Form: A Survey	International Journal of Modern Trends in Engineering and Research	May 2015	Volume 2, Issue 5	305-308	1.711		2349-9745 (Online)  2393-8161 (Print)

8.	Mr. C. J. Awati	Hybrid Self-Adaptive Semantic Focused Crawler: A Survey	IJSRD - International Journal for Scientific Research & Development, 2015	June 2015	Vol. 3, Issue 04	586-587	1.82		2321-0613
9.	Mr. C. J. Awati	Survey on Review Analysis of Sentence	IJMTER- International Journal of Modern Trends in Engineering and Research	19 <sup>th</sup> May 2016	Vol. 3, Issue 05	56-59	3.518		2349-9745 (Online) ) 2393-8161 (Print)
10.	Mr. C. J. Awati	Survey Paper on Response Aware Probabilistic Matrix Factorization	IRJET – International Research Journal of Engineering and Technology	June 2016	Vol. 3, Issue 6	2447-2449	4.45		e-ISSN: 2395 - 0056  p-ISSN: 2395-0072
11.	Mr. C. J. Awati	A Survey on Implementation of Presentation Slide from Articles	IRJET – International Research Journal of Engineering and Technology	June 2016	Vol. 3, Issue 6	2650-2655	4.45		e-ISSN: 2395 - 0056  p-ISSN: 2395-0072
12.	Mr. C. J. Awati	An Approach to Improve Structure of Website for Effective User Navigation	IRJET – International Research Journal of Engineering and Technology	July 2016	Vol. 3, Issue 7	1223-1227	4.45		e-ISSN: 2395 - 0056  p-ISSN: 2395-0072
13.	Mr. C. J. Awati	Opinion Analysis of Text on the Basis of Three Domain Classification	2016 International Conference on Automatic Control and Dynamic Optimization Techniques (ICACDOT)	10th Sept 2016	--	1-5			978-1-5090-2080-5/16/\$3 1.00 ©2016 IEEE

14.	Mr. C. J. Awati	Automatic Era: Presentation slides from Academic Paper	2016 International Conference on Automatic Control and Dynamic Optimization Techniques (ICACDOT)	10th Sept 2016	--	1-5			978-1-5090-2080-5/16/\$3 1.00 ©2016 IEEE
15.	Mr. C. J. Awati	A Review Paper on Data Hiding in Encrypted Image by Reversible Image Transformation	International Journal of Advanced Engineering Research and Science (IJAERS)	Dec 2016	Vol. 3, Issue 12	32-35	4.192		ISSN: 2349-6495(P)   2456-1908(O)
16.	Mr. C. J. Awati	Attribute-Based Data Access Policy & Key Escrowing Problem: A Review Paper	International Journal of Advanced Engineering Research and Science (IJAERS)	Dec 2016	Vol. 3, Issue 12	27-31	4.192		ISSN: 2349-6495(P)   2456-1908(O)
17.	Mr. C. J. Awati	Decompression of JPEG Document Images: A Survey Paper	International Journal on Recent and Innovation Trends in Computing and Communication	Dec 2016	Volume: 4 Issue: 11	271-273	5.837		ISSN: 2321-8169
18.	Mr. C. J. Awati	A Survey on PiCode: Picture-Embedding 2D Barcode	International Journal on Recent and Innovation Trends in Computing and Communication	Dec 2016	Volume: 4 Issue: 11	186-189	5.837		ISSN: 2321-8169
19.	Mr. C. J. Awati	Decompression of JPEG Document and Natural Images	International Journal of Scientific & Engineering Research	June 2017	Volume: 8 Issue: 6	1543-1546	3.8		ISSN 2229-5518

20.	Mr. C. J. Awati	Efficiency measurement with different demodulation techniques by designing picturesque 2D barcode	International Journal of Scientific & Engineering Research	July 2017	Volume: 8 Issue: 7	1144-1148	3.8		ISSN 2229-5518
21.	Mr. C. J. Awati	Classification of Singly Captured and Recaptured Images Using Sparse Dictionaries	International Journal of Advance Research in Computer Science and Management Studies	July 2017	Volume: 5 Issue: 7	1-8	7.327		ISSN Online 2321-7782 Print 2347-1778
22.	Mr. C. J. Awati	Overcome Key Escrow Problem with Attribute-Based Data Access Policy & Efficient Cloud Environment	IEEE Third International Conference On Computing, Communication, Control And Automation <b>ICCUBEA 2017</b>	Aug 2017		1-6			978-1-5386-4008-1/17/\$31.00 ©2017 IEEE
23.	Mr. C. J. Awati	Image Transmutation in Reversible Manner for Camouflage Image	IEEE Third International Conference On Computing, Communication, Control And Automation <b>ICCUBEA 2017</b>	Aug 2017		1-4			978-1-5386-4008-1/17/\$31.00 ©2017 IEEE
24.	Mr. C. J. Awati	Review Paper on Answers Selection and Recommendation in Community Question Answers System	International Journal on Future Revolution in Computer Science & Communication Engineering	Jan 2018	Volume: 4 Issue: 1	298-302	4.312		2454-4248

25.	Mr. C. J. Awati	A Review on Advanced Decision Trees for Efficient & Effective k-NN Classification	International Journal on Future Revolution in Computer Science & Communication Engineering	Feb 2018	Volume: 4 Issue: 2	350-354	4.312		2454-4248
-----	-----------------	---	--	----------	-----------------------	---------	-------	--	-----------

### 11. Projects Work

Sr. No.	Title	Brief Outline	Year
1	“Intrinsic Cluster Detection Using Adaptive Grids”	Clustering is a key data mining problem. Density and grid based technique is a popular way to mine clusters in a large spatial datasets. Here a density-based clustering algorithm, Grid Density clustering using triangle subdivision (GDCT) is presented which is capable of identifying arbitrary shaped embedded clusters as well as multi density clusters over massive spatial Datasets.	2009-10
2	“Information Sharing Through Web Services”	Web Service containing Student information is created. Through the web service we can access the student information from anywhere.	2001-02

### 12. Area of Interest: Data Mining, Theory of Computation

### 13. Membership of scientific and professional societies:

**ISTE Life Membership**

### 14. Honors and awards:

Sr.No.	Event participated in	Prize/ Achievement
1	National Conventions for Quality Circle, Mumbai,	Excellent Case Study

	dated 27 <sup>th</sup> – 30 <sup>th</sup> Dec. 2004.	
2	Participated in “ICQCC-2005” organized by “KSA” at Changwon South Korea dated 8 <sup>th</sup> to 11 <sup>th</sup> Nov. 2005	-----

## 15. List of conferences, short term courses etc. organized / participated:

### a. Seminars/Conferences Attended (Give Details):

- Seminar on LINUX organized by CSESA.
- Attended Two-Week ISTE-STTP on “Object Oriented Design and Analysis using Rational Suite” From 20<sup>th</sup> to 31<sup>st</sup> Dec. 2004 organized by RIT, SAKHARALE.
- Seminar on Personality Development by Mr. Shinde.
- Presentation of Quality Circle at CCQC- 2004 at Pune.
- Presented and won prize of excellent case study at NCQC, Mumbai 2005 from 27-29 Dec. 2004
- Attended workshop on Syllabus Structure of Information Technology at D.K.T.E., Ichalkaranji on 11<sup>th</sup> Jan 2005
- Attended workshop on ‘Laboratory Norms Setting’ at K.B.P., Satara on Tuesday 12<sup>th</sup> April 2005
- Attended national conference on “Recent trends in CAD/CAM/CAE” FROM June 21-23, 2004 organized by RIT, Sakharale
- Attended international workshop on “ Accessing and Teaching for learning in outcome based engineering curricula” during 24<sup>th</sup> to 27<sup>th</sup> Dec 2006 in RIT, Sakharale
- Attended IEEE-Intenational conference on “ Signal & Image Processing(ICSIP)-2006” at BVB College of Engineering and Technology, Hubli during 7 – 9 Dec. 2006
- Attended International convention on quality circles and presented paper held at Changwon, South Korea on November 8-11, 2005
- Attended one day workshop on “Laboratory Equipments and software required” at D.Y. Patil COE & Technology, Kolhapur on 15<sup>th</sup> Sept. 2006
- Attended workshop on “Rational Enterprise Suite” at BVCOE, Kolhapur from 26<sup>th</sup> June To 28<sup>th</sup> June 2008
- Attended syllabus revision workshop of TE IT at TKIET, Warnanagar on 31<sup>st</sup> Jan 2009.
- Attended national workshop on “Institutional Building and NBA Accreditation” at TKIET, Warnanagar on 5<sup>th</sup> Dec 2009.
- Attended one day workshop on “Faculty Development” at BVCOE, Kolhapur on 11<sup>th</sup> Jan 2010.
- Attended syllabus revision workshop of BE IT at RIT, Rajaramnagar on 4<sup>th</sup> Feb 2010.
- Attended three days faculty development programme on “ThRust Areas in Computer Engineering” from 4<sup>th</sup> to 6<sup>th</sup> May 2010.
- Attended One –Week ISTE-STTP on “Data Warehousing & Mining” during 25<sup>th</sup> Feb 2011 to 1<sup>st</sup> Mar 2011 at Bharati Vidyapeeth’s College of Engineering, Kolhapur.

- Attended 2-Week ISTE STTP on “Software Development Techniques for Teachers of Engineering and Science Institutes” by IIT, Bombay from 5<sup>th</sup> November to 4<sup>th</sup> December 2011.
- Attended National Conference on “Emerging Technologies for Sustainable Developments” on 27<sup>th</sup> & 28<sup>th</sup> December 2012 organized by Department of Technology, Shivaji University, Kolhapur
- Attended a Workshop on “A Brain Storming session for Application of Technology for Sustainable Development in the state of Maharashtra” organized by Maharashtra Academy of Science and Shivaji University, Kolhapur on 26<sup>th</sup> & 27<sup>th</sup> November, 2012.
- Attended one day workshop on “Effective in Teaching for organizational Excellence” organized by Training Placement Cell, Department of Technology, Shivaji University, Kolhapur on 3<sup>rd</sup> January 2013.
- Attended Two-Day Workshop on “Research Methodology in Engineering and Technology” organized by IIT, Bombay on 2<sup>nd</sup> and 9<sup>th</sup> February 2013
- Worked as a Expert for ‘IMPULSE 2013’ for Computer & E & TC group at Dr. Bapuji Salunkhe Institute of Engineering & Technology, Kolhapur on 22<sup>nd</sup> Feb 2013.
- Attended LaTeX Workshop offered by the Spoken Tutorial project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India on 28th March 2013 at Shivaji University, Kolhapur.
- Delivered guest lecture on “ANN & GA” at Information Technology Department at Bharati Vidyapeeth’s College of Engineering, Kolhapur on 9<sup>th</sup> April 2013.
- Attended one week ISTE workshop for coordinators on “Database Management Systems” at IIT, Bombay from 6th May to 10th May 2013
- Worked as **a workshop coordinator** for Two-week ISTE Workshop on “Database Management Systems” conducted by IIT, Bombay from 21st May To 31st May 2013 at Shivaji University, Kolhapur.
- Attended One-Week ISTE-STTP on “Recent Trends in Information Technology” sponsored by ISTE during 25<sup>th</sup> June to 29<sup>th</sup> June 2013 at BVCOE, Kolhapur.
- Attended One-Week TEQIP-II Sponsored STTP on “Web Technologies with PHP” by Dr. Krishanakant Mane at Department of Technology, Shivaji University, Kolhapur from 20 to 24 September 2013
- Attended TEQIP-II Sponsored One Day Workshop on “ Organic Electronic Devices” at Department of Technology, Shivaji University, Kolhapur on 24<sup>th</sup> September 2013.
- Attended TEQIP-II Sponsored training on “Rational Quality Management and Rational Functional Testing” at Department of Technology, Shivaji University, Kolhapur from 11th to 14th November 2013.

- Attended One-Week STTP on “Research Areas in Information Technology” sponsored by ISTE during 17<sup>th</sup> December 2013 To 21<sup>st</sup> December 2013 at BVCOE, Kolhapur.
- Attended One Day workshop on “Spoken Tutorial” conducted by IIT, Bombay and Department of Technology, Shivaji University, Kolhapur on 29<sup>th</sup> Jan 2014
- Participated in “SEED IT IDOL” competition jointly organized by SEED Infotech Ltd. and Shivaji University, Kolhapur on 10<sup>th</sup> Feb 2014.
- Attended One Day Workshop On “Renewable Energy & Energy Efficiency” organized by Divisional Office, Kolhapur of Maharashtra Energy Development Agency(MEDA) in association with Department of Technology, Shivaji University, Kolhapur held on 13<sup>th</sup> February 2014
- Worked as a **Judge** for the “**Paper presentation**” and “**Project Exhibition**” in the event “**Virtuosic 2014**” held on 13<sup>th</sup> and 14<sup>th</sup> March 2014, at SSPM’s College of Engineering, Kankavali.
- Worked as a **event coordinator** for the event “CRYPTRIX 2K 14” organized by the department of Computer Science & Technology on 20<sup>th</sup> March 2014
- Worked as a **coordinator** for the spoken tutorial workshop on “PHP & MySQL” conducted by IIT, Bombay and Department of Technology, Shivaji University, Kolhapur.
- Attended Two-week ISTE Workshop on “Computer Programming” conducted by IIT, Bombay from 16<sup>th</sup> June To 21<sup>st</sup> June 2014 at Shivaji University, Kolhapur.
- Attended Two-week ISTE Workshop on “Cyber Security” conducted by IIT, Bombay from 10<sup>th</sup> July To 20<sup>th</sup> July 2014 at Shivaji University, Kolhapur.
- Attended One – Day workshop on “Testing and Beyond Testing” by SEED InfoTech Ltd. Kolhapur on 26/07/2014 at Technology Department, Shivaji University, Kolhapur.
- Attended One – Day workshop on “Hadoop & Big Data” by SEED InfoTech Ltd. Kolhapur on 26/07/2014 at Technology Department, Shivaji University, Kolhapur.
- Attended seminar on “Android” under the event “KNOW-ledge Day” on 20<sup>th</sup> Aug 2014 at DOT, Shivaji University, Kolhapur.
- Attended seminar on “Software testing & beyond testing” under the event “Testing & beyond testing” on 16<sup>th</sup> to 17<sup>th</sup> Sept 2014 at DOT, Shivaji University, Kolhapur.
- Worked as a **Judge** for the “**National Level Paper presentation - Abhivykti**” in the event “**Pioneer 2014-15**” held on 2<sup>nd</sup> October 2014, at KIT’s College of Engineering, Kolhapur.
- Attended One-week CEP course on “ Computing Techniques for Solving Engineering Problem” conducted for Shivaji University, Kolhapur by IIT Bombay at Kolhapur during February 18-22, 2015

under Continuing Education & Quality Improvement Programme (CE & QIP)

- Worked as a **event coordinator** for the event “CRYPTRIX 2K 15” organized by the department of Computer Science & Technology on 5<sup>th</sup> March 2015
- Attended Two-week ISTE Workshop on “Introduction to Design of Algorithms” conducted by IIT, Bombay from 25<sup>th</sup> May To 30<sup>th</sup> May 2015 at Shivaji University, Kolhapur.
- Working as a Co-ordinator for M.Tech(CST).
- “MatLab Fundamentals” and “Signal Processing” conducted by Mathworks ,Bangalore at DOT,SUK on 7th July-9th July 2015.
- Attended one day workshop on “Signal Processing with MATLAB” by MathWorks training services at Department of Technology, Shivaji University, Kolhapur on 8<sup>th</sup> July 2015.
- Attended one day seminar on “Hazop Management in Industry” under TEQIP-II organized by Chemical Technology Program, Department of Technology, Shivaji University, Kolhapur on 23<sup>rd</sup> July 2015.
- Worked as a **Judge** for the “**National Conference – Emerging Trends in Engineering & Technology (NCETET-2016)**” held on 1<sup>st</sup> March 2016, at Bharati Vidyapeeth’s College of Engineering, Kolhapur.
- Attended a Four Week AICTE approved FDP by IIT Bombay on - Use of ICT in Education for Online and Blended Learning from 2<sup>nd</sup> May to 10<sup>th</sup> July 2016
- Attended One Week Management Capacity Enhancement Programme held at Indian Institute of Management, Indore during 23 August to 29 August 2016.
- Participated in the **General Orientation Programme** conducted at Department of Technology, Shivaji University, Kolhapur from 2<sup>nd</sup> December 2016 to 29<sup>th</sup> December 2016.
- Participated in FEEL TEACHER learning and development Intervention organized by Department of Technology, Shivaji University, Kolhapur and conducted by CLHRD, Mangalore from 19<sup>th</sup> December 2016 to 21 December 2016.
- Worked as **Co-ordinator** for **Cisco Certified Network Associative (CCNA)** organized by IJTR, Aurangabad and Department of Technology, Shivaji University, Kolhapur from 11<sup>th</sup> January to 18<sup>th</sup> February 2017
- Worked as a **Judge** for the “**National Conference – Emerging Trends in Engineering & Technology (NCETET-2017)**” held on 7<sup>th</sup> March 2017, at Bharati Vidyapeeth’s College of Engineering, Kolhapur.
- Worked as a committee member for the Institute level UG/PG Technical Project Contest, TECHFEST 2017 organized by the Department of Technology, Shivaji University, Kolhapur
- Attended Two Days Programme on “ Recent Trends in Computer Science & Engineering and Information Technology” at BVCOE, Kolhapur from 28<sup>th</sup> September 2017 to 29<sup>th</sup> September 2017

- Attended One Week AICTE-ISTE STTP on “Advanced Web Programming” at DKTE, Ichalkaranji from 4<sup>th</sup> June 2018 to 9<sup>th</sup> June 2018

**b. Training programs attended:-**

<b>Sr. No.</b>	<b>Date</b>	<b>Subject</b>	<b>Duration of training</b>
01	26.12.2005 to 30.12.2005	AIX basics at Bangalore	05 days
02	16.11.05 to 17.11.05	Maya 6.5	02 days
03	2.12.05 to 3.12.05	Oracle 10g	02 days
05	4.1.2006 to 9.1.2006	RHCE	06 days
06	20.11.05 to 22.11.05	Suse Linux	03 days
07	14.1.2006	Visual studio .Net	01 days
08	15.1.2006	Office 2003	01 days
09	19-20 Jan 2007	Applications of DSP & IP at RIT, Sakharale	02
10	11-12 Dec. 2006	Software quality assurance at RIT, Sakharale	02

**16. Declaration**

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Thanking You,

Date:-

Place: - Kolhapur

Yours Sincerely,  
**Mr. CHETAN J. AWATI**