

BIO-DATA

1. **Name** : Dr. Girish Kumar Patnaik

2. **Designation** : Professor **Department:** Computer Engineering

3. **Date of Birth** : October 9th, 1969

4. **Father's Name** : Krishna Mohan Patnaik

5. **Mother Name** : Radha Rani Patnaik

6. **Address** :

Permanent Address: Plot No. 11, Navrang Colony, Deopur, Dhule - 424 005

Correspondence Address: Professor Quarter PQ 203, SSBT's College of Engineering & Technology, Bambhori, PO Box – 94, Jalgaon - 425001

7. **E-mail id** : girishpat2001@yahoo.com

8. **Mobile No.** : 9422790559 / 7507044204

9. **Educational Qualification:**

Sr	Exam Passed	Title of Degree	Board/Univ.	Year	Subject	% of Marks
1	10 th BOARD	SSC	Board of Secondary Education, Orissa	1983	Science	67.5
2	SECONDARY	HSC	Council of Higher Secondary Education, Orissa	1985	Science	73.1
3	BACHELOR	BE	Marathwada University, Aurangabad	1990	Computer Sc. & Engineering	66.93
4	MASTER	ME	Motilal Nehru Regional College of Engineering, Allahabad / Allahabad University	2001	Computer Sc. & Engineering	80.8
5	DOCTOR OF PHILOSOPHY		Motilal Nehru National Institute of Technology Allahabad, Allahabad	Oct. 2012	Trustworthy MANET for Secure Communication (Computer Sc. & Engineering)	

10. Details of Job:

Sr	Name of Employer	Designation	From	To	Scale
1	SSBT College of Engg. & Tech., Jalgaon, Maharashtra	Lecturer	July 31 st , 1990	September 16 th , 1991	Basic 700/-
2	SSVPS's B.S.Deore College of Engineering, Dhule	Lecturer	September 17 th , 1991	February 28 th , 2001	Basic 2200/-
3	SSVPS's B.S.Deore College of Engineering, Dhule	Sr. Lecturer	March 1 st , 2001	January 13 th , 2003	Basic 8000/-
4	SSVPS's B.S.Deore College of Engineering, Dhule	Asst. Professor / Assoc. Professor	January 14 th , 2003	October 11 th , 2012	Basic 1200/- Basic 37400/-
5	SSVPS's B.S.Deore College of Engineering, Dhule	Professor	October 12 th , 2012	June 17 th , 2013	Basic 43000/- + AGP 10000/-
6.	SSBT's College of Engineering & Technology, Bambhori, Jalgaon	Professor	June 18 th , 2013	Till date	Basic 53130/- + AGP 10000/-

11. Details of Approval of Services in Teaching:

Sr	Designation	From	To	University letter No. & Name of University
1	Lecturer at SSVP's BSD COE, Dhule	1994-95		NMU/96/5/Approval/742 dtd 24/01/1996
2	Assistant Professor at SSVP's BSD COE, Dhule	11/11/2003		NMU/18/D-9/1336/2006 dtd 18/8/2006
3	PG Teacher	13/05/2012		NMU/11/PGR/Com.Engg/1066/2012 dtd 14/05/2012
4	Professor at SSBT's College of Engineering & Technology, Jalgaon	21/03/2016		NMU/18/548/2016 dtd 13/06/2016

12. Position Held in College (Other than teaching e.g., In-charge of lab, Cell, Department, Hostel, Library, Games, Laboratory etc):

Sr	Position Held	Duration	Responsibilities
1	Head, Computer Engineering, SSVPS's BSD College of Engg, Dhule	21/07/2011 – 17/06/2013, 03/02/2005 – 30/03/2011, 18/07/2001 – June 2004	Administration
2	Head, Computer Engineering, SSBT's College of Engg. & Tech., Bambhori, Jalgaon	22/06/2013 – till date	Administration
3	Director Technical	16/12/2015 – 08/09/2016	Development of IT

	Development, SSBT's College of Engg. & Tech., Bambhori, Jalgaon		enabled campus
4	Director Academic Development, SSBT's College of Engg. & Tech., Bambhori, Jalgaon	09/09/2016 – till date	Academic Activities

13. Details of Short Term Training Programme / Refresher Course / Conferences Attended:

Sr	Name of Institute / Organizer	From	To	Title
1	SSVPS's BSD College of Engg, Dhule	October 22 nd , 2001	November 9 th , 2001	ISTE-STTP Refresher course on "Recent Trends in Computer Visual Aids for effective teaching"
2	NUS, Singapore	January 8 th , 2002	January 11 th , 2002	3 rd International Conference on Mobile Data Management, Singapore
3	SSVPS's BSD College of Engg, Dhule	February 10 th , 2002		ISTE Course on "Web based Collaborative Engineering and Advanced Techniques in CATIA V5 R7"
4	NUS, Singapore	January 8 th , 2002	January 11 th , 2002	International Conference on Mobile Data Management, Singapore
5	SSVPS's BSD College of Engg, Dhule	April 1 st , 2002	April 12 th , 2002	ISTE-STTP Refresher course on "Incubating Entrepreneur's Spirit"
6	Rational, Pune	December 9 th , 2002	December 18 th , 2002	Course on "Rational Rose"
7	Kalinga Institute of Technology, Bhubaneswar	December 21 st , 2004	December 24 th , 2004	International Conference on Distributed Computing and Internet Technology at Hotel Swasti plaza, Bhubaneswar
8	Tata Research Development and Design Center, Pune	January 4 th , 2005	January 8 th , 2005	TCS Excellence in Computer Science Week 2005 (TECSWEEK05) on Security Modeling
9	AIRCC	December 27 th , 2009	December 29 th , 2009	IEEE First International Conference on Networks & Communications, Chennai, India,
10	AINA	March 22 nd , 2011	March 25 th , 2011	IEEE Workshops of 25th International Conference on Advanced Information Networking and Applications, 2011, Biopolis, Singapore
11	GLA University, Mathura	March 3 rd , 2012	March 4 th , 2012	7 th National Conference on Advancement of Technologies – Information System & Computer Networks

14. Details of Conference/Training Programme Organized as coordinator /co-coordinator/Secretary:

Sr	Title/Place/Sponsorer	Duration
1	First International Conference on Sunrise Technologies, Dhule, by SSVPS's B. S. Deore College of Engineering, Dhule	January 13 th – 15 th , 2011
2	International Conference on Global Trends in Engineering, Technology and Management, Jalgaon by SSBT's College of Engineering and Technology, Bambhori, Jalgaon as Convener	January 9 th – 11 th , 2015
3	International Conference on Global Trends in Engineering, Technology and Management, Jalgaon by SSBT's College of Engineering and Technology, Bambhori, Jalgaon as Publishing Chair	January 4 th – 6 th , 2016

15. Details of Paper Presented & Lectures Delivered:

15.1 "Paper In Conferences"

- 1 Girish Kumar Patnaik and M. M. Gore, "Design of Compiler for Mobile Environment and its Formalization using Evolving Algebra", Proceedings of 3rd IEEE International Conference on Mobile Data Management, Singapore, January 2002, PP 159-160.
<http://computer.org/proceedings/mdm/1500/15000159abs.htm>
- 2 Girish Kumar Patnaik and M. M. Gore, "Tree-Like Peer-to-Peer Symmetric Key Management in Mobile Ad Hoc Network", First International Conference on Networks & Communications, 2009, pp. 196-201,
<http://doi.ieeecomputersociety.org/10.1109/NetCoM.2009.46>
- 3 Girish Kumar Patnaik and M. M. Gore, "Trustworthy Path Discovery in MANET -- A Message Oriented Cross-Correlation Approach", Proceedings of IEEE Workshops of 25th International Conference on Advanced Information Networking and Applications, 2011, Biopolis, Singapore, 22-25 March 2011, pp 170-177.
<http://www.computer.org/portal/web/csdl/doi/10.1109/WAINA.2011.69>
http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5763395
- 4 Ashutosh V. Girase, Girish Kumar Patnaik and Sandip S. Patil, "Devloping knowledge driven ontology for decision making", International Conference on Signal Processing, Communication, Power and Embedded System (SCOPEs), 2016, Paralakhemundi, India, 3-5 Oct. 2016, pp 99-105. <http://ieeexplore.ieee.org/document/7955610/>.
- 5 Bhagyashri B. Jawale, Girish Kumar Patnaik and Ashish T. Bhole, "Requirement Prioritization Using Adaptive Fuzzy Hierarchical Cumulative Voting", IEEE 7th International Advance Computing Conference (IACC), 2017, Hyderabad, India, 5-7 Jan. 2017, pp 95-102. <http://ieeexplore.ieee.org/document/7976768/>.
- 6 Tejashree B. Patil, Girish Kumar Patnaik and Ashish T. Bhole, "Big Data Privacy Using Fully Homomorphic Non-Deterministic Encryption", IEEE 7th International Advance Computing Conference (IACC), 2017, Hyderabad, India, 5-7 Jan. 2017, pp 138 - 143
<http://ieeexplore.ieee.org/document/7976775/>.

15.2 "Paper In Journals"

1. M. M. Gore and Girish Kumar Patnaik, "Information Technology – Security Challenges", Technical Journal of LBSIMDS, ISSN: 0975-2374, Vol. I, No. – I, Jan-June 2009, PP 13-16
2. Vishal R Deshmukh, G K Patnaik and M E Patil, "Real-Time Traffic Sign Recognition System based on Colour Image Segmentation", International Journal of Computer Applications, ISSN: 0975-8887, 83(3):30-35, December 2013
<http://www.ijcaonline.org/archives/volume83/number3/14430-2575>
3. Atul S. Chaudhari, Dr. Girish K. Patnaik, Sandip S. Patil, "Implementation of Minutiae Based Fingerprint Identification System using Crossing Number Concept", International Journal of Computer Trends and Technology (IJCTT), ISSN: 2231-2803, Volume 8(4):178-183, February 2014. <http://www.ijcttjournal.org/archives/ijctt-v8p133>

4. Prof. Dr. Girish Kumar Patnaik, Miss. Lokhande Bhagyashree, Mr. Mahajan Akshay G., "Green Computing Metrics, Methods and Models ", International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181, Vol. 3 - Issue 3 (March - 2014), PP-1634-1637. <http://www.ijert.org/view.php?id=8796&title=green-computing-metrics-methods-and-models>
5. Harsha V Talele, Girish Kumar Patnaik, Sandip S Patil, "Improvement in Privacy and Confidentiality of Database using kACTUS", International Journal of Application or Innovation in Engineering & Management (IJAIEM), ISSN: 2319-4847, Volume 3, Issue 3, March 2014 , PP - 251 – 260. <http://www.ijaiem.org/volume3issue3/IJAIEM-2014-03-24-076.pdf>
6. Pooja Naval, Girish Kumar Patnaik, Sandeep S Patil, "Wrinkled Fingerprint Verification using BPNN and Minimum Distance Features between Singularities", International Journal of Advanced Engineering and Global Technology, ISSN: 2309-4893, Vol-2, Issue-4, April 2014, PP 627-633. <http://ijaegt.com/wp-content/uploads/2014/04/409148-IJAEGT-PP627-634-pooja.pdf>
7. Archana Mahajan, Girish Kumar Patnaik, Sandip S Patil, "Improvement in membership function for multiclass clustering with Fuzzy Rule Based Clustering Approach", International Journal of Advanced Engineering and Global Technology, ISSN: 2309-4893, Vol-2, Issue-4, April 2014, PP 654-659. <http://ijaegt.com/wp-content/uploads/2014/05/409154-IJAEGT-PP-ARCHANA-1.pdf>
8. LINA L. DHANDE, DR. GIRISH K. PATNAIK "Review of Sentiment Analysis using Naive Bayes and Neural Network Classifier", International Journal of Scientific Engineering and Technology Research (IJSETR), ISSN: 2277-1581, Vol.03, Issue.07, May - 2014, Pages:1110-1113. <http://ijsetr.com/issue.php?issue=ISSUE%207&volume=Volume3>
9. Archana I. Patil , Girish Kumar Patnaik and Ashish T. Bhole, “Network Intrusion Detection using Layered Approach and Hidden Markov Model”, International Journal of Computer Applications, ISSN: 0975-8887, Vol. 93, No. 13, May 2014, pp - 38-43. <http://www.ijcaonline.org/archives/volume93/number13/16278-6049>
10. Lina L. Dhande and Dr. Prof. Girish K. Patnaik, “Analyzing Sentiment of Movie Review Data using Naive Bayes Neural Classifier”, International Journal of Emerging Trends & Technology in Computer Science (IJETTCS), ISSN 2278-6856, Volume 3, Issue 4 July-August 2014, pages:313-320. <http://www.ijettcs.org/issue1.php?vol=Volume3Issue4>
11. Archana N. Mahajan, Prof. Dr. Girish Kumar Patanaik, Sandip S. Patil, “Improved Membership Function for Multiclass Clustering with Fuzzy Rule Based Clustering Approach”, International Journal of Emerging Trends & Technology in Computer Science (IJETTCS), ISSN 2278-6856, Volume 3, Issue 5, September-October 2014, pages:61 – 68. <http://www.ijettcs.org/issue1.php?vol=Volume3Issue5>
12. AMOL A.DHIWAR, DR. G.K.PATNAIK, "Light Weight Intrusion Detection System with Wrapper Approach and Optimized Feature Selection", International Journal of Innovative Research in Computer and Communication Engineering, ISSN 2320-9801,VOLUME 3, ISSUE 3, MARCH 2015, Pages:2260 - 2266, http://ijirce.com/upload/2015/march/155_40_Light.pdf
13. Amol A. Dhiwar and Girish K. Patnaik, “Wrapper based Intrusion Detection System with Duration and Local Area Network Denial Features”, International Journal of Computer Applications, ISSN 0975 – 8887, Volume 123 – No.15, August 2015, PP 23 – 28. <http://www.ijcaonline.org/research/volume123/number15/dhiwar-2015-ijca-905746.pdf>

14. Ashutosh V. Girase, Girish Kumar Patnaik, Sandip S. Patil, “Ontology Driven Knowledge Base Information Retrieval”, International Journal of Engineering Trends and Technology, ISSN: 2231-5381, ICGTETM Number-4 January 2016, Pages: 467 – 472,
http://www.ijettjournal.org/Special%20issue/ICGTETM-2016/ICGTETM_2016_paper_130.pdf
15. Pallavi M. Ingale, Girish Kumar Patnaik, “Advance Security Protocol for Identifying Users without Their Login Ids”, International Journal of Engineering Trends and Technology, ISSN: 2231-5381, ICGTETM Number-2 January 2016, Pages: 197 – 200,
http://www.ijettjournal.org/Special%20issue/ICGTETM-2016/ICGTETM_2016_paper_59.pdf
16. Nilesh R. Patil, Girish Kumar Patnaik, “Automatic Text Summarization With Statistical, Linguistic and Cohesion Features”, International Journal of Engineering Trends and Technology, ISSN: 2231-5381, ICGTETM Number-2, January 2016, Pages: 224 – 227,
http://www.ijettjournal.org/Special%20issue/ICGTETM-2016/ICGTETM_2016_paper_67.pdf
17. Ashutosh V Girase, Girish Kumar Patnaik and Sandip S Patil, “Ontology Driven Approach for Effective Decision Making”, International Journal of Computer Applications, ISSN: 0975 – 8887, Volume 148 - No. 7, August 2016, Pages: 15-21,
<http://www.ijcaonline.org/archives/volume148/number7/girase-2016-ijca-911209.pdf>
18. Pallavi M. Ingale, Girish Kumar Patnaik, “Enhance Security Methods for Identifying Users without their Login Ids”, International Journal of Computer Applications, ISSN: 0975 – 8887, Volume 150 – No.8, September 2016, Pages: 31 – 37,
<http://www.ijcaonline.org/archives/volume150/number8/26115-2016911611>
19. Yogesh Shankar Landge, Dr. K.P.Adhiya, Prof. Dr.Girish K. Patnaik, “A Survey on Compressing the Dependent Element of Multiset’s Linear Form”, International Journal of Innovative Research in Compute and Communication Engineering, ISSN: 2320-9801, Vol. 4, Issue 12, December 2016, Pages: 20750 – 20755,
https://www.ijircce.com/upload/2016/december/23_A%20Survey.pdf
20. Rahil Amin Bhurani, Dr. K.P.Adhiya, Prof. Dr.Girish K. Patnaik, “A Survey on Enhanced Security through Token’s”, International Journal of Innovative Research in Compute and Communication Engineering, ISSN: 2320-9801, Vol. 4, Issue 12, December 2016, Pages: 20783 – 20788, https://www.ijircce.com/upload/2016/december/28_A%20Survey.pdf
21. Rahil Amin Bhurani, Prof. Dr. Girish K. Patnaik, “Enhanced Security Through Token”, International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395 - 0056, Volume: 04 Issue: 01, Jan -2017, Pages: 1675 – 1681,
<https://www.irjet.net/archives/V4/i1/IRJET-V4I1333.pdf>
22. Yogesh Shankar Landge, Prof. Dr.Girish K. Patnaik, “Compressing the Dependent Elements of Multiset”, International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395 -0056, Volume: 04 Issue: 01, Jan -2017, Pages: 1630 – 1636,
<https://www.irjet.net/archives/V4/i1/IRJET-V4I1322.pdf>
23. Nilesh R. Patil, Girish Kumar Patnaik, “Automatic Text Summarization with Cohesion Features”, International Journal of Computer Science and Information Technologies, ISSN: 0975-9646, Vol. 8 (2) , March – April 2017, Pages: 194-198,
<http://www.ijcsit.com/docs/Volume%208/vol8issue2/ijcsit2017080213.pdf>

15.3 "Special Lectures Delivered":

Sr	Title of Lecture	Title of Programme & Place of Lecture & Date
1	"Challenges & Potential of Mobile Computing"	Celebration of 150Yrs of the Telecom, BSNL, Dhule on August 11 th , 2003
2	"Mobile Computing"	Bhauasaheb Hiray S. S. Trust's Polytechnic, Malegaon on February, 2004
3	"Design and Implementation of Campus Data Networking"	SNJB COE, Chandwad on March 15 th , 2008
4	"LaTeX – A Document Preparation Software"	SSVPS's B. S. Deore College of Engineering, Dhule, November 11 th , 2011
5	Workshop on LaTeX	SNJB COE, Chandwad, January 12 th – 13 th , 2012
6	National Workshop on NS2	GLA University, Mathura, March 2 nd , 2012
7	Workshop on LaTeX	SSVPS's B. S. Deore Polytechnic, Dhule, August 25 th – 26 th , 2012
8	Workshop on LaTeX	SRES College of Engineering, Kopargaon, September 1 st – 2 nd , 2012
9	Workshop on LaTeX	Shri Sant Gadge baba College of Engineering and Technology, Bhusawal, October 19 th – 21 st , 2012
10	Workshop on LaTeX	Matoshri College of Engineering and Research, Nashik, December 28 th – 29 th , 2012
11	Workshop on LaTeX	MIT Academy of Engineering, Alandi (D), Pune, January 11 th – 12 th , 2013
12	Speaker, National Conference on Recent Trends in Engineering	D. N. Patel College of Engineering, Sahada, March 2 nd , 2013
13	Workshop on LaTeX	SNJB COE, Chandwad, April 19 th , 2013
14	Workshop on NS2	Late G. N. Sapkal College of Engineering, Nashik, March 7 th , 2015
15	TEQIP sponsored Two days' workshop on LaTeX and SPSS Clementine	Government College of Engineering, Chandrapur, October 17 th – 18 th , 2015
16	Workshop on SuSe Linux Server Configuration	SNJB College of Engineering, Chandwad, February 6 th , 2016
17	Mobile Ad Hoc Network: Challenges & Issues	2 nd National Conference on Emerging Trends in Computer & Information Technology, Tapti Education Society's Bhusawal Arts, Science & P.O. Nahata Commerce College, Bhusawal, October 14 th , 2016
18	Accreditation by NAAC – An Overview	North Maharashtra University, Library and Information Science Study Circle, Jalgaon, October 22 nd , 2016
19	TEQIP sponsored Two days' workshop on LaTeX	Government College of Engineering, Aurangabad, November 14 th – 15 th , 2016
20	State Level Workshop on LaTeX	NDMVPS's KBGT College of Engineering, Nashik, March 8 th – 9 th ,

		2017
21	Moodle – E-Learning and E-Content Management	SSBT's College of Engineering and Technology, Bambhori, Jalgaon in collaboration with NMU LIS Study Circle (NMU), March 25 th , 2017

16. Details of Consultancy Work / Projects Completed:

Sr	Title of Work / Project	Funding Agency	Year of Completion
1	Design of Campus Wide Data Networking	SSBT COET, Bambhori , Jalgaon	2006
2	Design of Campus Wide Data Networking	Jawahar Shetkari Sahakari Soot Girni, Dhule	2007
3	Design and implementation of Campus Wide Wireless Networking	Chatrapati Shivaji Public School, Dhule	2007
4	Design of Campus Wide Data Networking (Wired & Wireless) Configuration of Blade Server as Web, Mail & Proxy	SNJB COE, Chandwad (Nashik)	2008
5	Design of Campus Wide Data Networking (Wired & Wireless) Configuration of Proxy Server	Zilla Parishad, Dhule	2009
6	Design and deployment of website for International Conference	Late Karmveer Dr. P. R. Ghogrey Science College, Dhule	2010
7	Design and deployment of website for School	Chatrapati Shivaji Public School, Dhule	2011
8	Design of Campus Wide Data Networking (Wired & Wireless) Configuration of Server as Web, Mail & Proxy	D. N. Patel College of Engineering, Shahada	2011

17. Membership of Professional Bodies:

Sr	Name of the Body / Head Quarter	Grade of Membership (Fellow / Member)	Membership Number
1	IEEE	Senior Member	41557025
2	ACM	Professional Member	7901648
3	ISTE	Life Member	LM36299
4	CSI	Life Member	01208611

18. Representation at University/Other Level:

- I. Member of Board of Studies for Computer & IT Engineering, North Maharashtra University, Jalgaon – Year 2004 - 2005
- II. Member of Board of Studies for Computer & IT Engineering, North Maharashtra University, Jalgaon – Year 2008 – 2010
- III. Member of Board of Studies for Computer Engineering, Govt. College of Engineering, Jalgaon – Year 2013 – Till date
- IV. Subject Expert for LIC / Approval / VCRMS etc. North Maharashtra University, Jalgaon
- V. Technical Committee Member for Information and Communication Technology at North Maharashtra University, Jalgaon

- VI. Administrative Officer for On Screen Evaluation Center in Oct/Nov/Dec 2015, May/June/July 2016, Nov/Dec 2016 examinations by North Maharashtra University, Jalgaon
- VII. ME Thesis / Dissertation Examiner for Pune University, Amaravati University and Bharati Vidyapeeth Deemed University College of Engineering, Pune
- VIII. Advisory Board Member for National / International Conferences
- IX. Reviewer at National / International Conferences

19. Journal Editor:

Australian Journal of Wireless Technologies, Mobility and Security
ISSN 2200-1875 Print, ISSN 2200-1883 Online at <http://www.ausjournal.com>

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

SIGNATURE