Curriculum Vitae

Prof. Dr. Vaishali B. Patil
 Director
R.C.P.E.T's Institute of Management Research and
Development, Shirpur, Dist- Dhule
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Highlights:

- ✓ Director of RCPET's Institute of Management Research and Development, Shirpur since January 2016. [Acting Director from 2006-2016]
- ✓ Unopposed **Senate member** of Kaviyatri Bahinabai Chaudhary North Maharashtra University, Jalgaon, from Principal constituency for January 2023 to August 2027.
- ✓ Member, Board of Studies (Computer Science) for 2017-2022, 2023-2027(Current)
- ✓ Member, Board of Directors, The Shirpur People's Cooperative Bank for the third consecutive 5 year term.
- ✓ Ph. D. degree in Computer Science, from School of Computer Science, North Maharashtra University. [First Woman PhD awardee from KBCNMU]
- ✓ Approved Professor in MCA.
- ✓ Approved PhD Guide in Computer Science of KBC North Maharashtra University, Jalgaon
- ✓ Total Year of Experience is 20+ Years.

Academic Background:

Examination	Year of Passing	Board / University	Class
Ph.D. (Computer Science)	11th Sep. 2015	North Maharashtra University, Jalgaon	
M.C.A.	July -2003	North Maharashtra University, Jalgaon	First Class
B.Sc. (Computer Science)	June -2000	North Maharashtra University, Jalgaon	First Class

Ph.D. Thesis:

Title -   Link Grammar Formalism for Marathi Language and Its Parsing using Link Grammar Parsing Algorithm.
Guide Name – Prof. Dr. B. V. Pawar
                School of Computer Sciences, NMU, Jalgaon.

Work History:

College/Company	Department	Year	Duration
Prabodhan Infosystems Pvt. Ltd. Pune	Software Quality Assurance	From Dec 2002 to June 2003	07 Months
R.C.P.E.T's Institute of Management Research and Development, Shirpur	Computer Application (MCA)	From 11/08/2003 To till date	20 Years 05 Months

Summary of Research Work

Papers Published in International / National Journals:	16
Papers Published in Conference Proceedings:	05
Poster Presentations in Research Festival:	04
Participation in Workshop/Seminar:	13
Published Book/Book Chapter:	01

Summary of Research Grant

VCRMS, NMU, Jalgaon	01
Project Title – Development of Ahirani Isolated Words Speech Database for Agriculture Purpose. [Grant of worth Rs. 70,000/-] NMU/11A/VCRMS/Budget-2014-15/Science-6/174/2015 dated 30/03/2015.	

Research Supervision

Recognized PhD guide in the Subject Computer Science from KBCNMU, Jalgaon Letter – KBCNMU/11/Ph.D./16/2022 dated 2/8/2022	
PhD students currently enrolled	5

Papers Published in International /National Journal:

1. Vaishali. B. Patil and Bhausaheb V. Pawar, " Developing Verb Phrase Links for Marathi Link Grammar Parser", The International Congress for Global Science and Technology – Artificial Intelligence and Machine Learning Journal, Vol. 11, Issue 2, pp 33-38, 2011.

2. Vaishali B. Patil and Bhausaheb V. Pawar, "Developing Links for Marathi Noun Phrase Morphology for Proposed Link Grammar Parser", Karpagam Journal of Computer Science, Vol.6, Issue 6, pp. 291-299, 2012.

3. Vaishali B. Patil and B. V.Pawar, "Developing Links of Compound Sentences for Parsing through Marathi Link Grammar Parser", International Journal on Natural Language Computing (IJNLC), Vol. 3 issue 5/6, pp. 1-9, December, 2014.

4. Vaishali B. Patil and B. V.Pawar, "Modeling Complex Sentences for Parsing through marathi Link Grammar Parser", International Journal of Computer Science Issues, Vol. 12, Issue 1, pp. 108-113, January, 2015.

5. Prashant Mahajan, Vaishali patil, "Making it normal for 'new' enrollments: effect of institutional and pandemic influence on selecting engineering institutions under the CoVID-19 pandemic situation", Heliyon, Elsevier Publications, Vol 7, Issue 10, October, 2021

6. Manoj Ishi, Jayantrao Patil, Vaishali Patil, "An efficient team prediction for one day international matches using a hybrid approach of CS-PSO and machine learning algorithms", Array, Elsevier Publications, Vol 14, July 2022

7. Manoj Behere, Ajay Patil, Vaishali Patil, "Survey of Anaphora resolution of Indian languages", Journal of Stochastic Modeling and Applications, Vol 26, Issue 3, pp. 282-288, July 2022

8. Manoj Ishi, Jayantrao Patil, Nitin Patil, Vaishali Patil, "Winner Prediction in One day international cricket matches using machine learning framework: an ensemble approach", Indian Journal of Computer Science and Engineering, Vol 13, Issue 3, pp 628-641, June 2022.

9. Hemant Ingale, Anil Patil, Shekhar Suralkar, Vaishali Patil, "Machine Learning for Crowd Analysis and Classification", Jundishapur Journal of Microbiology, Vol 15, Issue 1, 985-996, 2022.

10. Jagdish Jadhav, Sagar More, Vijay Patil, Kiran Sonawane, Vaishali Patil, Pravin Patil, "UWB BPF Using Hybrid Microstrip CPW With DGS structure for future wireless communication", Science and Technology Journal of Mizoram University, Vol 10, Issue 1, pp 66-73, January 2022.

11. S A Patil, S A More, V S Patil, V B Patil, A J Patil, "Pose varient Face Recognition in Video", Vidyabharati International Interdisciplinary Research Journal, Special Issue, pp 1115-1125, October 2021.

12. V B Patil, M B Patel, C S patil, A P Patil, V A Patil, "The Computational Approach for Keeping Indain Dialects Alive", Vidyabharati International Interdisciplinary Research Journal, Special Issue, pp 550-558, October 2021.

13. S A More, V S Patil, V B Patil, S A Patil, A J Patil, "Human Gait Recognition by fuzzy representation of partial wavelet coherence", Vidyabharati International Interdisciplinary Research Journal, Special Issue, pp 1153-1163, October 2021.

14. Patil, Mrs Chhaya S; Patil, Vaishali B, "A Review on Marathi Language Speech Database Development for Automatic Speech Recognition (ASR) System", International Journal of Engineering Research and Applications, Vol 7, Issue 3, pp 34-36, March 2013.

15. Sumit Shivaji Sagale, Tushar Ramesh Patel, Manoj Brijlal Patel, Vaishali Bhagwat Patil, "An Analytical study of Challenges faced by College Students in their online shopping with special reference to Shirpur city", South Indian Journal of Social Sciences, Vol XXX, No 1, pp 70-78, 2023.

16. Amit P.Patil and Vaishali B.Patil Chhaya S.Patil "Transformers: Deep-Diving into NLP Revolutionaries and their Impact on Word Sense Disambiguation", Indian Journal of Natural Sciences, Vol 15, Issue 85, pp 78924-78930, 2024

Papers Published in Conference Proceedings:

1. Vaishali B. Patil, "Intelligent Tutoring System: The way to Child Development" National Conference on Use of Computer and Internet for Child Development organized by PG Department of Computer Science, SSVPS's LKDr PR Ghogrey Science College, Dhule during 20-21 January, 2006

2. Vaishali B. Patil, "Knowledge Management – An Emerging Trend for the 21st Century", State Level Seminar on Recent Trends in Management Organized by Department of Commerce, V W S college, Dhule during 29-30 January, 2007

3. Vaishali B. Patil and Bhausaheb V. Pawar, "Developing Subject/Object links with Verb for Marathi Link Grammar Parser", National Conference on Advances in Computing, NCAC11, North Maharashtra University, Jalgaon, February 2011.

4. Vaishali B. Patil and Bhausaheb V. Pawar, "Influence of Karaka Relation in the framework of Marathi Link Grammar Parser", National Conference on Advances in Computing, NCAC13, North Maharashtra University, Jalgaon, February 2013.

5. Vaishali B. Patil and Chaya Patil, "Dialect Identification and Speech Corpus "for Isolated Agriculture Words of Ahirani Language" One day National Conference on Emerging Trends in Computer and Information Technology, ETCIT, Bhusawal Arts, Science and P. O. Nahate Commerce College, Bhusawal, October, 2015.

Poster Presentations in Research Festival:

1. Vaishali B. Patil and Bhausaheb V. Pawar, "Link Grammar for Marathi Language", Avishkar, University level Competition, **Second Prize**, North Maharashtra University, Jalgaon, December 2009.

2. Vaishali B. Patil and Bhausaheb V. Pawar, "Link Grammar for Marathi Language", Avishkar, Maharashtra State level Competition, Solapur University, Solapur, January 2009.

3. Vaishali B. Patil and Bhausaheb V. Pawar, "Developing Verb Phrase Links for Marathi Link Parser", Avishkar, University level Competition, **First Prize**, North Maharashtra University, Jalgaon, December 2010.

4. Vaishali B. Patil and Bhausaheb V. Pawar, "Developing Verb Phrase Links for Marathi Link Parser", Avishkar, Maharashtra State level Competition, **First Prize**, Health Science University, Nasik, January 2011.

Conferences/Seminar and Workshops Participated:

1. Participated in Human Resource Development Intervention – FEEL Teacher held at R C Patel Institute of Technology, Shirpur conducted by College of Leadership and Human Resource Development, Manglore during January to 12th January 2006 and 15th to 18th November 2006.

2. Participated in National Workshop on "Emerging Research Trends in Advanced Computing" organized by Department of Computer Science, North Maharashtra University, Jalgaon during 14th to 15th July 2007

3. Attended "Workshop on Ontology, NLP, IE and IR" held at IIT Bombay during 16th to 18th July 2008

4. Participated in "6th International Conference on Natural Language Processing" held at CDAC, Pune during 20th to 22nd December 2008

5. Participated in HR Meet Seminar on "Talent Acquisition and Management: Issues and Challenges" organized by Management Association of MCA Institutes at YASHADA, Pune on 14th March 2009

6. Participated in National Seminar on "Advances in Computing" organized by Department of Computer Science, North Maharashtra University, Jalgaon during 16th to 17th March 2009

7. Participated in Five day Sensitivity-Awareness-Motivation workshop organized by Women's Study Center, North Maharashtra University, Jalgaon under Capacity Building of Women Managers in Higher Education sponsored by UGC, New Delhi during 19th to 23rd October 2010.

8. Participated in Mission10X workshop organized by Wipro for 'High Impact Teaching Skills' conducted at R. C. Patel Institute of Technology, Shirpur during 27th to 31st December 2010.

9. Participated in one day workshop on "Leadership Development Program for Cooperative Bank's Directors", organized by Dr Vitthalrao Vikhe Patil Institute of Cooperative Management, Pune on 26th March 2011 held at Shirpur People's Cooperative Bank Ltd.

10. Participated in Faculty Development Program on "Computer Management" held at KCE's Institute of Management & Research, Jalgaon on 24th August, 2011.

11. Participated in Two days ISTE workshop on "Writing Effective Conference Papers", conducted by IIT, Bombay under National Mission on Education through ICT (MHRD) on 18th and 19th February, 2012.

12. Participated in UGC sponsored Training of Trainers (TOT) Workshop on "Capacity Building of Women Managers in Higher Education", organized by Tata Institute of Social Sciences, Mumbai during 2nd to 7th March, 2012.

13. Participated in National workshop on "Advances in Computing (NWAC -2014), NLP Track" held at School of Computer Sciences, organized by North Maharashtra University, Jalgaon on 10th to 12th February 2014.

14. Participated in One day National Conference on "Recent Developments in NAAC Assessment and Accreditation Process" organized by Shirpur Education Society's Smt H R Patel Arts Mahila College, Shirpur Dist- Dhule on 9 February 2019.

15. Participated in Two day "Principal/HoD Conclave" a Corporate Social Responsibility initiative conducted by Infosys BPM Ltd at Pune on 25th and 26th June 2024.

Book/Book Chapter Published:

1. Smital Dhanraj Patil, Pramod Jagan Deore, Vaishali Bhagwat Patil, "Automated classification of ovarian tumors using GLCM and Tamura features with Light GBM classifier" Recent Advances in Material, Manufacturing, and Machine Learning, CRC Press, pp 755-760, 2023.

Resource Person:

➢ Faculty Development Program: Conducted 3 sessions on 31st January 2024 on "Women and Governance" in 5 day Women in Leadership FDP organized by Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur (RTMNU) in collaboration with Punyashlok Ahilyabai Holkar Solapur University, Solapur and in association with Maharashtra State Faculty Development Academy, (MSFDA) Pune.

➢ Faculty Development Program: Conducted 3 sessions on 20th April 2023 on "Women and Governance" in 5 day Women in Leadership FDP organized by Punyashlok Ahilyabai Holkar Solapur University, Solapur in association with Maharashtra State Faculty Development Academy, (MSFDA) Pune.

➢ Student's Personality Development Workshop: Conducted a session on 23rd February 2022 on "Gender Equality" in two day Personality Development Workshop organized by R C Patel Institute of Pharmaceutical Education and Research, Shirpur.

➢ Student's Personality Development Workshop: Conducted a session on 21st January 2022 on "Traits and Skills Required for Personality Development" in one day Personality Development Workshop for Girl Students organized by R C Patel Institute of Pharmaceutical Education and Research, Shirpur.

➢ Personality Development: Conducted a session on 7th March 2020 on "Personality Development for School Children" in one day Personality Development Workshop for

school children organized by Zilha Parishad School, Khalane, Tal Shindkheda, Dist Dhule

➢ Student's Personality Development Workshop: Conducted a session on 10th October 2019 on "Personality Development" in one day Personality Development Workshop for students organized by R C Patel Institute of Pharmaceutical Education and Research, Shirpur.

➢ Conducted sessions on Personality Development, Gender Equality, Women and Leadership in colleges affiliated to KBCNMU, Jalgaon at Mahatma Gandhi Shikshan Mandal, Dr Suresh G Patil Kala Vanijya v Vidnyan Mahavidyalay, Chopada, Pujya Sane Guruji Vidya Prasarak Mandal Sanchalit Aushadh Nirmanshastra Mahavidyalay Shahada.

Responsibilities held in Academics and Administration:

➢ Subjects taught like Software Engineering, Artificial Intelligence etc. in MCA

➢ Worked as a Member Local Inquiry Committee of North Maharashtra University, Jalgaon

➢ Member, Board of Studies (Computer Management), North Maharashtra University during April, 2011 to April 2015.

➢ Chairman, Board of paper Setters in MCA, North Maharashtra University, Jalgaon.

➢ Member, Practical Examination Panel of M.C.A., M.Sc(Computer Sci), M.B.M(Computer Management)

➢ Initiated Computer Society of India's Student Branch at IMRD, Shirpur since 2007

➢ Judged the programming contest on C and C++ at Agrawal Institute of Management, Chalisgaon held in the year 2007

➢ Major role in Policy making, Budgeting and HR activities at IMRD, AICTE/DTE/NMU Process follow ups.

- Organizing Chairman for National Seminar on Emerging Trends in Information Technology and Computer Science at IMRD, Shirpur in Feb 2010.

- Delivered Guest Lectures at R.C.P.E.T's various colleges on IT and related subjects.

- Member of Board of Directors, The Shirpur People's Cooperative Bank Since 2010.

- Former Member of Executive Council of Maharashtra state level Management Association of MCA Institute (MAMI).

- Former Member of Advisory Committee, Women Studies Center, North Maharashtra University, May 2010-2012.

- Organizing Chairman of Two day Faculty Development Workshop on Natural Language Processing and Cloud Computing at RCPET's IMRD held on 13th and 14th February 2016.

Personal Details

Full Name:	Vaishali Bhagwat Patil
Name in Devnagari:	वैशाली भागवत पाटील
Email ID:	vaishali.imrd@gmail.com
Date of Birth:	27th May 1980
Mobile No: **Office Phone :**	9823299973 9021563824
Marital Status:	Married
Spouse Name:	Prof. Dr Pramod J. Deore. Deputy Director, R. C. Patel Institute of Technology, An Autonomous Institute, Shirpur.
Nationality :	Indian
Languages Known:	English, Hindi, and Marathi
Online Presence : LinkedIn https://www.linkedin.com/in/dr-vaishali-patil-0826ab43/ **Google Scholar** https://scholar.google.com/citations?user=x3o8K-cAAAAJ&hl=en	

Correspondence Address:

Prof Dr. Vaishali Bhagwat Patil
31 A/B, Premkamal Nagar,
b/h R.C. Patel Pharmacy College,
Shirpur, Dist – Dhule.
425405

DECLARATION

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Date:
Place: Shirpur.   Dr. Vaishali Bhagwat Patil