

**Shri Shivaji College of Arts, Commerce and Science,  
Akola  
Faculty Profile**



1. Name : **Dr. Dipak Nanaji Beseekar**
2. Address (residential) : Yeshashri Sankul, Near maliwal gas godown,  
Jyoti Nagar, Jathar Peth, Akola
3. Phone No. / Cell No. : 0724-2490247, 9423129220
4. E-mail address : dnbeseekar@gmail.com
5. Designation : Associate professor
6. Department : Computer Science
7. Date of birth : 06-06-1962
8. Area of specialization : Image Processing, Character Recognition, Data Mining, Data Warehousing
9. **Academic qualification** :

Examination passed	University	Subject/ Specialization	Year of passing	Division/ Grade/ Merit
Bachelor's Degree	Nagpur	Phy, Mth, Chem.	1985	I
Master's Degree M.C.A.	Allahabad (MNNIT)	Computer Application	1990	II
M. Phil.	Amravati	Comp.Sc.	2009	
Ph.D.	Amravati	Comp.Sc.	2015	

**10. Membership of Academic Organizations :**

- Member of Amravati University Computer Science Teachers Association

**11. Seminars/ Conferences/ Symposia/ Conferences attended and organised**

**Seminar Organised:**

Sr. No.	Name of the Conf./Seminar/ Workshop etc	Place and Name of the Sponsoring Agency	Place and Date	Paper Presented
1	National Seminar on ITES-2009	UGC, New Delhi	Shri Shivaji College, Akola, 11-04-2009	Attached a list
2	National Seminar on "Dr.B.R.Ambedkar's Economic Philosophy and Indian Economic Policy in the Global Scenario"	UGC, New Delhi	Shri Shivaji College, Akola, 24-10-2009	Organizing Secretary
3	National Seminar on "Dr.B.R.Ambedkar and his idea of Social Justice in Indian Constitution"	UGC, New Delhi	Shri Shivaji College, Akola, 31-01-2011	Organizing Secretary
4	International Conference on "Dr. Babasaheb Ambedkar's Buddhism and its Emancipatory Potential"	UGC, New Delhi	Shri Shivaji College, Akola, 27 <sup>th</sup> & 28 <sup>th</sup> -01-2012	Organizing Secretary
5	Interdisciplinary	UGC, New Delhi	Shri Shivaji	Organizing

	International Conference on “Relevance of Dr. Babasaheb Ambedkar, Mahatma Gandhi and Pandit Nehru’s Ideology in the Present scenario”		College, Akola, 29 <sup>th</sup> & 30 <sup>th</sup> -10-2012	Secretary
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### Papers Published in Journal:

Sr. no.	Title of Paper and Authors	Name of Journal	Issue/Vol/year	IMPACT FACTOR CITATIONS IF ANY AND YEAR
1.	“Recognition of Numerals of MODI Script using Morphological Approach” by D. N. Beseekar	Shodh Samiksha Aur Mulyankan, International Referred Research Journal.	ISSN:0974-2832 Issue:27, Vol:3, pp. 63-66, April – 2011.	Impact Fact: 1.0006
2.	“A Chain Code Approach for Recognizing MODI Script Numerals” by D. N. Beseekar, Dr. R. J. Ramteke	Indian Journal of Applied Research, Listed in International ISSN Directory, PARIS Impact Fact: 0.8	ISSN:2249-555X pp. 222-225, Issue:3, Vol:1, December-2011,	Impact Fact: 3.624 ICV- 6.44
3.	“Special Approach for Recognition of Handwritten MODI Script’s Vowels” by D. N. Beseekar,	Proceeding: UGC Sponsored National Conference on Recent Trends in Computer Science Org. by JDIET, Yavatmal	ISBN-973-93-80870-65-0 Published By IJCA, pp: 48-52, 15 <sup>th</sup> September-2012,	
4.	“Study for Theoretical Analysis of Handwritten MODI Script- A Recognition Perspective” by D. N. Beseekar, Dr. R. J. Ramteke	International Journal of Computer Application Impact Factor: 1.8 IJCA- New York, USA	ISSN Online: 0975-8887 Vol.64, No.3, pp 45-49, February – 2013	Impact Factor: 1.8 ICV- 4.6
5.	“Special Approach for Segmenting and Recognizing Connected Handwritten MODI Script Characters” by D. N. Beseekar,	Asian Resonance International multidisciplinary Journal, sponsored by Social Research Foundation, Kanpur (U.P.)	ISSN: 0976-8602 Vol.III, Issue-I, pp. 17-21, January 2014.	Impact Factor: 0.384
6.	“Segmentation of Multilevel Text line Handwritten MODI Script Document” by D. N. Beseekar,	International Journal of Research in Computer Science & Information technology (IJRCSIT)	ISSN: 2318-5010, Vol. 2, Issue 2(A), pp. – 171-176 March 2014	Impact Factor: 1.6
7.	“Feature Extraction Algorithm for Handwritten Numerals Recognition of MODI Script using Zoning-Based	International Journal of System, Algorithm and Applications,	ISSN online- 2277-2677, Vol.2, Issue: ICRASE12 , pp. 1-4 Nov-2012,	Impact Factor- 1.69

	Approach” by D. N. Besekar, Dr. R. J. Ramteke			
8.	“A Perspective on Statistical Technique and Tools for Data mining Application”, by D. N. Besekar, Dr. O. P. Vyas.	‘Science Journal’ of Government Vidarbha Institute of Science & Humanities, Amravati.	ISSN 0973-8932, VOL. III, pg. 1- 3, 2006.	
<b>Papers Published in Proceeding/Books:</b>				
9.	E-MARKETING by D. N. Besekar	Proceeding on Foreign Direct Investment In India Problems and Prospects,	Published by S. D. College, Muzaffarnagar (UP)	
10	“Applicability of Information Technology In Insurance” by D. N. Besekar	Proceeding on ‘Innovative Technology for Insurance sector’ Published by Shri.Shivaji College, Akola	ISBN – 978-81- 923621-3-7 October, 2012	
11.	“Special Approach to Reduce Speckle Noise for Clinical Ultrasound Imaging” by D. N. Besekar	Published in Book “Innovative Research Trends In Biological sciences”	ISBN – 978-81- 923621-0-6, 2012	
12	“Dr. Ambedkar’s Ideology on Democracy” by Dr. D.N. Besekar	Published in Book	ISBN – 978-93- 82414-15-5 pp- 29-32 October, 2012	
13	“Practical View of Buddhism” by Dr. D.N. Besekar	Published in Book	ISBN – 978-81- 922414-5-6, Jan, 2012	
14	B.Sc.-III (Sem-VI) Syllabus based chapter.	Published in Book	Jan, 2015	
15	“A Perspective on Information technology in agriculture to compete global economy” Chapter in a Book by D.N.Besekar	Published in Book “Strategic Business Management: Creating Competitive Advantage in Global Economy” by G.Bansal, S.Sharma & K.N.Kang	publication date- 2007 publisher: Deep and Deep,New Delhi	Copyright 1995- 2006 Inc.

### **Seminars/ Conferences/ Symposia/ Conferences attended**

<b>International</b>	i) On “Challenges and opportunities in IT Industries” (ICCIT-2005) Venue: Panjab College of Technical Education, PANJAB . Date:12 <sup>th</sup> Nov 2005.	Paper
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	<b>Paper read:</b> “Development of Technique to Recognize Different Characters and Symbols.”	Presented
<b>International</b>	ii) on “creating Competitive advantage in Global Economy” (ICCCAGE – 2006) Venue: Panjab College of Technical Education, PANJAB . Dated: 8 <sup>th</sup> April 2006 <b>Paper read:</b> “A Perspective on Information Technology In Agriculture to Compete Global Economy”	Paper Presented
<b>International</b>	iii) On “Global Trends in Information Technology” (ICGTIT-2007). Venue: Panjab College of Technical Education, PANJAB Dated: 31 <sup>ST</sup> March 2007. <b>Paper read:</b> “Data Mining from Very High Dimention Data using Special Row Enumeration Technique”	Paper Presented
<b>National</b>	UGC sponsored National Seminar on Dr. B.R. Ambedkar thoughts.Venue: Gulam Nabi Azad college, Barshitakali, Dist. Akola. Date: 16-03-2008. Paper: “Dr. Ambedkar’s thoughts on Education & Impact on current situation”	Paper Presented
<b>National</b>	(2) National Seminar on “Information Technology Enabled Services”, (ITES-2009) Venue: Dept. of Computer Science and Information Technology Shri Shivaji College, Akola, Date: 11-04-2009 <b>Paper read:</b> <b>1. Study to develop an approach for rotation invariant Modi numeric characters recognition using eigen digit</b> <b>2. Effective optimization technique for web mining.</b> <b>3. Survey : Study of online and offline character recognition</b>	Paper Presented
<b>National</b>	i) “A Novel Approach to Strengthen the Agriculture System Using IT” Published in: National Conference Proceeding on “ Recent Trend in Information Technology for Rural Development” Shegaon College of Engineering, Shegaon. Date: DEC 2007	Paper Presented
<b>National</b>	ii)National Seminar on “Foreign investment in India: Problem and Prospects” (NSFDI-2005 Venue: S.d. (P.G.) College , Muzaffarnagar (U.P.) Dated: 26-27 November 2005 <b>Paper read:</b> “E- Marketing”	Paper Presented
<b>National</b>	iii) National conference on “Computer Communication And Security” Venue: BAMU , Aurangabad Dated: 4 <sup>th</sup> -5 <sup>th</sup> January 2004	Attended
<b>National</b>	iv)National Conference on “RECENT TREND IN INFORMATION TECHNOLOGY FOR RURAL DEVELOPMENT” Venue: Shegaon College of Engineering, Shegaon. <b>Paper read:</b> “A Novel Approach to Strengthen the Agriculture System using IT” Dated: 9-10 <sup>th</sup> DEC 2007.	Paper Presented
<b>State</b>	v)State level Seminar on “Importance of E- Commerce in Present Age” Venue: Shri. Shivaji College, Akola <b>Paper read:</b> “E-Commerce Application of Data Mining”	Paper Presented
<b>National</b>	vi)Eighth Annual Conference of Society of Statistics, Computer & Application . Venue: GVISH , Amravati. Date: 28-30 November 2005.	Attended
<b>International</b>	UGC Sponsored Interdisciplinary International Conference on “Dr. Babasaheb Ambedkar’s Buddhism & Its Emancipatory Potential” by Shri. Shivaji College, Akola. on 2012, 27th-28th	Paper Presented

	JAN, Title: "Practical View of Buddhism"	
<b>National</b>	National Conference on Advances in Computing organized by Dept. of computer Science, North Maharashtra University, Jalgaon. 16-17 March 2012	Attended
<b>National</b>	National Conf. on Innovative Research Trends in Biological Sciences, by Shri. Shivaji College, Akola. On 8-9 <sup>th</sup> Sept. 2012. "Special Approach to Reduce Speckle Noise for Clinical Ultrasound Imaging"	Paper Presented
<b>International</b>	Two days Interdisciplinary International Conf. on Relevance of Dr. B. Ambedkar, Mahatma Gandhi & Pandit Neharu's Ideology in the Present Scenario, By Shri shivaji College & Dr. Ambedkar Studies Centre, Akola On .29-30, Oct. 2012. "Dr. Ambedkar's Ideology on Democracy."	Paper Presented
<b>International</b>	Association of Scholars & Professionals , Hyderabad, India, International Conf. on Recent Advances in Science and Engineering (ICRASE 2012), 2012,Oct.30-31 "Feature Extraction Algorithm for Handwritten Numerals Recognition of MODI Script using Zoning-based Approach."	Paper Presented
<b>National</b>	National Conference on Advances in Computing organized by Dept. of computer Science, North Maharashtra University, Jalgaon. 5-6 March 2013. Title: "Area and Feature Based Image Registration-A Survey"	Paper Presented
<b>National</b>	National Seminar on "Ambedkarite Philosophy: Its Relevance" organized by Dept. of Philosophy, Dhanwate National college, Nagpur, on dated 28-29 Sept., 2013.	Attended
<b>University level</b>	Intercollegiate university level "Mathematical Sciences Seminar Competition" under CPE organized by shivaji college, Akola on dated 21st Dec. 2013.	Member of Organizing committee
<b>National</b>	National Conference on "Computer Science, Information Technology and Management" organized by Sinhgad Institute of Computer Sciences(MCA), Korti, Pandharpur on dated 6th & 7th March, 2014. Title: "segmentation of multilevel Text line Handwritten MODI scriptDocuments"	Paper Presented
<b>National</b>	7 Days Workshop on "Research Methodology using IBM SPSS Statistics 22.0" organized by All India Accounting Association and Shivaji college ,Akola, from 16 to 22 April, 2014	Attended
<b>Society level</b>	Science conference on "Let's Understand Inquiry Based Learning and Constructivism" organized by Homi Bhabha Centre for science education, Tata Institute of Fundamental Research, Mumbai. on dated 20-22 Dec, 2014	Member of Organizing committee
<b>University level</b>	One Day Workshop on "Data warehousing and Restructuring the Curriculum of U.G. and P.G. Computer Science" organized by SGBAU computer science Teacher's Association and Shivaji science college, Amravati. on Dated 9th January 2015.	Attended
<b>Society level</b>	Two days Workshop on "Robotics" organized by ARK solution and IIT pawai, Bombay with Dept. of computer science, Shi. Shivaji College, Akola. on dated 24th & 25th FEB. 2015.	Convener

## 12. Research Projects Completed / Ongoing

Title of the project	Name of the funding agency	Duration	Remarks
Recognition of Hand written English Alphabets	UGC, New Delhi	2 Years	Completed

### 13. Teaching Experience

Courses Taught	Name of the University/ College/ Institution	Duration
UG	Shri Shivaji College, Akola	25 Years
PG	Shri Shivaji College, Akola	8 Years
M.Phil	-	-
Other (Career Oriented Programme)	Career Oriented Programme	7 Years

### 14. Innovations/ Contributions in Teaching

- a. Design of Curriculum
  - Design of syllabus & Scheme of UG & PG & COP Course as a member of Board of Studies in Computer Science
- b. Teaching Methods
  - Classroom teaching, Group Discussions, Use of DLP/LCD Projectors, Questions & answers
- c. Laboratory Experiments
  - Execution of programs, Flowcharts, Dataflow diagrams
- d. Preparation of resource materials
  - Program list, Internet, CD/DVD, etc.
- e. Extension activities/ consultancy/ community works
  - Conducted computer awareness program for rural & poor students

### 15. Role in college activities

- Member of website design committee
- Member of computer committee
- Member of college Admission committee.

### 16. Role in university activities

- Member of Board of Studies in Computer Science
- Member of Local Enquiry Committee
- Member of Subject Examination Committee
- Member of Syllabus Committee
- Subject expert and V.C. nominee in selection & placement committee
- Paper Setter and Valuer for UG & PG exams
- External Examiner in YCMOU, Nashik

### 17. Any other information

- Honourd by “Rashtriya Samata Puraskar”, awarded by Samata Sahitya Academy, Yavatmal, on dated 9<sup>th</sup> May 2010.
- Member of Dr. Ambedkar Engineers Association of Akola Dist.
- Paper Setter and Valuer for UG & PG, PGDCA exams at PRSSU, Raipur (C.G.).
- Guid for Project of MCA student, IGNOU, New Delhi.
- Honour as Guest at various social & Educational Institution.