

Curriculum Vitae



Name : Dr. Sonali Shankar Gaikwad
Qualification : M.Sc. (Computer Science)
Designation : Assistant Professor
College : Shri Shivaji Science And Arts
College,Chikhali.Dist.Buldana.
Address : Plot No.7.N-12, Secor-B,Hudco, Aurangabad.
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Cell No. 9422206128
E-Mail : sonalig.15@gmail.com
Date of Birth : 15 December 1983
Date of joining : 25 January 2020
Nationality : Indian
Academic Qualification Details :

Examination passed	College/ Institute	Board/ University	Subject/ Specialization	Year of passing	Division/G rade
S.S.C.	Sharda Mandir Kanya Prashala. Aurangabad	SSC Board	Marathi,Sanskrit,Eng lish,Maths,Science,S ocial Science.	1999	First
H.S.S.C. (10+2)	Deogiri College,Aurangabad	HSC Board	English,Sanskrit,Mar athi,Physics,Chemist ry,Biology	2001	Second
B.Sc.	Deogiri College,Aurangabad	Dr.B.A.M. University, Aurangabad	Botony,Zology, Computer Science	2004	First
M.Sc.	Dr.B.AM.University Computer Science Department.	Dr.B.A.M. University, Aurangabad	Computer Science	2006	First
Ph.D.	Dr.B.AM.University Computer Science Department.	Dr.B.A.M. University, Aurangabad	Computer Science	2018	Awarded

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Experience: Teaching : 2.9 Years

Research : 09 Years

Ph.D. Thesis Title : DESIGN AND DEVELOPMENT OF NOVEL CLASSIFIER FOR DIABETIC RETINOPATHY FEATURES DATABASE CLASSIFICATION

Ph.D. Supervisor : Dr. Ramesh R. Manza

Area of Research : Digital Image Processing

RESEARCH PROFILE

1. Research Papers published in journals:

Sr. No	Title	Name of Authors as mentioned in paper	Journal, Vol. No., Page No. Year	Impact Factor if any	ISSN/ ISBN No.
1.	Diabetic Retinopathy Disease Extraction using Digital Image Processing Techniques – A Review”.	Sonali Gaikwad, Dr.R.R.Manza	International Journal of Advanced Engineering and Global Technology, (IJSER)Vol-05, Issue-05, 1954-1956, 2017	0.5	2309-4893
2.	Fundus Blood Vessels Extraction Using Digital Image Processing Techniques.	Sonali Gaikwad, Dr.R.R.Manza	International Journal of Engineering Research & Technology (IJERT) Vol. 6 Issue 10,2017, 07-09	2.97	2278-018
3.	Detection of Hemorrhage from Retinal Images Using Digital Image Processing Techniques.	Sonali Gaikwad, Dr.R.R.Manza	International Journal of Engineering Development and Research (IJEDR) Volume 5, Issue 4,2017, 245-248	5.67	2321-9939
4.	Detection and Counting of Microaneurysms Using Digital Image Processing Techniques,	Sonali Gaikwad, Dr.R.R.Manza	International Journal of Advance Engineering and Research Development (IJAERD) Volume 4, Issue 11,2017	4.72	2348-4470
5.	Extraction of Exudates from Fundus Images Using Digital Image Processing Techniques	Sonali Gaikwad, Dr.R.R.Manza	International Journal for Science and Advance Research in Technology	4.29	2395-1052

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			(IJSART) Volume 3, Issue 11, 2017, 709-710		
6.	Collation Using Statistical Features Midst Regular Insulin and NPH Insulin.	Anupriya Kamble, Jyotsna Gaikwad, Sonali Gaikwad , Ramesh Manza	Pensee Journal- Scopus Active and UGC-Care Approved Group-II Journal, Volume 51, Issue 4, April. 2021, 2138-2143,	Scopus	0031-4773
7.	Prediction of the State of Diabetes Disorder using Simple Decision Tree Classification Technique	Anupriya Kamble, Jyotsna Gaikwad, Sonali Gaikwad , Shaikh Abdul Hannan, Mohammed Alwazzab Alzaharani, Ramesh Manza	Pensee Journal - Scopus Active and UGC-Care Approved Group II Journal, Volume 51, April 2021, 2132-2137	Scopus	0031-4773

2. Papers presented in Conferences / Seminar / Symposia / Workshop:

Sr. No.	Title of Paper	Title of Event	Level	Date	Organizer
1.	Design and Development of Novel Technique for Diabetic Retinopathy Features Classification	National Conference on Recent Innovation in Computer Science & Electronics - 2019	National	Jan 18-19, 2019	MSP Mandal's, Deogiri College, Aurangabad, India. Diabetic Retinopathy Features Classification National Conference on Recent Innovation in Computer Science & Electronics - 2019

3. Training Courses, Teaching-Learning-Evaluation Technology Programmes, Faculty Development Programmes (not less than one week duration)

Sr. No.	Programme	Duration	Organized By
1.	4-Week Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education"	May 18 - 17 June, 2021	PMMMNMTT [Teaching Learning Centre] Ramanujan College, University of Delhi
2.	FIFTEEN DAYS ONLINE REFRESHER COURSE "Emerging Best Practices in Higher Education"	22nd June to 06th July 2021	PMMMNMTT Smt. Radhadevi Goenka College for Women and Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi
3.	ONLINE TWO - WEEK REFRESHER COURSE/ FACULTY DEVELOPMENT	29 June - 13 July, 2021	PMMMNMTT [Teaching Learning Centre] Ramanujan College, University of Delhi

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	PROGRAMME IN COMPUTER SCIENCE “NEXT GENERATION TECHNOLOGIES”		
4.	TWO - WEEK INTERDISCIPLINARY REFRESHER COURSE/ FACULTY DEVELOPMENT PROGRAMME on “Research Methodology”	20 July –03 August, 2021	PMMMNTT [Teaching Learning Centre] Ramanujan College, University of Delhi
5.	Online” Faculty Induction Programme-6”	30 August 2021-08 October 2021	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDRABAD

4. Events Organized:

Sr. No.	Events	Level	Funded By	Date	Position
1.	Webinar on “Cyber Security”	National	-	09 July 2020	Technical Secretary
2.	“Online Programming Quiz”	State	-	01 March 2021	Co- Convener
3.	National Level Workshop on “Big Data”	National	-	05 August 2021	Organizing Secretary
4.	National Level Webinar on” Women Protection and Laws”.	National	-	09 April 2021	Technical Secretary
5.	Guest lecture on the occasion of “World Population Day”.	National	-	05 August 2021	Technical Secretary
6.	National Level Webinar on “Women Empowerment and Laws in India”.	National	-	28 July 2021	Technical Secretary
6.	Certificate Course in MS-Office Suite & Introduction to Internet	College Level	-	06-18 September 2021	Co- Ordinator
7.	Certificate Course on Agricultural based Entrepreneurship	College Level	-	21-30 September 2021	Technical Secretary
8.	National Level Workshop on “Cyber Security” On the occasion of National Science Day	National		04 March 2022	Technical Secretary