1. **Personal details:**

Name:	**Dr. NAGASHETTAPPA BIRADAR**					
Date of Birth:	DAY	MONTH	YEAR	Age as on 30/12/2015	Year	Month
	01	**01**	**1976**			
Place of Birth:	Cite/Village: HONNALI			State:- KARNATAKA	Country: INDIA	
Father's Name:	English	**MALSHETTAPPA BIRADAR**				
Mother's Name:	English	**LATE VIDYAVATHI**				
Religion:- (for statistical purpose only): HINDU						
Nationality:	Gender		Category		Martial Status	
INDIAN	**Male** ☑		SC	ST	**Single**	
	Female		OBC	**GEN** ☑	**Married** ☑	

2. **Contact Details:**

Address for Correspondence		Permanent address	
Principal, Bheemanna Khandre Institute of Technology, Bhalki		Post : Honnali, TQ: Bhalki – 585 328, Dist: Bidar, Karnataka State	
Email:	Phone No.(with STD code)	Mobile No.	Fax No.
bkitbhalki@gmail.com	**Home: 08484-**	**+91 944822128**	

Educational Qualifications:

Degree	Name of the Board/University	Year of passing	%age of marks	Division	Subjects
B.E.	Gulbarga University	1998	74.2%	FCD	Electronics And Communication Engineering
M. Tech	VTU, BELGAUM	2003	73%	FCD	Industrial Electronics
	Topic of the M.Tech. Dissertation: Rotational Motion Compensation of ISAR images				
PhD	IIT Roorkee	2015	Dissertation: Denoising and Segmentation of Echocardiographic Images in Multiple Views		

4. Present Assignment

Designation	Employer (name of the organization)	Date of Joining Date/Month/Year	Nature of Appointment (Adhoc/Temporary/Permanent /Contractual)
PROFESSOR	Bheemanna Khandre Institute of Technology Bhalki	**29/12/2017**	**Permanent**

5. Past Work Experience (Please start from first appointment to the present position). Add additional rows, if needed.

- Principal 29.11.2017 till date
- Professor, Dept of Electronics and Communication Engineering, BKIT, 2017- till date
- Associate Professor, Dept of Electronics and Communication Engineering, BKIT, Bhalki, 2009- 2017
- Assistant Professor, Dept of Electronics and Communication Engineering, REC,Bhalki, 2007 – 2009
- Senior Grade Lecturer, Dept of Electronics and Communication Engineering, REC, Bhalki, 2005 – 2007
- Lecturer, Dept of Electronics and Communication Engineering, REC, Bhalki, 2003 – 2007
- Lecturer, Dept of Electronics and Communication Engineering, VVCE, Mysore, 1999 – 2003

6. Research Experience after obtaining Ph.D.:

➢ Guiding for seven Ph.D Research Scholars of Vishveswaraya Technological University (VTU).

➢ Received Grants worth Rs. 46.5 Lakhs from Dept. of IT and BT, GoK for design of software for assessment of Valvular Regurgitation.

➢ Received Grants worth Rs. 40 Lakhs from VGST under KFIST-II, GoK for FPGA implementation of tools for assessment of Valvular Regurgitation.

➢ Recognized Reviewer for Computers in Biology and Medicine, and Computers and Electrical Engineering, Elsevier Journals.

7. Details of Publications: (Number of Publications)

Sr. No.	Type of Publications	Published	Accepted	Communicated
1	**Reference Books with ISBN No.**	02	-	-
2	**Text Books with ISBN No.**	-	-	-

3	**Edited Books with ISBN No.**	01	-	-
4	**Research Papers in refereed international journals with ISSN NO.**	08	-	-
5	**Papers presented in International Seminars/conferences**	6	-	-
6	**Papers published in proceedings of international seminars/conference**	6	-	-
7	**Papers presented in national seminars/conferences**	4	-	-
8	**Papers published in proceedings of national seminars/conference**	4	-	-

International Journals:

1.	**Nagashettappa Biradar**, M.L.Dewal, M.K.Rohit, "Speckle noise reduction in echocardiographic images of aortic valve and cardiac chambers", *Optik-Int.J.Light Electron Opt.* (2014), vol.126, pp.153-163, **Elsevier**, 2015.
2.	**Nagashettappa Biradar**, M. L. Dewal, and M. K. Rohit, "A novel hybrid homomorphic fuzzy filter for speckle noise reduction," Biomedical Engineering Letters, vol. 4, pp. 176-185, **Springer,** 2014.
3.	**Nagashettappa Biradar**, M.L. Dewal, and M.K.Rohit, "Edge preserved speckle noise reduction using integrated fuzzy filters,"*International Scholarly Research Notices,* 2014, http://dx.doi.org/10.1155/2014/876434.
4.	**Nagashettappa Biradar**, M.L. Dewal, and M. K. Rohit, "Speckle noise reduction using Hybrid TMAV based fuzzy filter," *International Journal of Research in Engineering and Technology,* vol. 3, pp. 113-118, 2014.
5.	**Nagashettappa Biradar**, M.L.Dewal, M.K.Rohit, "Comparative analysis of Despeckling filters for Continuous Wave Doppler images", Biomedical Engineering Letters. vol. 5, pp. 33-44, **Springer,** 2015.
6.	**Nagashettappa Biradar**, M.L.Dewal, M.K.Rohit, "Speckle noise reduction in B-mode Echocardiographic images: A comparison", *IETE Technical Review*, pp. 1-19, **Taylor and Francis**, 2015.
7.	**Nagashettappa Biradar**, M.L.Dewal, M.K.Rohit, "Echocardiographic image denoising using extreme total variation bilateral filter", *Optik-Int.J.Light Electron Opt.*, Vol.127, Issue 1, PP. 30-38, **Elsevier**, 2016.
8.	**Nagashettappa Biradar**, M.L.Dewal, M.K.Rohit, Sanjay Kumar Gowre, Yogesh G, " Blind source parameters for performance evaluation of despeckling filters", International Journal of Biomedical Imaging, Hindawi Journals, 2016

International Conference:

1.	A M Bhavikatti , Kalpana C, **Nagashetty Biradar**, "Performance Evaluation and Comparison of ARQ Protocols for Wireless Channels" , at International Conference,

	03rd & 04th 2006,Manipal Institute Technology, Manipal-576104
2.	A M Bhavikatti ,**Nagashetty Biradar**, "Electro Magnetic Interference Shielding- Recent Trends", at International Conference on Recent Advances in Electronics and Communication Technology, Nov 9th & 10th 2006,GND Engg College, Ludhiana, Punjab
3.	SanjayKumar C Gowre, P K Sahu, J C Biswas, S Mahapatra, and **Nagashetty B**, "Design and Simulation of Fiber with Zero Dispersion Wavelength below 1550 nm using Microstructured Optical Fiber" , **International Conference Photonics 2006**, 13-16 Dec. 2006, Hyderabad University, Hyderabad. **India.**
4.	SanjayKumar C Gowre, P K Sahu, J C Biswas, S Mahapatra, Manjula S, and **Nagashetty Biradar**, "Utilization of Genetic Algorithm for the Efficient Analysis of Microstructured Optical Fiber", , **International Conference CODEC 2006**, 18-20 Dec. 2006, University of Calcutta, Kolkata. **India.**
5.	**Nagashettappa Biradar**, M.L.Dewal, M.K.Rohit, " Challenges in contouring of cardiac chambers and valves in different views", in proceeding of International Conference on HealthTech Innovations 2015, IIT Bombay, 56, 2014.
6.	**Nagashettappa Biradar**, M.L.Dewal, M.K.Rohit, "Automated Delineation of Doppler Echocardiographic images using Texture filters", in proceeding of 2nd **IEEE International Conference** on Computing for sustainable Global Development at Bharatiya Vidyapeeth, New Delhi, 2015.

National Conference:

1.	A M Bhavikatti, SanjayKumar C Gowre, **Nagashetty Biradar**, and Navnath Kale, "Broadband Communication: A new paradigm for an application to wireless networks", NUCONE 2006,30th Nov-2 Dec 2006,Institute of Techonology, Nirma University of Science & Technology, Ahmedabad
2.	**Nagashetty Biradar,** A.M.Bhavikatti, " Ferrite Materials – An Application To Multi layer Chip Inductors (MLCIs)" , Jan 28-29,2007,Gulbarga University,Gulbarga
3.	**Nagashetty Biradar,** SanjayKumar C Gowre**, "**Rotation motion compensation of ISAR images using polar reformating and Interpolation", National Conference on Recent advances in Communication Technology (NCRACT) 30th Jan-01st Feb2009
4.	**Nagashettappa Biradar**, M.L.Dewal, M.K.Rohit, "M-Band Ridgelet based Speckle Noise Reduction in Transthoracic Echocardiographic images", in proceeding of National conference on Recent advances in Science and Technology (NCST-2014) at BKIT, Bhalki, 23-24 March 2014.

8. Research Projects Completed (Insert additional rows, if necessary):

Title of the Project	Name of the Funding Agency	Amount	Duration	
			From	**To**
Design of software for assessment of Valvular Regurgitation	Department of IT, BT and ST,	50 Lakh	2016	-
FPGA implementation of tools for assessment of Valvular Regurgitation	VGST, Bangalore	40 Lakh	2017	

9. Details of the Orientation Programmes /Refresher Courses/ Summer Schools attended (Insert additional rows, if necessary)

Name of the Programme	Year	Duration (in days)	Organizing Institution
QIP Short Term course on "Application of MATLAB in Engineering"	2006	15	Indian Institute of Technology, Kanpur
MISSION10X Learning Approach, "Cambridge Certification program", "High impact teaching skills"	2009	05	Wipro Technologies Bangalore, at REC Bhalki
MHRD sponsored summer school "Developing interpersonal communication strategies"	2009	07	Indian Institute of Technology, Kharagpur
MHRD sponsored STTP on "Hands on experience of virtual instrumentation applications in Engineering and Technology	2009	07	National Institute of Technology, Warangal
Short term course on "Biomedical Signal Analysis"	2012	06	Department of Electrical Engineering, Indian Institute of Technology Roorkee
Short term course on "Medical Signals and Image Processing"	2013	06	Department of Electrical Engineering , Indian Institute of Technology Roorkee
Short term course on "Introduction to Modeling and Simulation"	2013	06	Department of Civil Engineering and Met. & Mat. Engineering, Indian Institute of Technology Roorkee
Short term course on "Image Processing Techniques with Multidisciplinary Applications "	2014	05	Department of Mathematics and Computer Science and Engineering, Indian Institute of Technology Roorkee
Training for Trainers program on "Harnessing the Researcher to Promote Sustainable Innovation "	2014	05	Department of Management Studies, Indian Institute of Technology Roorkee, Roorkee during Sept. 02-06, 2014.

10. Details of Conferences/Seminars/Workshops attended: (Insert additional rows if necessary)

Name of the Seminar/Conference/symposium	Name of the organizer	Year	Duration in days	Presented paper	Key Note Speaker/chaired session
Workshop on "Fundamentals of HDL"	REC, Bhalki	2009	01	-	Organizing Secretary
ISTE Workshop on "Recent Advances in Communication "	REC Bhalki	2010	02	-	Organizing Secretary
ISTE Workshop on "Challenges in VLSI Design"	REC Bhalki	2010	02	-	Organizing Secretary
international conference on "Communication, Computation, Control and Nanotechnology" (ICN2010)	REC Bhalki	2010	02	-	Organizing Secretary
International conference on "Communication, Computation, Management and Nanotechnology"	REC Bhalki	2011	03	-	Organizing Secretary
workshop on "VLSI and CAD for VLSI"	BIT, Bangalore	2000	06	-	-
One day workshop for "Preparation of Model Question paper for VI Sem EC/TE of VTU"	PESIT, Bangalore	2001	01		
Two days workshop on "Digital Signal Processing and Recent Advancements"	GNDEC, Bidar	2004	02		
workshop on "Mixed – Signal VLSI"	BIT, Bangalore	2005	06		
One day workshop on "Micro Electro Mechanical Systems-MEMS"	REC, Bhalki	2006	01		
Two days workshop on "Broad Band Communication"	REC, Bhalki	2006	02		
One day workshop on English language solution lab "Train the Trainer"	Jnana Sangama, VTU, Belgaum	2007	01		
Two days workshop on "Recent Trends in Signal Processing and Wireless Communication"	GNDEC, Bidar	2007	02		

Two days workshop on "Fundamentals of HDL"	VKIT, Banglore	2008	02		
workshop on "Teaching learning quality improvement"	REC, Bhalki	2009	04		
one day national seminar (under IETE) on "Mobile Devices and systems"	GNDEC, Bidar	2009	01		
Six days national workshop on "Computational Neuroscience "	GNDEC, Bidar	2010	06		
day National workshop on "Information Technology and cloud computing"	GNDEC, Bidar	2010	01		
one day workshop on "Virtual Labs"	Department of Electrical Engineering, Indian Institute of Technology Roorkee	2013	01		
one day workshop on "Novel Correlated Electronic Materials"	Department of Physics, Indian Institute of Technology Roorkee	2014	01		
Two days workshop on "Research Methodology"	Department of Chemical Engineering, BKIT, Bhalki	2014	02		
Four days Faculty development program on "Future Research Trends & Innovations in information, Communication & Technology"	BKIT, Bhalki	2014	04		
workshop on "Virtual Labs"	Department of Electrical, Indian Institute of Technology Roorkee	2015	02		
workshop on "Incubating relevant Engineering R&D	SIT, Tumkur	2015	04		

programs and stabling CoE in Engineering colleges",	& VTU, Belagavi				
"National conference on Recent advances in Science and Technology (NCST-2014)"	BKIT, Bhalki	2014	02	01	
"International Conference on HealthTech Innovations 2015",	IIT, Bombay	2015	02	01	
IEEE SmartTech Workshop -2015	IEEE Bangalore Section	2015	02	-	-
National conference on Recent Innovations in Engg. And Tech.	BKIT, Bhalki	2015	02	-	Coordinator and Chairperson
"2nd IEEE International Conference on Computing for sustainable Global Development"	Bharatiya Vidyapeeth, New Delhi	VTU postgraduate centre and Regional office, Kalaburagi	03	01	
National conference on recent innovations in ICT and management (RIICTeM-2015)	VTU postgraduate centre and Regional office, Kalaburagi	2015	02	-	Reviewer, Tech session Chair person
National conference on Emerging applications of Electronics Systems, Signal Processing and Computing Technologies (NCESC-2015)	SVERI's College of Engineering, Pandharpur	2015	02	-	Chair person and Delivered a talk
Workshop on internet of things	VTU postgraduate centre and Regional office, Kalaburagi	2016	02	-	-
National Conference on "Information and Communication Technologies"	Dept. of CSE, BKEC, B.Kalyan	2016	02	-	Guest of Honor, Delivered a talk

11. Details of the Lectures Delivered

Topic	Year	Event	Place

Computer Aided Diagnosis of valvular diseases	2015	Invited Talk	Graphic Era University, Dehradun
Recent Trends in Biomedical Imaging	2015	National Conference	SVERI CoE, Pandharpur
ICT in Biomedical Engineering	2016	National Conference	BKEC, B.Kalyan
Application of Image Processing in Remote Sensing	2015	National Level Workshop on Geospatial Technologies (using open source GIS)	BKIT, Bhalki
Pattern Recognition	2016	Guest Lecture	SVERI CoE, Pandharpur

13. Languages Known

	Spoken		Written	
English	Yes		Yes	
Hindi	Yes		Yes	
Kannada	Yes		Yes	

14. Membership of Professional Bodies, Societies, etc. (Insert additional rows, if necessary)

ISTE- LM41573 IEEE-

16. Awards /Honours/any other academic distinction (Insert additional Rows if necessary)

1. Recognized Reviewer for Computers in Biology and Medicine, Elsevier Journal
2. Recognized Reviewer for Computers and Electrical Engineering, Elsevier Journal
3. Acquired PhD under QIP
4. Won prizes in Curricular and Extra Curricular activities
5. NAAC Steering Committee Chairman
6. Secretary of REC Alumni Association

17. Participation in Corporate Life (Contribution to the institution you served in the matter of co-curricular activities, enrichment of campus life, students' welfare, etc.

Chairman for NAAC Steering Committee of BKIT, Bhalki
Nodal Co-ordinator for Virtual Labs of IITR and IIITH
Member of Inter-Dept. Stock Verification Committee for the 2014-15
Member of Grievance Redressal Committee for the year 2015-16.
Member of RPMS Implementation Committee w.e.f 12/08/2015
Member of T&P Cell from 2008-2011
Secretary of REC Alumni Association from 2009-11

18. RESEARCH AND ACADEMIC CONTRIBUTIONS

 (A) (i) Research Papers in Journals

Sl. No.	Title with page no.	Name of the Journal	ISSN/ISBNNo.	Whether peer reviewed? Impact Factor, if any	No. of co-author(s)	Whether you are the main author
1.	Speckle noise reduction in B-mode Echocardiogr aphic images: A comparison, pp. 1-19	*IETE Technica l Review*	0256-4602 (Print), 0974-5971 (Online)	Peer Reviewed Impact factor: 0.888	02	Yes
2.	Comparative analysis of Despeckling filters for Continuous Wave Doppler images, pp. 33-44,	Biomedi cal Engineer ing Letters.	ISSN: 2093-9868 (print version) ISSN: 2093-985X (electro nic version	Peer Reviewed SJR: 0.27	02	Yes
3.	Speckle noise reduction using Hybrid TMAV based fuzzy filter, pp. 113-118	*Internati onal Journal of Research in Engineer ing and Technolo gy*	ISSN: 2319-1163(online) ISSN: 2321-7308(print)	Peer Reviewed Impact factor: 3.127	02	Yes
4.	Edge preserved speckle noise reduction using integrated fuzzy filters	*Internati onal Scholarl y Research Notices*	ISSN: 2356-7872 (Online)	Peer Reviewed Indexed in PubMed, PubMed Central	02	Yes
5.	A novel hybrid homomorphi c fuzzy filter for speckle noise reduction, pp. 176-185	Biomedi cal Engineer ing Letters	ISSN: 2093-9868 (print version) ISSN: 2093-985X (electro nic version	Peer Reviewed SJR: 0.27	02	Yes

6.	Speckle noise reduction in echocardiographic images of aortic valve and cardiac chambers, pp.153-163	*Optik-Int.J.Light Electron Opt.*	ISSN: **0030-4026**	Peer Reviewed SNIP: **0.717** SJR: **0.316** Impact Factor: **0.677**	02	yes
7.	Echocardiographic image denoising using extreme total variation bilateral filter, PP. 30-38	*Optik-Int.J.Light Electron Opt.*	ISSN: **0030-4026**	Peer Reviewed SNIP: **0.717** SJR: **0.316** Impact Factor: **0.677**	03	yes
8.	Blind source parameters for performance evaluation of despeckling filters	*International journal of biomedical imaging*	**ISSN:** 16874196, 16874188	Peer Reviewed SJR: 0.48	04	Yes

III (B) Research Guidance

Sl. No.	**Number Enrolled**	**Thesis submitted**	**Degree awarded**	**Supervisor/joint Supervisor**
01	Satish Kannale	-	Ongoing	Supervisor
02	Chamundeshwari	-	Ongoing	Supervisor
03	Asish Jadhav		Ongoing	Supervisor
04	Tareeq Zaid		Ongoing	Supervisor
05	Rajeshwari Patil		Ongoing	Supervisor
06	Amol Bhosale		Ongoing	Supervisor
07	Ayeesha Heena		Ongoing	Supervisor

III (E) Training Courses and Conference/Seminar/Workshop/Papers

Sl. No.	Programme	Duration in days
1.	QIP Short Term course on "Application of MATLAB in Engineering"	15

2.	MISSION10X Learning Approach, "Cambridge Certification program", "High impact teaching skills"	05
3.	MHRD sponsored summer school "Developing interpersonal communication strategies"	07
4.	MHRD sponsored STTP on "Hands on experience of virtual instrumentation applications in Engineering and Technology	07
5.	Short term course on "Biomedical Signal Analysis"	06
6.	Short term course on "Medical Signals and Image Processing"	06
7.	Short term course on "Introduction to Modeling and Simulation"	06
8.	Short term course on "Image Processing Techniques with Multidisciplinary Applications"	05
9.	Training for Trainers program on "Harnessing the Researcher to Promote Sustainable Innovation"	05
10.	Workshop on "Fundamentals of HDL"	01
11.	ISTE Workshop on "Recent Advances in Communication"	02
12.	ISTE Workshop on "Challenges in VLSI Design"	02
13.	international conference on "Communication, Computation, Control and Nanotechnology" (ICN2010)	02
14.	International conference on "Communication, Computation, Management and Nanotechnology"	03
15.	workshop on "VLSI and CAD for VLSI"	06
16.	One day workshop for "Preparation of Model Question paper for VI Sem EC/TE of VTU"	01
17.	Two days workshop on "Digital Signal Processing and Recent Advancements"	02
18.	workshop on "Mixed – Signal VLSI"	06
19.	One day workshop on "Micro Electro Mechanical Systems-MEMS"	01
20.	Two days workshop on "Broad Band Communication"	02
21.	One day workshop on English language solution lab "Train the Trainer"	01
22.	Two days workshop on "Recent Trends in Signal Processing and Wireless Communication"	02
23.	Two days workshop on "Fundamentals of HDL"	02
24.	workshop on "Teaching learning quality improvement"	04
25.	one day national seminar (under IETE) on "Mobile Devices and systems"	01
26.	Six days national workshop on "Computational Neuroscience"	06
27.	day National workshop on "Information Technology and cloud computing"	01
28.	one day workshop on "Virtual Labs"	01
29.	one day workshop on "Novel Correlated Electronic Materials"	01
30.	Two days workshop on "Research Methodology"	02
31.	Four days Faculty development program on "Future Research Trends & Innovations in information, Communication & Technology"	04
32.	workshop on "Virtual Labs"	02
33.	workshop on "Incubating relevant Engineering R&D programs and stabling CoE in Engineering colleges",	04
34.	"National conference on Recent advances in Science and Technology (NCST-2014)"	02

35.	"International Conference on HealthTech Innovations 2015",	02
36.	IEEE SmartTech Workshop -2015	02
37.	National conference on Recent Innovations in Engg. And Tech.	02
38.	"2nd IEEE International Conference on Computing for sustainable Global Development"	03
39.	National conference on recent innovations in ICT and management (RIICTeM-2015)	02
40.	National conference on Emerging applications of Electronics Systems, Signal Processing and Computing Technologies (NCESC-2015)	02
41.	Workshop on internet of things	02
42.	National Conference on "Information and Communication Technologies"	02

III (E) (iii) Invited Lectures/Presentations in Conferences/Symposia

Sl. No.	Title of the Conference/Seminars etc.	National	International	No. of Lectures /presentations
1	Recent Trends in Biomedical Imaging	National Conference	-	03
2	ICT in Biomedical Engineering	National Conference	-	
3	Application of Image Processing in Remote Sensing	National Level Workshop on Geospatial Technologies (using open source GIS)	-	