

## Faculty Profile - VTU FACULTY ID: 4GMCS0003538

### Firoz Khan

Assistant Professor,  
Department of Information Science Engineering,  
GM Institute of Technology, Davangere



### Vision

To update myself with trending new technologies, knowledge and transfer, train same to students to make them industry ready

### Educational Qualifications

1	M.Tech in Computer Science & Engg.
2	BE in Information Science & Engg.

### Professional Details

Total experience: 6.5 years (Teaching:6.5)

GMIT	6.5 Years
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### Academic / Research Publications

1	Keerthi Prasad G, Imran Khan, Naveen R Chanukotimath and <b>Firoz Khan</b> . <b>"On-line Handwritten Character Recognition System for Kannada using Principal Component Analysis Approach"</b> , In Proc. WICT-12, Trivandrum, India, Oct.30- Nov.2, pp. 675-678, 2012. <b>IEEE ISBN: 978-1-4673-4804-1</b>	International Conference
2	Keerthi Prasad G, Imran Khan, Naveen R Chanukotimath, <b>Firoz Khan</b> and Deepak D J. <b>"Statistical Analysis of PCA and DTW for Kannada online handwritten character recognition For Handheld Devices"</b> , In Proc. ICRASE-15, Bangalore, India, May 9-10, pp. 26-27, 2015. <b>ISRASE ISBN: 978-93-84935-32-0</b>	International Conference
3	Naveen R Chanukotimath, <b>Feroz Khan</b> , Keerthi Prasad G, Imran Khan, and Deepak D J. <b>"A Survey on Performance Evaluation of various Image Filters for Gaussian Noise and Quantum Noise"</b> , In Proc. ICRASE-15, Bangalore, India, May 9-10, pp. 27-28, 2015. <b>ISRASE ISBN: 978-93-84935-32-0</b>	International Conference
4	Naveen R Chanukotimath, <b>Feroz Khan</b> , Keerthi Prasad G, Imran Khan, Deepak D J and Nasreen Taj M B. <b>"Dvadasham (Dodeca) Edge Filter for Impulse Noise, Gaussian Noise, Quantum Noise Reduction in Images"</b> , In <b>COMPUSOFT</b> , an International Journal of advanced Computer Technology, July 2013, pp. 204-209. <b>(Volume-II, Issue-VI ISSN:2320-0790</b>	International Journal

5	<b>Firoz Khan, Spoorthy. "iSPY automatic face detection in video survielence", In Proc. NCRTCC-16, at Jain Institute of Technology, Davanagere, India</b>	National Conference
6	<b>Firoz Khan, Spoorthy. "Robust and advanced automatic face detection in video survielence", at Aadichunchanagiri Institute of Technology, Chikkamangalore, India</b>	National Conference

#### Awards / Achievements

1	My project got selected among India's best 60 projects at <b>Jed-I @IISC, Bangalore. Title "Reponsive Ablaze Filter(RAM) for Removing Gaussian noise from medical images"</b>	
2	In 2012, My project got selected for KSCST title <b>"Reponsive Ablaze Filter(RAM) for Removing Gaussian noise from medical images"</b>	
3	I have trained students on "Web Technologies" as a outcome of which many students have developed their own idea as mini projects and presented.	
4	From 2012, every year I visit 2 <sup>nd</sup> PUC Science colleges in and around Davangere to conduct "Motivational and Engineering Awareness program" to help, motivate, encourage students	
5	In 2017, My project got selected for KSCST title <b>"Marga Jyothi – Intelligent lot Based street lightening system"</b> .	
6	My Article Named " In-Display Fingerprint Sensor and its working" published in UCNEWS(International News Portal) on 26 jan 2018 link: <a href="http://tz.ucweb.com/1_4BINW">http://tz.ucweb.com/1_4BINW</a>	

#### Workshops / Seminars / Conference organized / Conducted

SL. NO	Year	Month	Duration	Title	Target Audience
1	2012	APR	One week	Think parallel – Parallel programming using openMP	All branch 2nd sem students
2		AUG	One week	Let us C	3rd sem ISE students
3		OCT	One week	Java in a Week	All branch 5th sem students
4	2013	AUG	One week	Let us C	3rd sem ISE students
5		OCT	One week	Java in a Week	All branch 5th sem students
6	2014	MAR	Two week	Object oriented programming with C++	6th sem ECE students
7		AUG	One week	Let us C	3rd sem ISE students

<b>8</b>		AUG	One week	Java in a Week	All branch 5th sem students
<b>9</b>		Dec	3 Days	Web Technologies	For 2 <sup>nd</sup> PU science students
<b>10</b>	2015	JUNE	Two days	FDP on Mobile Application Development using Android	Teaching faculties of all branch
<b>11</b>		AUG	One week	Let us C	3rd sem ISE students
<b>12</b>		AUG	One week	Java in a Week	All branch 5th sem students
<b>13</b>		Dec	3 Days	Web Technologies	For 2 <sup>nd</sup> PU science students
<b>14</b>		FEB	One week	Workshop on Android	All branch 7th sem students
<b>15</b>	2016	JULY	One week	PYTHON	5 <sup>th</sup> and 7 <sup>th</sup> sem students
<b>16</b>		AUG	One week	Workshop on web development	5th sem ISE
<b>17</b>		SEP	1 Day	Live Website Development	All branch students
<b>18</b>		SEP	One week	Workshop on C programming Language	3rd sem ISE
<b>19</b>		Dec	3 Days	Web Technologies	For 2 <sup>nd</sup> PU science students

### Workshops / Seminars / Conference attended

1	Workshop on “ <b>Statistical Machine Learning and Game Theory Approaches for Large Scale Data Analysis</b> ” during 9 <sup>th</sup> July 2012 – 14 <sup>th</sup> July 2012 at M S Ramaiah Institute of Technology, Bangalore
2	Faculty Enhancement program by INFOSYS at BVB Hubli in July 2015
3	“Android Application Development” workshop at GMIT in June 2015
4	Faculty Development Programme on “ <b>FEEL Teacher</b> ” from 27 <sup>th</sup> July 2015 to 29 <sup>th</sup> July 2015 at GMIT, Davanagere, conducted by CLHRD, Mangalore

### University responsibilities

1	Valuation work
2	Lab examination duties

### New Technology / Information learnt / exposed

1	My Android App Development Tutorial On Youtube: Android Navigation Drawer - <a href="https://youtu.be/ezje5zliHzg?list=PLWGaSjICPHDlrcb9eHuaDY5v3qq8k9etH">https://youtu.be/ezje5zliHzg?list=PLWGaSjICPHDlrcb9eHuaDY5v3qq8k9etH</a>
2	My Powtoon Animation Builder Tutorial on Youtube; 1. <a href="https://youtu.be/Wlj_nK0OV4w?list=PLWGaSjICPHDlrcb9eHuaDY5v3qq8k9etH">https://youtu.be/Wlj_nK0OV4w?list=PLWGaSjICPHDlrcb9eHuaDY5v3qq8k9etH</a> 2. <a href="https://youtu.be/FY4L7D-FoLA?list=PLWGaSjICPHDlrcb9eHuaDY5v3qq8k9etH">https://youtu.be/FY4L7D-FoLA?list=PLWGaSjICPHDlrcb9eHuaDY5v3qq8k9etH</a>
1	Live website Development tools
2	Python
3	Whiteboard Animation Tool
4	My Educational Videos on Youtube – <a href="https://youtu.be/xl6NSNUZcFg?list=PLWGaSjICPHDlrcb9eHuaDY5v3qq8k9etH">https://youtu.be/xl6NSNUZcFg?list=PLWGaSjICPHDlrcb9eHuaDY5v3qq8k9etH</a> <a href="https://youtu.be/FY4L7D-FoLA?list=PLWGaSjICPHDlrcb9eHuaDY5v3qq8k9etH">https://youtu.be/FY4L7D-FoLA?list=PLWGaSjICPHDlrcb9eHuaDY5v3qq8k9etH</a> <a href="https://youtu.be/0MLWRT9aV8I?list=PLWGaSjICPHDlrcb9eHuaDY5v3qq8k9etH">https://youtu.be/0MLWRT9aV8I?list=PLWGaSjICPHDlrcb9eHuaDY5v3qq8k9etH</a> <a href="https://youtu.be/_H58Umi1oNI?list=PLWGaSjICPHDlrcb9eHuaDY5v3qq8k9etH">https://youtu.be/_H58Umi1oNI?list=PLWGaSjICPHDlrcb9eHuaDY5v3qq8k9etH</a> <a href="https://youtu.be/Wlj_nK0OV4w?list=PLWGaSjICPHDlrcb9eHuaDY5v3qq8k9etH">https://youtu.be/Wlj_nK0OV4w?list=PLWGaSjICPHDlrcb9eHuaDY5v3qq8k9etH</a>

### Details of Academic e-Contents prepared / used

1	My Android App Development Tutorial On Youtube: Android Navigation Drawer - <a href="https://youtu.be/ezje5zliHzg?list=PLWGaSjICPHDIrCb9eHuaDY5v3qq8k9etH">https://youtu.be/ezje5zliHzg?list=PLWGaSjICPHDIrCb9eHuaDY5v3qq8k9etH</a>
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### Membership details

LMISTE	
MIEEE	
Senior IETE	

### Personal Details

Gender	Male
Date of Birth	15-04-1987
Email	firozk@gmit.ac.in
Contact detail	8105093624