

Bio- Data

Mr. Parkhe Jayant Gajanan

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Objective

“To be able to tap all the available resources required for my work and use it optimally, thereby encourages best practices that will contribute to the success and growth of organization and to achieve personal & professional goals.”

Personal Details

Date of Birth : 20th June 1983
Father's Name : Mr.Parkhe Gajanan B
Mother's Name : Mrs.Parkhe Anjali G
Nationality : Indian
Religion : Hindu
Marital Status : Married
Language Proficiency : Marathi, English, Hindi

Academic Record

Post Graduation: M.tech in Instrumentation

Examination	Year	S.G.P.A.	Institute	C.G.P.A.
SEM-I	2009-2010	9	S.G.G.S.IE&T Nanded	9.24
SEM-II	2009-2010	9		
SEM-III	2010-2011	9		
SEM-IV	2010-2011	10		

Graduation: B.E. in Instrumentation and Control

Examination	Year	Percentage	Institute	Aggregate
B.E.	2008-09	68.9	D.Y.Patil College Of Engg.,Akurdi, Pune.	61.18
T.E.	2007-08	57		
S.E.	2006-07	57.66		

Diploma: Medical Electronics

Examination	Year	Percentage	Board	Aggregate
III rd year	2005-2006	73.11	M.S.B.T.E. Mumbai.	65.73
II nd year	2005-2004	59.23		
I st year	2004-2003	64.86		

Pre Graduation:

Examination	Year of Passing	Division / (%)
Higher Secondary School Certificate (Latur Board)	2003	Pass / 42.33
Secondary School Examination (Latur Board.)	1999	Distinction / 78.53

Academic Projects

Name	'Some studies on control of Nuclear Reactor', (AHWR) (Sponsored By BARC).
Duration	One Year (Jun 10 – Jun 11).
Brief Info	M.Tech Dissertation work, controller is designed for power control of Pressurized Heavy Water Reactor (PHWR) and Advanced Heavy Water Reactor (AHWR). Singular Perturbation model reduction technique is used and Optimal controller is designed for reduced order model. Performance of the controller is tested on original higher order model.
Name	Microcontroller based GENSET Controller.
Duration	Semester VIII&VII (Aug08 –Jun09).
Brief Info	B. E. Final Year Project, Designed to control 4 four different parameters of GENSET using microcontroller 89S52.
Technologies Used	Microcontroller 89S52, assembly programming.

Publications

1. R. K. Munje, **J. G. Parkhe** and B. M. Patre "Control of Xenon Oscillations in Advanced Heavy Water Reactor via Two-Stage Decomposition", Annals of Nuclear Energy, Volume 77, Pages 326–334, March 2015.
2. R. K. Munje, P. S. Londhe, **J. G. Parkhe**, B. M. Patre and A. P. Tiwari, "Spatial Control of Advanced Heavy Water Reactor by Fast Output Sampling Technique", IEEE MSC, August 2013, Hyderabad.
3. **J. G. Parkhe**, R. K. Munje, P. S. Londhe, B. M. Patre and A. P. Tiwari "Spatial Control of Advanced Heavy Water Reactor using Periodic Output Feedback", ICSP-2013, July 2013.
4. P. S. Londhe, **J. G. Parkhe**, R. K. Munje and B. M. Patre "Periodic Output Feedback Control for Three-Time-Scale Discrete System", ICSP-2013, July 2013.
5. R. K. Munje, **J. G. Parkhe**, P. S. Londhe and B. M. Patre, "Investigation of Fast Output Sampling based Controllers for Non-linear Inverted Pendulum System", ICSP-2013, July 2013.
6. R. K. Munje, B. B. Musmade, **J. G. Parkhe** and B. M. Patre, "Sliding Mode Control for Three Time Scale System with Matched Disturbances" IEEE INDICON, pp. 131-137, Dec 2012.

Work Experience

- **2 year and 11 months research experience on Board of Research in Nuclear Sciences (BRNS) sponsored project entitled "Comparison of the controllers for power control of Advanced Heavy Water Reactor (AHWR)."**
- **7 years teaching experience as Assistant Professor in Shri Guru Gobind Singhji Institute of Engineering & Technology(SGGSIE&T), Nanded.**

Designation	Duration	Organization
Assistant Professor	10 July 2015 to till date 10 July 2014 to 09 Jun 2015 5 July 2013 to 4 Jun 2014	SGGSIE&T, Vishnupuri, Nanded.
SRF	1 September 2012 to 4 July 2013	SGGSIE&T, Vishnupuri, Nanded.
JRF	1 September 2010 to 31 August 2012	SGGSIE&T, Vishnupuri, Nanded.

Workshops/Training/FDP			
SN	Title	Place/Organisation	Duration
1	Recent Trends in Control System and Applications	SGGSIE&T, Nanded	One Week: FDP 1-5 July, 2019
2	Essentials of neural Networks and Fuzzy logic	SGGSIE&T, Nanded	One Week: FDP 18 – 22 December 2017
3	Product Life Cycle Management	SGGSIE&T, Nanded	One Week: FDP 25 – 30 May 2016
4	Biomedical Signal Processing	SGGSIE&T, Nanded	One Week: STTP 30 March 2015 to 03 April 2015
5	“Effective Research Methodology”	SGGSIE&T, Nanded	Two days: 11-12 July, 2015
6	“Young Teachers Orientation Programme”	SGGSIE&T, Nanded	Two days: 20-21 July, 2013
7	“Winter School on Biometrics for secured Authentication: Fundamentals & Advances”	SGGSIE&T, Nanded	One Week: 23-27 December, 2013
8	“Young Teachers Orientation Programme”	SGGSIE&T, Nanded	Two days: 20-21 July, 2013
9	Application of Digital signal processing in Industry	SGGSIE&T, Nanded	Two days: 20-21 March, 2010

Duties Performed
<p>Institute Level</p> <ul style="list-style-type: none"> • ARC officer for MCA, MBA, Pharmacy and First Year engineering admission process 2014-2015. • Faculty Co-coordinator for Alumni Meet -2015 • Active team member of grade card verification process (Academic year 2014-15) • Working as ARC officer for First Year Engineering admission process 2015-2016. <p>Department Level</p> <ul style="list-style-type: none"> • Faculty coordinator for the workshop entitled “Process control with MATLAB Hands on”. • Faculty coordinator for the workshop entitled “LabVIEW & its application”. • Time table incharge for academic year 2014-15 and 2015-16. • Faculty coordinator for ICON- 2015 national level technical event organized by the department.

Subject Taught
<p>UG Courses</p> <ul style="list-style-type: none"> • Electronics Device and Circuits • Microprocessor and Microcontroller • Chemical and Analytical Instrumentation • Control System Components • Distributed Control Systems • Microcontroller and Digital Signal Processor <p>PG Courses</p> <ul style="list-style-type: none"> • Fuzzy Based Control System

Field Of Interest

- Control System
- Process Control
- Biomedical Instrumentation
- Microcontroller

Extra-Curricular Activity

- Active participation as Event coordinator, in organizing committee of **Niyantran** 2008
- Active participation in **Pragya** the National level Event 2010
- Active Participation in **Vitality** a national level event, VIT, Pune
- Active participation in **DIPEX** 2004
- Active participation in ICSP-2013 as a coordinator, a National Conference held at SGGSIET Nanded during 8-9 July 2013

References

1. Dr. L. M. Waghmare
Director,
Shri Guru Gobind Singhji Institute of Engineering and Technology,
Vishnupuri, Nanded (MS) India - 431606
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2. Dr. B. M. Patre
Professor and Head Department of Electrical Engineering,
Shri Guru Gobind Singhji Institute of Engineering and Technology,
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Email Id - bmpatre@sggs.ac.in, bmpatre@yahoo.com
Mobile - +91-9422873332, Fax - (02462) 229236
3. Dr. R. S. Holambe
Professor,
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Vishnupuri, Nanded (MS) India - 431606
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Declaration:

The above information is true to the best of my knowledge and belief.