Curriculum Vitae



Brief Profile:

I, Dr. Nagajyothi virivinti, have joined NITT on 5th april 2018. I have Completed my Ph.D from IIT Hyderabad in the Department of Chemical Engineering in the area of stochastic optimization in the year of 2017. I have completed my post-graduation from IIT Roorkee in the Department of chemical engineering. I graduated from University College of Technology, Osmania University in the year 2009. My research areas are optimization, optimization under uncertainty, fuzzy logic, Process control.

1. Name: Dr.Nagajyothi Virivinti

2. Designation: Assistant Professor

3. Office Address: Room No:101, Department of Chemical engineering, NITT, Tiruchirappalli.

4. Telephone (Direct) (Optional):

Telephone: Extn (Optional):

Mobile (Optional): 09985329988

5. Email (Primary): jyothi@nitt.edu Email (Secondary)

:virivinti.nagajyothi@gmail.com

6. Field(s) of Specialization: Optimization, Fuzzy optimization, Process control

7. Employment Profile

Job Title	Employer	From	To
Assistant Professor	BVRIT, Narsapur	August,2011	July, 2012
Adhoc faculty	NIT Warangal	July, 2016	April, 2018
Assistant Professor	NIT Tiruchirappalli	April,2018	

8. Academic Qualifications (From Highest Degree to High School):

Examination	Board /	Year	Division/	Subjects
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	University		Grade	
Ph.D	IIT Hyderabad	2017		Optimization under uncertainty
M.Tech	IIT Roorkee	2012	First	(Computer aided process plant design) Chemical Engineering
B.Tech	Osmania University	2009	First	Chemical Engineering

9. Academic/Administrative Responsibilities within the University

Position	Faculty/Department/Centre/Institution	From	То

10. Academic/Administrative Responsibilities outside the University

Position	Institution	From	То

11. Awards, Associateships etc.

Year of Award	Name of the Award	Awarding Organization

12. Fellowships

Year of Award	Name of the Fellowship	Awarding	From	То
		Organization	(Month/Year)	(Month/Year)

13. Details of Academic Work

- (i) Curriculum Development
- (ii) Courses taught at Postgraduate and Undergraduate levels:

Chemical Reaction Engineering

Membrane Technology

Fuel Cell Technology
Tuning of PID controllers
Soft-computing Techniques
(iii)Projects guided at Postgraduate level
(iv)Other contribution(s)

14. Details of Major R&D Projects

Title of Project	Funding Aganay	Dura	ation	Status
Title of Project	Funding Agency	From	То	Ongoing/ Completed

15. Number of PhDs guided

Name of the PhD	Title of PhD	Role(Supervisor/ Co-	Year of
Scholar	Thesis	Supervisor)	Award

16. Participation in Workshops/ Symposia/ Conferences/ Colloquia /Seminars/ Schools etc. (mentioning the role)

Date	Title of	Level of	Role (Participant/	Event	Venue
(s)	Activity	Event	Speaker/	Organized by	
		(Internationa	Chairperson, Paper		
		1/ National/	presenter, Any		
		Local)	other)		
15-18	Conference	International	Paper Presenter	Hungarian	Budapest,
June				Chemical	Hungary
2014				Society	
4-6	Conference	International	Paper Presenter	IIT Hyderabad	MEC
Jan					Hyderabad
2016					
4-6	Conference	International	Organizer	IIT Hyderabad	MEC
Jan					Hyderabad
2016					
5-6	Conference	National	Organizer	IIT Hyderabad	IIT
Dec					Hyderabad
2015					

17. Workshops/ Symposia/ Conferences/ Colloquia/Seminars Organized (as Chairman/ Organizing Secretary/ Convenor / Co-Convenor)

Title of Activity	Level of Event	Date (s)	Role	Venue
	(International/			
	National/ Local)			

18. Invited Talks delivered

Topic	Date	Inviting Organization

19. Membership of Learned Societies

Type of Membership (Ordinary Member/ Honorary Member / Life Member)	Organization	Membership No. with date
,		

20. Academic Foreign Visits

Country	Duration of Visit	Programme

21. Publications

(A) Refereed Research Journals:

Author(s)	Title of Paper	Journal	Volu	Page	Year	Impact
			me	numb		Factor
			(No.)	ers		of the
						Journal

						(Option al)
Virivinti, N., Mitra, K	Fuzzy Expected Value Analysis for an Industrial Grinding Process	Powder Technology	268	9-18	2014	
Virivinti, N., Mitra, K	Intuitionistic Fuzzy Chance Constrained Programming for Handling Parametric Uncertainty: An Industrial Grinding Case Study	Industrial Engineering and Chemistry Research	54	6291- 6304	2015	
Virivinti, N., Mitra, K	A Comparative Study of Fuzzy Techniques to Handle Uncertainty: An Industrial Grinding Process	Chemical Engineering and Technology	39	1031- 1039	2016	
Virivinti, N., Mitra, K	Fuzzy Robust Optimization for Handling Feed Stream and Model Parameter Uncertainties during Comminution Process	Journal of the Taiwan Institute of Chemical Engineers	70	411- 425	2017	

(B) Conferences/Workshops/Symposia Proceedings

Author(s)	Title of Abstract/	Title of the	Page	Confere	Venue	Year
	Paper	Proceedings	Nos	nce		
	-	_		Theme		
Virivinti, N.,	Expected Value	Proceedings of	1453-		Budapest,	2014
Mitra, K	Analysis for an Industrial	European	1458		Hungary	
	Grinding Process	Symposium on Computer				
	with Fuzzy	Aided process				
	Uncertain	Engineering				
	Parameters					
Virivinti, N.,	Intuitionistic	IEEE Indian	369-		MEC,	2016
Mitra, K	Fuzzy Expected	Control	376		Hyderaba	
ĺ	Value Model for	Conference			d	
	Industrial					
	Grinding Process					

(C) Book chapters

Author(s)	Title of Book/Monograph	Name of	Year of	ISSN/ISBN
		Publishers	Publication	Number

Virivinti, N.,	Intuitionistic Fuzzy	Springer	2018	
Mitra, K	Approach Towards			
	Evolutionary Robust			
	Optimization of an			
	Industrial Grinding			
	Operation under			
	Uncertainty in			
	"Optimization in Industry			
	- Present Practices and			
	Future Scopes"			
Virivinti, N.,	Handling Optimization	IGI Global	2017	
Mitra, K	under Uncertainty using			
	Intuitionistic Fuzzy Logic			
	Based Expected Value			
	Model in "Handbook of			
	Research on Emergent			
	Applications of			
	Optimization Algorithms"			