

National Institute of Technology, Tiruchirappalli: Performa for CV of Faculty/ Staff Members

	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	To

10. Academic/Administrative Responsibilities outside the University

Position	Institution	From	To

11. Awards, Associateships etc.

Year of Award	Name of the Award	Awarding Organization

12. Fellowships

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

13. Details of Academic Work

(i) Curriculum Development

(ii) Courses taught at Postgraduate and Undergraduate levels:

Chemical Reaction Engineering

Membrane Technology

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- 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 Agency	Duration		Status
		From	To	Ongoing/ Completed

15. Number of PhDs guided

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

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

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

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

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

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	Volume (No.)	Page numbers	Year	Impact Factor of the Journal

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

(C) Book chapters

Author(s)	Title of Book/Monograph	Name of Publishers	Year of Publication	ISSN/ISBN Number
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Virivinti, N., Mitra, K	Intuitionistic Fuzzy Approach Towards Evolutionary Robust Optimization of an Industrial Grinding Operation under Uncertainty in "Optimization in Industry - Present Practices and Future Scopes"	Springer	2018	
Virivinti, N., Mitra, K	Handling Optimization under Uncertainty using Intuitionistic Fuzzy Logic Based Expected Value Model in "Handbook of Research on Emergent Applications of Optimization Algorithms"	IGI Global	2017	