

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

9. Academic/Administrative Responsibilities within the University

Position	Faculty/Department/Centre/Institution	From	To
Associate Dean(Students Welfare)	NIT, Trichy	2015	Till Date
Warden	NIT Hostels, NIT, Trichy	2008	2015
Resident Students Counsellor	NIT Hostels, NIT, Trichy	2007	2008

10. Academic/Administrative Responsibilities outside the University

Position	Institution	From	To
Students Service Center Advisory Committee Member	Bishop Heber College, Trichy	2013	2015
RECAL Treasurer	NIT, Trichy	2016	2018

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

Sl. No.	Course Name	Programme
01.	Introduction to Data Analytics	M. Tech., Data Analytics
02.	Probability and Statistical Methods	M. C. A.
03.	Resource Management Techniques	M. C. A.
04.	Data Mining Techniques	M. C. A.
05.	Soft Computing	M. C. A. (Elective)
06.	Bioinformatics	M. C. A. (Elective)
07.	Big Data Management	M. C. A. (Elective)
08.	Evolutionary Computing	M. C. A. (Elective)

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(ii) Courses taught at Postgraduate and Undergraduate levels

Sl. No.	Courses Taught	Postgraduate Level
02.	Probability and Statistical Methods	M. C. A. & M.Sc.,(OR & CA)
03.	Resource Management Techniques	M. C. A.
04.	Data Mining Techniques	M. C. A.
05.	Data Analytics	M.Sc.,(OR & CA)
06.	Advanced Data Analytics	M.Sc.,(OR & CA)
07.	Operating System	M.Sc.,(OR & CA)

Sl. No.	Courses Taught	Undergraduate Level
01.	Programming in C	B. Tech.,

(iii) Projects guided at Postgraduate level

Every year 8 students

(iv) Other contribution(s)

ACM Student Chapter Staff Advisor from 2014 onwards

ORECA Staff Advisor for four years

Giving guidance and counseling and guidance for the needy students

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
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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
18-21 January, 2010	Conference	International	Presenter	APBC2010	IISc., Bangalore
March 4-6, 2013	Conference	International	Presenter	BICoB	Honolulu, Hawaii, USA
15 -19 April 2013	Conference	International	Presenter	IEEE- CIBCB	Singapore

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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
Workshop	National	June 8 th -12 th , 2015	Coordinator	NIT, Trichy
Workshop	National	Nov 3 rd – 5 th , 2016	Coordinator	NIT, Trichy

18. Invited Talks delivered

Topic	Date	Inviting Organization
Big Data Analytics	09.09.2014	KRCT, Trichy
Research Issues in Big Data	10.03.2015	KRCT, Trichy
Successful Life	12.03.2015	Bishop Heber College, Trichy
Swarm Intelligence Techniques	18.10.2015	SASTRA University
Pattern Recognition in biological signals using Computational Intelligence Techniques	25.09.2015	KPR Engineering College, Coimbatore
Big Data Analytics	25.02.2015	Sudharsan Engineering College

19. Membership of Learned Societies

Type of Membership (Ordinary Member/ Honorary Member / Life Member)	Organization	Membership No. with date
Life Member	CSI	I1153679 2009
Ordinary Member	IEEE	

20. Academic Foreign Visits

Country	Duration of Visit	Programme
Singapore	5 Days	IEEE – CIBCB International Conference
South Korea	7 Days	International Conference

21. Publications

(A) Refereed Research Journals:

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Author(s)	Title of Paper	Journal	Volume (No.)	Page numbers	Year	Impact Factor of the Journal (Optional)
Michael Arock, U. Srinivasulu Reddy and A. V. Reddy,	A Parallel Combinatorial Algorithm for subtle Motifs”, International Journal of Bioinformatics Research and Applications	IJBRA	Vol. 6, No.3	260 - 269.	2010	
U. Srinivasulu Reddy, Michael Arock, and A. V. Reddy,	Planted (l, d) - Motif Finding using Particle Swarm Optimization	IJCA	01	51-56	2010	
Michael Arock, U. Srinivasulu Reddy and A. V. Reddy,	Discovering of Gapped Motifs using Particle Swarm Optimization	International Journal of Computational Intelligence in Bioinformatics and Systems Biology	01	1-13	2013	
G. Raja, U. Srinivasulu Reddy	A survey on NGS - Short Read Alignment in High Performance Computing Environment	IJRET: International Journal of Research in Engineering and Technology	Vol 3	26-32	2015	

(B) Conferences/Workshops/Symposia Proceedings

Author(s)	Title of Abstract/ Paper	Title of the Proceedings	Page numbers	Conference Theme	Venue	Year
U. Srinivasulu Reddy, Michael Arock, A.V. Reddy,	Particle Swarm Optimization Based Motif Finding	in the Asia Pacific Bioinformatics Conference (APBC2010)	Poster No. 168	Asia Pacific Bioinformatics Conference	IISc, Bangalore	2010

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U. Srinivasulu Reddy, Michael Arock, A.V. Reddy	Finding Gapped Motifs with variable length gaps in unaligned DNA sequences using Particle Swarm Optimization Technique	5th International Conference on Bioinformatics and Computational Biology (BICoB)	19-24	Bioinformatics and Computational Biology	Honolulu, Hawaii, USA	2013
U. Srinivasulu Reddy, Michael Arock, A.V. Reddy,	A Particle Swarm Optimization Solution for Challenging Planted (l, d)-Motif Problem	IEEE Symposium on Computational Intelligence in Bioinformatics and Computational Biology (CIBCB)	222-229	IEEE Symposium on Computational Intelligence in Bioinformatics and Computational Biology (CIBCB)	Singapore	2013
G. Raja, U. Srinivasulu Reddy	Subsequence based Fragment Assembly in Genomes using Greedy Approximate Matching Techniques in Hadoop	Proceedings of Internal Conference on Research in Engineering, Computers and Technology (ICRECT 16)	203-211	ICRECT 16	Kerala	2015
S. Akila, U. Srinivasulu Reddy	Big Data Analytics in Bioinformatics: A Technology Prospective	Proceedings of National Conference on Big Data and Cloud Computing (NCBDC'15)		Big Data and Cloud Computing	NIT, Trichy	2015

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S. Akila, U. Srinivasulu Reddy	Data Imbalance: Effects and Solutions for Classification of Large and Highly Imbalanced Data	”, Proceedings of Internal Conference on Research in Engineering, Computers and Technology (ICRECT 16)		Research in Engineering, Computers and Technology	NIT, Trichy	2016
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(C) Books & Monographs

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