

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

Examination	Board / University	Year	Division/ Grade	Subjects
PhD	Indian Institute of Technology Madras	2016	-	Electromagnetic Biomedical Instrumentation
M.E	College of Engg Guindy, Anna University	2009	First class with distinction	Biomedical Engg
B.E	V.R.S College of Engg & Tech, Anna University	2007	First class with distinction	Electronics & Communication Engg

9. Academic/Administrative Responsibilities within the University

Position	Faculty/Department/Centre/Institution	From	To
Member	Siemens Centre of Excellence	May 2018	Till date
Member	SENSORS (student symposium)	April 2018	Till date

10. Academic/Administrative Responsibilities outside the University: NIL

11. Awards, Associateships etc.

Year of Award	Name of the Award	Awarding Organization
2009	Best paper	Jerusalem College of Engg, Chennai
2009	University Second Rank Holder	Anna University
2017	Best poster	NDE conference 2017

12. Fellowships

Year of Award	Name of the Fellowship	Awarding Organization	From (Month/Year)	To (Month/Year)
2011	Ministry of Human Resources and Development (MHRD)	IITM	2011	2015
2014	Travel fellowship, Government of India	IITM	24 Aug 2014	30 Aug 2014

13. Details of Academic Work

(i) Curriculum Development: NIL

(ii) Courses taught at Postgraduate and Undergraduate levels

Undergraduate levels (Jerusalem college of Engineering 2009 – 2010):

Electronic circuits, Analog and Digital Integrated Circuits, Biomechanics,
Microprocessor Microcontroller & System design, Signals & system

(iii) Projects guided at Postgraduate level: NIL

(iv) Other contribution(s): NIL

14. Details of Major R&D Projects: NIL

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15. Number of PhDs guided: NIL

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
14-16 Dec 2017	Conference	National	Paper presenter	Indian Society for Non-Destructive Testing	Chennai
14-16 Dec 2017	Conference	National	Paper presenter	Indian Society for Non-Destructive Testing	Chennai
18-19 th Feb, 2017	Conference	National	Paper presenter	Gujarat Cancer & Research Institute	Ahmedabad
7 th July, 2015	Conference	International	Paper presenter	Indian Society for Non-Destructive Testing	Mahabalipuram
26-30 th Aug 2014	Conference	International	Paper presenter	IEEE EMBS	Chicago, USA
9 th May, 2014	Conference	National	Paper presenter	Ansys Convergence conference	Bangalore
4 th Sep 2013	Conference	National	Paper presenter	Institute for Plasma Research	Ahmedabad
8 th Aug 2009	Conference	International	Paper presenter	Meenakshi Sundararajan Engg College	Chennai

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

18. Invited Talks delivered: NIL

19. Membership of Learned Societies: NIL

20. Academic Foreign Visits

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Country	Duration of Visit	Programme
Chicago, USA	10 days	IEEE EMBS conference presentation

21. Publications

(A) Refereed Research Journals:

Author(s)	Title of Paper	Journal	Volume (No.)	Page numbers	Year	Impact Factor of the Journal (Optional)
Geetha Chakaravarthi , Krishna Prasath, Jebby Philip, Jayaganthan R., Velmurugan R., Kavitha Arunachalam	Reusable Passive Wireless RFID tag for Strain Measurement on Metal	IEEE sensors	18	5143-5150	2018	2.512
Geetha Chakaravarthi , Kavitha Arunachalam	Influence of dissolved gases in coupling water bolus on superficial hyperthermia and evaluation of water conditioning system with inline degassing	Biomed Physics & Engineering Express	2	1-11	2016	-
Geetha Chakaravarthi , Kavitha Arunachalam	Design and characterization of miniaturized cavity backed patch antenna for microwave hyperthermia	International Journal of Hyperthermia	31	737-748	2015	3.26

(B) Conferences/Workshops/Symposia Proceedings

Author(s)	Title of Abstract/ Paper	Title of the Proceedings	Page no.	Conference Theme	Venue	Year
Geetha Chakaravarthi ,	A Compact Microwave Patch	IEEE	5320 -	Engineering in Medicine &	Chicago,USA	2014

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Kavitha Arunachalam	Applicator for Hyperthermia Treatment of Cancer		5322	Biology Society		
Geetha Chakaravarthi , Kavitha Arunachalam	Specific Absorption Rate Measurement of External Heating Antennas Using Infrared Thermography	QIRT Asia	1	Quantitative Infrared Thermography	Mahabalipuram, Chennai	2015

(C) Books & Monographs : NIL

(D) Patents

- 1) K.Arunachalam and **G.Chakaravarthi**, "**Improved microwave hyperthermia device**", patent pending, application no: 1328/CHE/2014; Provisional, date: 13.03.2014; Complete filing date: 13.03.2015, Indian Patent, 2015.
- 2) **Geetha Chakaravarthi**, Krishna Prasath, Jayaganthan R., Velmurugan R., Kavitha Arunachalam, "**Reusable Passive Wireless RFID sensor for Structural Health Monitoring**", patent pending, application no: 201841001020; Complete filing date: 09.01.2018, Indian Patent, 2018.