

## Dr. V SIDDESWARA PRASAD

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### Education

	Degree	Year	Institute	Specialization
1	Ph.D.	2010	IISc, Bangalore, Karnataka, India	Electrical Contacts
2	M.Tech.	1989	IISc, Bangalore, Karnataka, India	Instrument Technology
3	B.E	1984	S I T, Tumkur (Bangalore University)	Instrumentation Technology
4	BSc	1980	Bangalore University	P C M

### Professional Experience

	Date (from-to)	Designation	Organization
1	30-12-2015 to till date	Dean, Student Welfare	Siddaganga Institute of Technology, Tumakuru-572103, Karnataka, India
2	14-09-2010 – 30-12-2015	Head of the Dept.	Siddaganga Institute of Technology, Tumakuru-572103, Karnataka, India
3	19-07-2010 – 14-09-2010	Professor	Siddaganga Institute of Technology, Tumakuru-572103, Karnataka, India
4	24-10-1996 – 19-07-2010	Asst. professor	Siddaganga Institute of Technology, Tumakuru-572103, Karnataka, India
5	07-02-1989 – 24-10-1996	Lecturer	Siddaganga Institute of Technology, Tumakuru-572103, Karnataka, India

### Positions held

- Coordinated departmental level works as mentioned below:
- Coordinator and Various other work allotted at Department and Institute level.

### Affiliations of Professional organizations

- NIL

### Awards and Honors

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## Courses Taught

### Undergraduate Courses

- Analog Electronics Circuits
- Integrated Circuits & Applications
- Microcontroller

## Research Guidance

Sl. no	Name of the Scholar	Title	Year of completion
1.	Latha H K E	Synthesis & Characterization of 3C-SiC Thin film for Sensor Applications	2014
2.	H M Kalpana	Design & Development of Thin film Strain Gauge Pressure Sensors using Invar 36 Alloy	2015

## Research Areas

- Electrical Contacts

## Sponsored Projects

Rs. 30.00 lakhs Grant from Vision Group of Science and Technology (VGST) Govt. of Karnataka – **Completed**.

Rs. 8.76 lakhs Grant from GTRE, Bangalore – **Completed**

## Publications

### Journals

- 1) H.K.E Latha, **A. Udayakumar, V.Siddeswara Prasad** (2015), **“Microstructure and electrical properties of nitrogen doped 3C-SiC thin films deposited using methyltrichlorosilane”, Journal of Materials science in semiconductor processing, Vol.29, PP 117- 123.**
- 2) H.K.E Latha, **A. Udayakumar, V.Siddeswara Prasad**, (2014) **“Effect of nitrogen doping on elastic modulus and hardness of 3C-SiC thin films deposited using methyltrichlorosilane”, Journal of Materials research express, DOI:10.1088/2053-1591/1/1/015902.**
- 3) H.K.E Latha, **A. Udayakumar, V.Siddeswara Prasad**, (2014) **“ Effect of nitrogen doping on the electrical properties of 3C-SiC thin films for high temperature sensors applications”, Journal of Acta metallurgica sinica (English Letters), Vol.27, Issue 1, pp, February 2014, 168-174.**
- 4) H.K.E Latha, **A. Udayakumar, V.Siddeswara Prasad**, (2013) **„Growth and effect of deposition pressure on microstructure and electrical properties of**

**3C-SiC thin films deposited using MTS single precursor”, International Journal of thin films science and technology, Vol.2 No.3, pp. 163-170.**

- 5) **H M Kalpana** ,V Siddeswara Prasad and M.M Nayak, “Influence of annealing and thickness on the electrical properties of invar36 thin film for Strain gauge applications”, **International Journal of Thin Films Science & Technology**, Vol. 3, pp. 155-161, 2013.
- 6) H M Kalpana ,V Siddeswara Prasad (2014). “Development of the invar36 thin film strain gauge sensor for strain measurement”, Measurement Science and Technology, vol.25, pp.1-7. doi:10.1088/0957-0233/25/6/065102, IOP Publishing

**Conference Proceedings**

1) Dr. V. Siddeswara Prasad and Dr. J. Nagaraju “**An Experimental Study to show the behavior of Electrical Contact Resistance and Coefficient of Friction at Low Current Sliding Electrical interfaces**” 57<sup>th</sup> IEEE Holm International Conference on Electrical Contacts held at Crown Plaza Northstar Hotel, Minneapolis, MN, USA. During 11<sup>th</sup> to 14<sup>th</sup> Sep 2011 , Page Nos. 254-260

2) **Latha H K E**, A Udayakumar, V Siddeswara Prasad (2013) “Growth and characterization of undoped and nitrogen doped 3C-SiC thin films deposited using methyltrichlorosilane for sensor applications”, **National Symposium on Instrumentation (NSI-38)**, October 24-26, 2013, B.V.B.College of Engineering & Technology, Hubli, pp.104.

3) **Latha H K E**, A Udayakumar, V Siddeswara Prasad, (2013) “Structural and electrical properties of undoped and nitrogen doped 3C-SiC thin films deposited using methyltrichlorosilane”, **International Conference on communication, VLSI and Signal processing (ICCVSP-2013)**, 20<sup>th</sup>-22<sup>nd</sup> Feb’2013,SIT, Tumkur, pp. 304-308.

4) **H M Kalpana** and V Siddeswara Prasad, “Development of INVAR36 thin Films for Strain Gauge Applications”, **International Conference on Communication, VLSI & Signal Processing** held at Siddaganga Institute of Technology, Tumkur. From 20<sup>th</sup> to 22<sup>nd</sup> February 2013, pp 300-303.

5) **H M Kalpana** and V Siddeswara Prasad, **Annealing Effects on Electrical Properties of DC Sputtered Invar36 Thin Film for Strain Gauge Applications**, **National Symposium on Instrumentation (NSI-38)** held at KLE Society’s BVB College of Engineering & Technology, Vidyanagar, Hubli-580031,Karnataka. From 24<sup>th</sup> to 26<sup>th</sup> October 2013, pp 103.