

## VLSI & Nano Technology Department

### PhD Completed between 2011-2017

<b>S N</b>	<b>Supervisor</b>	<b>Year</b>	<b>Student Name</b>	<b>Thesis Title</b>	<b>Co-Supervisor</b>
1	RB Deshmukh	2011-12	Sanjay B Dhok	Design and Implementation of Fast Fractal Image Compression Algorithms	
2	R B Deshmukh	2015-16	Anita Deshmukh	Design Of Novel Low Power Asynchronous Sigma Delta Analog-to-Digital Converter	
3	R M Patrikar	2011-12	Mahendra A Gaikwad	Network-on-chip Architecture using Perfect Difference Network Topology	A S Gandhi
4	R M Patrikar	2013-14	Jayu P Kalambe	Design and Fabrication of Micro cantilever Based Sensor	

## PhD Ongoing

<b>Sr No</b>	<b>Student Name</b>	<b>Supervisor</b>
1	ROHITKUMAR W SOMKUWAR	R B DESHMU KH
2	RAVI SOLANKI	R M PATRIKAR
3	AKASH VILAS JOSHI	R B DESHMU KH
4	T PRAVINRAJ	R M PATRIKAR
5	MEENU RANI	DESHMU KH + DHOK
6	AKANKSHA DEVENDRA PRATAP SINGH	R M PATRIKAR
7	BHOYAR PRACHIN SHESHRAO	DHOK + DESHMU KH
8	ISHAN CHHAGANJI GHOSEKAR	G PATIL
8	AMIT HOLE	V PULLIJALA
10	RAJESH CHIRKUTRAO JUNGHARE	G PATIL
11	ABHISHEK VIJAYKUMAR CHAUDHARY	R M PATRIKAR

## Sponsored R & D Projects Completed

Sr No.	F Y	Name of Faculty (Principal Investigator)	Name of the Funding agency	Title of the Project	Sanctioned Order no. & Date	Total Amt of Project (In Lakhs Rs.)	Amt received in 2016-17(in words)
1	2014-17	1) Prof. R. M. Patrikar 2) Prof. R. B. Deshmukh	Ministry Of Communication and Information Technology	Chip to system design special Manpower development program .	NA	462	Four Crore Sixty Two Lakh
2	2014	1) Prof. R. M. Patrikar 2) Prof. R. B. Deshmukh	Department of science and Technology	Exploration of Micro-cantilever platform for Agricultural Applications” .	NA		
3	2014	1) Prof. R. M. Patrikar 2) Prof. R. B. Deshmukh	Aeronautical Development Agency	Design and Fabrication of instrument for microfluidic studies.(Ongoing )	NA		
4	2014	1) Prof. R. M. Patrikar 2) Prof. R. B. Deshmukh	Rajiv Gandhi Science and Technology Commission Government of Maharashtra (RGSTC)	Center for Innovation, (Incubation Centre) VNIT. Nagpur (Ongoing)	NA		

## **Research Publications as under SCOPUS**

[Dr. G C Patil](#)

[Dr. Palijala Vasu](#)

[Dr. R B Deshmukh](#)

[Dr. Rajendra Patrikar](#)

[Dr. S B Dhok](#)