Mathematics Department

PhD Completed between 2011-2017

S N	Supervisor	Year	Student Name	Thesis Title	Co-Supervisor
1	G P Singh	2016-17	Binay Kumar Bishi	Modified Cosmological Models with recent Observational Constraints	
2	M Devakar	2015-16	Katta Ramesh	Some Studies on the Peristaltic Transport of Non- Newtonian Fluids through Inclined Channels and Inclined Tubes with Endoscope	
3	M Devakar	2015-16	Nallan C Ramgopal	Some Unidirectional Steady flows of Two Immiscible fluids through a Circular Pipe	
4	P P Chakravarthy	2012-13	Nageshwar Rao Ragi	Numerical Methods for Solving Singularly Perturbed Differential Difference Equations	
5	P P Chakravarthy	2016-17	Dinesh Kumar S	Numerical Methods for Solving Singularly Perturbed Delay Differential Equations with Large Delays	

PhD Ongoing

Sr No	Student Name	Supervisor
1	YOGITA TAKATSINGH RATHOD	Nagaraju G
2	ANKUSH S RAJE	M Devakar
3	SAMALA RATHAN	Nagaraju G
4	TRUN GUPTA	P P Chakravarthy
5	KIRAN KUMAR THULA	P Raul
6	RAHUL SHUKLA	R Pant
7	PRADIP RAMESH PATLE	D Patel
8	SHARAD KUMAR DIXIT	Pallavi Mahalle
9	KAMALESH KUMAR	P P Chakravarthy
10	NIKHIL MANIKRAO HULKE	G P Singh
11	RAMESHWAR PANDEY	R P Pant
12	ASHLESHA A BHISE	G Nagaraju + M Devakar
13	SHIVAM BAJPEYI	Sathish Kumar
14	AARTI PATLE	Jyoti Singh
15	SUDHA RANI DEHRI	Satish Kumar A
16	V M K PRASAD GOURA	P K Roul
17	MADDURI MANI HARSHITA	P K Roul

Sponsored R & D Projects Completed

	Sponsored Research Projects approved to VNIT						
	Project Name	**Co-ordinator**	**Dept.**	**Sponsoring Agency**	**Project Value**	**Sanction date**	**Duration (years)**
1	Studies on flows of two immiscible incompressible mocro polar and viscous fluids	M Devakar	Mathematics	NBHM(DAE)	9.565	2015	3years
2	Design analysis and implementation of numerical methods for boundary value problems	Pradip Raul	Mathematics	NBHM(DAE)		2016	3years
3	Numerical methods for a class of singular two point boundary value problems	Pradip Raul	Mathematics	DST(SERB)	12.411	2016	3years
4	Numerical methods for solving multi parameter singularly perturbed boundary value problems	Pramod P Chakrabarty	Mathematics	NBHM, DAE	16,84,000	Feb.13/2017	3 years

Sponsored R & D Projects Ongoing

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	2017-18	P. Pramod Chakravarthy	DAE(NBHM)	Numerical methods for solving multi-parameter singularly perturbed boundary value problems	No.2/48(33)/2016/NBHM(R.P)/R&D II/4533 31-3-2017	16.75	Sixteen Lakh Seventy Five thousand
2	2016-17	M.Devakar	NBHM, DAE	Studies on the flows of two immiscible incompressible micropolar and viscous fluids	No.2/48(23)/2014/NBHM-R&D II/2364 13-02-2017	46.02	Four Lakh Sixty Thousand Two Hundred only
3	2016-17	Pradip Roul	NBHM, DAE	Design, Analysis and implementation of numerical methods for doubly singular boundary value problems	2/48(14)/2016/NBHM(R.P)/R&D II/14608 02.11.2016	14.41	Fourteen lakh fourty one thousand
4	2016-17	Pradip Roul	SERB, DST	Numerical methods for a class of singular two-points boundary value problems	SB/S4/MS:877/14 14.10.2015	2	Two lakhs only

Research Publications as under SCOPUS

Dr. Deepesh Kumar Patel

Dr. G Naga Raju

Dr. G P Singh

Dr. M Devakar

Dr. P P Chakravarthy

Dr. Ms. Pallavi Mahale

Dr. Pradip Roul

Dr. Rajendra Pant