



॥ विद्या विनयेन शोभते ॥

Janardan Bhagat Shikshan Prasarak Sanstha's

**CHANGU KANA THAKUR**

**ARTS, COMMERCE AND SCIENCE COLLEGE, NEW PANVEL  
(AUTONOMOUS)**

Re-accredited 'A+' Grade by NAAC (3<sup>rd</sup> Cycle - CGPA 3.61)

'College with Potential for Excellence' Status Awarded by UGC

'Best College Award' by University of Mumbai

## Department of Chemistry

### A) Research Projects by Teachers: (12)

Year	Name of the Teacher	Funding Agency	Amount in Rs.	Status (Ongoing/ Completed)
2019-20	Dr. S.S. Patil	UGC	4,50,000	Completed
2020-21	Dr. S.K. Patil	Rashtriya Uchchatar Shiksha Abhiyan (RUSA)	1,00,000	Completed
	Dr. B.V.Jadhav	Rashtriya Uchchatar Shiksha Abhiyan (RUSA)	1,00,000	Completed
	Dr. J.S. Thakur	Rashtriya Uchchatar Shiksha Abhiyan (RUSA)	1,00,000	Completed
	Dr. B.D. Aghav	Rashtriya Uchchatar Shiksha Abhiyan (RUSA)	1,00,000	Completed
	Dr.V.S. Kamble	Rashtriya Uchchatar Shiksha Abhiyan (RUSA)	1,00,000	Completed
	Dr.S.N. Vajekar	Rashtriya Uchchatar Shiksha Abhiyan (RUSA)	1,00,000	Completed
	Ms.K.J. Pawar	Rashtriya Uchchatar Shiksha Abhiyan (RUSA)	1,00,000	Completed
2021-22	Dr. D.K. Patil	Changu Kana Thakur Arts,Commerce & Science college, NewPanvel (Autonoums)	17,000	Completed
2022-23	Dr. J.M. Pawara	Rashtriya Uchchatar Shiksha Abhiyan (RUSA)	1,00,000	Ongoing
	Dr.J.G. Pargaonkar	Rashtriya Uchchatar Shiksha Abhiyan (RUSA)	1,00,000	Ongoing
	Dr. S. M Chilate	Rashtriya Uchchatar Shiksha Abhiyan (RUSA)	1,05,000	Ongoing

## Department of Chemistry

### B) Research Projects by Ph.D. Students : (09)

Year	Name of the Student and Teacher	Funding Agency	Amount in Rs.	Status (Ongoing/ Completed)
2020-21	Mrs. M. R. Zirpe & Dr. J. S. Thakur	Rashtriya Uchchatar Shiksha Abhiyan (RUSA)	1,00,000	Completed
	Mrs. G. V. Shinde & Dr. J. S. Thakur	Rashtriya Uchchatar Shiksha Abhiyan (RUSA)	1,00,000	Completed
	Mrs. A. M. Salve & Dr. V. D. Patil	Rashtriya Uchchatar Shiksha Abhiyan (RUSA)	1,00,000	Completed
	Mr. T. S. Umasare & Dr. S. K. Patil	Rashtriya Uchchatar Shiksha Abhiyan (RUSA)	1,00,000	Completed
	Dr. B. T. Vibhute & Dr. S. K. Patil	Rashtriya Uchchatar Shiksha Abhiyan (RUSA)	1,00,000	Completed
2022-23	Mr. A. D. Pinjarkar & Prof. (Dr.) B. V. Jadhav	Rashtriya Uchchatar Shiksha Abhiyan (RUSA)	1,00,000	Ongoing
	Mr. Amol Nikam & Prof. (Dr.) B. V. Jadhav	Rashtriya Uchchatar Shiksha Abhiyan (RUSA)	1,00,000	Ongoing
	Ms. Chaitrali Patil & Prof. (Dr.) S. K. Patil	Rashtriya Uchchatar Shiksha Abhiyan (RUSA)	1,00,000	Ongoing
	Ms. Priya A. Patil & Dr. B. D. Aghav	Rashtriya Uchchatar Shiksha Abhiyan (RUSA)	1,00,000	Ongoing



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**C) Research Projects by Faculty Non-Governmental Organization : (04)**

Sr. No.	Principal Investigator	Title of the Project	Funding Agency	Duration	Amount (in Rs.)
01	Dr.J.S Thakur	Metal-based Nanocomposites for Smart Food Packing.	Thakur Infraprojects Pvt.Ltd.	Two years	4,25000/-
02	Dr.V S Kamble	Advanced Combination of ZnO Nanomaterial's for Enhancing Gas Sensing Applications: A Comprehensives Study on Environmental Hazardous Gas Detection.	Thakur Infraprojects Pvt.Ltd.	Two years	4,15,000/-
03	Dr.D.K.Patil	Preparation and Analysis of Mixed Ligand Lanthanum Complexes Involving Determination of Physicochemical Spectral, Thermal Properties and Antibacterial Investigation.	Thakur Infraprojects Pvt.Ltd.	Two years	100,000/-
04	Dr.J.M.Pawara	Characterization and Applications of Metal Oxide Nanoparticles Synthesis via Thermal Decomposition of Mixed Ligand complexes of Transition Metal.	Thakur Infraprojects Pvt.Ltd.	Two years	105,000/-



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### Research Projects by Faculty: (12)

Academic Year	Funding Agency	Number of Projects	Amount Sanctioned	Status
2019-20	UGC	01	4, 50, 000/-	Completed
2020-21	RUSA	07	7, 00, 000/-	Completed
2021-22	Research Seed Money by Institute	01	17,000/-	Completed
2022-23	RUSA	03	3, 05, 000/-	Ongoing
	<b>Total</b>	<b>12</b>	<b>14, 72, 000/-</b>	

### Research Projects by Students: (09)

Academic Year	Funding Agency	Number of Projects	Amount Sanctioned	Status
2020-21	RUSA	05	5, 00,000/-	Completed
2022-23	RUSA	04	4, 00,000/-	Ongoing
	<b>Total</b>	<b>09</b>	<b>9, 00, 000/-</b>	

### Research Projects by Faculty Non-Governmental Organization (04)

Academic Year	Funding Agency	Number of Projects	Amount Sanctioned	Status
2023-24	TIPL	04	10, 45,000/-	Completed
	<b>Total</b>	<b>04</b>	<b>10, 45,000/-</b>	



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### A) Avishkar Research Projects

Year	No. of Projects participated		No. of Awards received (Gold/ Silver/ Bronze)			
	District	University	District	University		
				G	S	B
2019-20	04	01	01	--	--	--
2020-21	04	01	01	--	--	--
2021-22	05	04	04	01	--	--
2022-23	06	02	02	--	--	--
2023-24	06	01	01	--	--	--

### B) Anugoonj Projects : (08)

Year	No. of Projects	No. of Students	Name of the Guide/ Teachers
2019-20	02	10	Dr. J. S. Thakur
		12	Dr. V. D. Patil
2020-21	02	12	Dr. V.S. Kamble
		12	Dr. J.M. Pawara
2021-22	02	13	Dr. D.K. Patil
		13	Ms. S.A. Shaikh
2022-23	02	09	Dr. D. K. Patil
		09	Ms. S. A. Shaikh
2023-24	02	08	Dr.J.G.Pargaonkar
		08	Dr.S.M.Chilate