

MAJOR RESEARCH PROJECT
Chemistry

S. No	Name of P.I. Department Date of Birth	Name of CO-investigator	Address of the University/College	Title	Screening committee Recommendation	Remarks
1	Dr. Alka Tangri Dept. of Chemistry 10.1.1966	Mr. Lalit Kumar Singh HBTI, Kanpur	Brahmanand College Kanpur- Chhatrapati Shahu Ji Maharaj University, Kanpur	Production of xylitol (A natural sweetener) by fermentation	S.No. 10.P.617	
2	Dr. Pranab Jyoti Das Dept. of Chemistry 12.11.1952		Guwahati University Guwahati- 781014, Assam	Effect of electrolytes on the Acidic and basic properties of zirconium oxide and the use of treated zirconia as a solid catalysts in solvent free organic transformations and for synthesis of heterocycles of biological importance.		
3	Dr. V. Padmavathi Dept. of Chemistry 11.9.1962		Sri Venkateswara University Tirupati- 517502	Synthesis and pharmacological evaluation of heterocyclic systems.		
4	Dr. V. Venkateswaran Dept. of Chemistry 10.1.1953		Erode Arts College for Women, Rangampalayam Erode- 638009 Bharathiar University, Coimatore	A study on removal of Toxic metals and dyes from waste waters using nano composites	S.no. 11.P.527	

5	Dr. O.P. Singh Dept. of Chemistry 15.12.1963	Dr. R. N. Yadav	Raj Rishi College Alwar, Rajasthan- University of Rajasthan, Jaipur	Use of high valency inorganic cations as defluoridating agent in drinking water.	S.No. 40.P.511	
6	Dr. S.T. Nandibewoor Dept. of Chemistry 1.7.1953		Karnatak University Dharwad- 580003, Karnataka	Structure reactivity studies on the transition metal ions catalysis of Carbohydrates by unusual oxidation state oxidants.		
7	Dr. P. Venkateswarlu Dept. of Chemistry 1.1.1954	Dr. G. Prabhakar	Sri Venkateswara University Tirupati- 517502	Estimation of thermodynamic properties of mixtures containing ionic liquids.		
8	Dr. C. Jayabalakrishnan Dept. of Chemistry 4.4.1959	Dr. M. Gowri Avinashilingam University for Women Coimbatore - 641043	Sri Ramakrishna Mission Vidyalaya Coimbatore- 641020 Bharathiar University, Coimbatore	Ruthenium (II) (III) Heterocyclicthiosemicarbazone complexes: Synthesis, Structural characterization, antioxidant and DNA - binding studies.	S.No. 39.P.530	
9	Dr. Prakash M. Bhate Dept. of Chemistry 7.10.1953		Institute of Chemical Technology (Autonomous) Matunga, Mumbai- 400019	Chiral synthesis from carbohydrate precursors - Synthesis of solistatin and solistatinol		
10	Dr. J. Jayabharathi Dept. of Chemistry 5.6.1966		Annamalai University Annamalainagar- 608002, TN	Synthesis of cyclometalated iridium (III) complexes and their applications in organic light emitting devices.		

11	Dr. Manohar G. Chaskar Dept. of Chemistry 30.10.1966	Prof. Vikram Shantaram Ghole University of Pune Pune	Waghire College of Arts, Science and Commerce Saswad, Pune- 412301 Pune University , Pune	Studies of synergistic effect of microbial an photocatalytic treatment of distillery spent-wash for its safe disposal.	S.No. 134.P.415	
12	Dr. Aresh Vikram Singh Dept. of Chemistry 7.10.1963.		Jai Narain Vyas University Jodhpur- 342001, Rajasthan	Beneficiation of low Grade Lignite From Deposits of Rajasthan.		
13	Dr. T. Veeraiah Dept. of Chemistry 9.2.1955		Sree Anantha Padmanabha Arts, Science & Commerce College, Vikarabad, Rangareddy- 501101, AP Osmania University , Hyderabad	Charge Transfer Complexes of drugs with Acceptors	S.No. 85.P.34	
14	Dr. VinodKumar Tiwari Dept. of Chemistry 3.1.1976		Banaras Hindu University Varanasi- 221002	Development of benzotriazole mediated new synthetic methodology and their applications.		
15	Dr. Sangamesh A. Patil . Dept. of Chemistry 25.7.1956	Dr. Prema S. Badami S.B. College of Science Gulbarga	Karnatak University Dharwad- 580003	Metal Complexes of biologically potential coumarin schiff basis.		

16	Dr. Nighat Fahmi Dept. of Chemistry 1.12.1962		University of Rajasthan Jaipur-	Transition metal ion directed synthesis and characterization of macrocyclic complexes and their biological activity.		
17	Dr. Ashutosh V. Bedekar Dept. of Chemistry 19.1.1965		The Maharaja Sayajirao University of Baroda Vadodar- 390002, Gujarat	Axially Chiral molecules: Synthesis, Characterization and Applications.		
18	Dr. C. Venkata Rao Dept. of Chemistry 1.7.1960		Sri Venkateswara University Tirupati- 517502, AP	Synthesis of 2 - Strylchromones and Cytotoxicity evaluation.		
19	Dr. Rajesh Kumar Dept. of Chemistry 15.5.1974		Banras Hindu University Varanasi- 2221005, UP	Synthesis and study of new water soluble amino acid absed vinyl monomers and polymers.		
20	Prof. Vyasji Tripathi Dept. of Chemistry 28.7.1945		Banaras Hindu University Varanasi- 221005	Chemcial investigation of some Indian medicinal plants (namely, Salacia reticulata, Disocorea bulbifera L. and Aegle marmelos Corr.)		
21	Dr. M.C. Purohit Dept. of Chemistry 22.12.1966		H.N.B. Garhwal University Pauri - Uttarakhand-	Screening of plants for natural dyes and development of low cost techniquefor improvement of the traditional system of dyeing and its commercialization		
22	Dr. Shivaraj . Y Dept. of Chemistry 5.7.1977		Government First Grade College Chickballapur- 562101, Karnatka Bangalore University, Bangalore	Electrochemical study of cytochrome C on Dna modified carbon electrodes and its applications towards biomolecules as a biosensor	S.No. 34.P.217	

23	Dr. Srikant S. Kulkarni Dept. of Chemistry 12.12.1961	Dr. Mahadevappa Y. Karnatak University Dharwad - 580004	J.S.S. Banashankari Arts, Commerce and Shanti Kumar Gubbi Science College Vidyagiri, Dharwad-580004 Karnatak University, Dharwad	Synthesis and characterization of polymeric membranes of the pervaporation separation of Aqueous-Organic mixtures	S.No. 57.P.236	
24	Dr. Vinod Prasad Singh Dept. of Chemistry 1.1.1964		Banaras Hindu University Varanasi- 221005	Transition metal coordination polymer derived from polymeric Schiff bases: Synthesis, Characterization and biological applications		
25	Dr. Rajeev Jain Dept. of Chemistry 30.8.1954		Jiwaji University Gwalior- 474011	Electrochemical studies and quantification of some pharmaceuticals in micellar systems.		
26	Dr. Vishnu Ji Ram Dept. of Chemistry 3.10.1942 Retired 31.10.1942	Dr. Vishnu Kumar Tandon	University of Lucknow Lucknow- 226007	2-Pyranone: A novel synthon for the construction of highly congested azines.		
27	Dr. R.T. Pardasani Dept. of Chemistry 9.7.1954	Dr. Rahul Joshi	University of Rajasthan Jaipur- 302055	Preparation and properties of models for thiophenic drugs: a Comparative reactivity of benzothiofene - 2,3-Diones with aromatic amines and ketones.		
28	Dr. Ajay Sharma Dept. of Chemistry 10.10.1966		Govt. College Sirohi- 307001, Rajasthan M.L.S. University, Udaipur	Physicochemical study of groundwater of Sirohi District.	S.No. 8.P. 503	

29	Dr. T. Rajendran Dept. of Chemistry 13.1.1953		Vivekananda College, Thiruvudagam Madurai- 625217 Madurai Kamraj University, Madurai	Aggregation inducaed molecular probes		
30	Prof. R.K. Bansal Dept. of Chemistry 20.10.1942 Reitred on 31.10.1942	Dr. (Mrs.) Neelima Gupta	University of Rajasthan Jaipur- 302004	Experimental and theoretical investigation of 1,5 electrocyclization of cycloiminium 2-phosphaallyides		
31	Dr. M. Karpagavalli Dept. of Chemistry 22.12.1974	Dr. R. Nagarathnam	Maduri College Madurai- 625011, T.N Madurai Kamaraj University, Madurai	Generation of new heterocyclic compounds from open chain compounds and their biological activity.	S.No. 22.P.547	
32	Dr. (Mrs.) Geetika Borah Dept. of Chemistry 30.12.1971		Dibrugarh University Dibrugarh- 786004, Assam	Synthesis and characterization of novel platinum metals compexes of multifunctionalized phosphino-Amine ligands.		
33	Dr. Pravinkumar M. Patel Dept. of Chemistry 20.6.1972		Vittalbhai Patel and Rajrathan P.T. Patel Science College Vallabh Vidyanagar- 388120, Gujarat not mention	Development and comparision of efficient method that allow rapid access to Functionalized heterocyclic compounds with their pharmacological and Biological interest.	S.No. 18.P.160	
34	Dr.(Mrs.) Zeba N. Siddiqui Dept. of Chemistry 2.4.1966	Dr. Razi Ahmad	Aligarh Muslim University Aligarh- 202002, UP	Synthesis of chalcones, correspondin pyrazolines and their evaluation for pharmacological activities	Not in 12 (B)	

35	Dr. P.K. Dutta Dept. of Chemistry 9.11.1962		Motilal Nehru National Institute of Technology Allahabad- 211004	Preparation characterization and biological activity of fluroence based chitosan for biomedical applications.		
36	Dr. Sukalyan Dash Dept. of Chemistry 7.7.1967		University College of Engineering Burla- 768018, Orissa Biju Patnaik University of Technology, Rourkela	Synthesis of some mono and bischromophoric cyaninedyes and their absorption studies in homogeneous and micro- heterogeneous media.		
37	Dr. Dilip Kumar Kakati Dept. of Chemistry 2.11.1958		Guwahati University Guwahati- 781014, Assam	Synthesis and characterisaation of polyurethane anionomer and polyaniline conducting composites.		
38	Dr. M. Meenakshisundaram Dept. of Chemistry 6.10.1961	Dr. N. Kannan	Ayya Nadar Janaki Ammal College Sivakasi- 626124 Madurai Kamaraj University, Madurai	Studies on dynamics of adsorption of dyes form water and textile effluents.	S.No. 7.P. 545	
39	Dr. V.S. Shrivastava Dept. of Chemistry 14.6.1962	Dr. M.M.V. Ramanna University of Mumbai Mumbai - 400092	G.T.Patel Arts, Commerce & Science Nandurbar- 425412, MS North Maharashtra University, Jalgaon	Development of nano materials for the pollution control.	S.No. 16.P. 396	
40	Dr. More Dhananjay Hiraman Dept. of Chemistry 1.6.1967		School of Chemical Sciences North Maharashtra University- Jalgaon - 425001, MS	Design and synthesis of 2-substituted benzimidazole compoiunds as potent antiulcer agent.		

41	Prof. Renuka Jain Dept. of Chemistry 28.12.1952		University of Rajasthan Jaipur- 302055	Evaluation of anthroquinones and related compoiunds from Cassia species as antimicrobial and antioxidant agents.		
42	Dr. C. Kannan Dept. of Chemistry 3.5.1970		Manonmaniam Sundaranar University Tirunelveli- 12, TN	Green chemistry approach to produce a Novel Dye gas for fuel from organic dye effluent over alumino Phosphate absed mesoporous molecular sieves.		
43	Dr. Balakrishna Kalluraya Dept. of Chemistry 15.8.1959		Mangalore University Mangalanothri- 574199	Dipolar Addition Reaction: Synthesis of some novel 1,2,3-Triazole derivatives as possible bioactive agents.		
44	Dr. (Miss.) Jyotsna Lal Dept. of Chemistry 11.3.1966	Dr. Mahesh Chandra Institute of Engg. & Rural Technology Allahabad, UP	Christ Chruch PG College Kanpur, UP- Chhatrapati Shahu Ji Maharaj University, Kanpur	A Study on the effect of Exposure to environmental tabacco smoke and identification of nicotine in tabacco products.	S.No. 16.P. 618	
45	Dr. Sagar Pal Dept. of Chemistry 10.6.1977	Mr. Arijit Basu	Birla Institute of Technology Mesra, Ranchi- 835215	Synthesis and application of a novel polymeric biomaterial based on polyacrylamide grafted carboxymethyl guar gum (CMG-gPAM)		
46	Prof. Prem Singh Verma Dept. of Chemistry 31.10.1948	Dr. Alka Sharma	University of Rajasthan Jaipur, Rajasthan-	Efficacy of some green inhibitors to combat corrosion of some industrial metals and their alloys.		
47	Dr. V.K. Subramaniam Dept. of Chemistry 31.5.1970	Prof. V.R. Parameswaran	Annamalai University Annamalainagar- 608002, TN	Thermo chemical synthesis of CaCO ₃ and study of its morphogenesis under different chelating agents.		

48	Dr. Raju Ratnani Dept. of Chemistry 1.7.1964		MDS University Ajmer, Rajasthan- 305009	Main group chaicogenophosphate compounds -potentially useful as single source precursors for nonostructured electronic materials.		
49	Dr. E. Murugan Dept. of Physical Chemistry 10.6.1968		University of Madras Chennai- 600025	New biocompatible amphiphilic dendrimervehicles for effective delivery of cancer drugs.		
50	Dr. Gurjaspreet Singh Dept. of Chemistry 8.12.1975		Punjab University Chandigarh- 160014	Studies on novel silatranes.		
51	Dr. S. Sriman Narayanan Dept. of Analytical Chemistry 15.9.1955		University of Madras Guindy Campus, Chennai- 600025	Chemically modified electrodes using ionic liquids and nonomaterials.		
52	Dr. Rajesh Kuamr Singh Dept. of Chemsity 1.7.1964		M.L.K. PG College Balrampur, UP- 271201 Dr. R.M.L. University, Faizabad, UP	Osar study of inhibitors of matrix metalloproteinase enzyme.	S.No. 20.P. 589	
53	Prof. R.N. Prasad Dept. of Chemistry 6.1.1949	Dr. Mithlesh Agrawal	University of Rajasthan Jaipur- 302004, Rajasthan	Synthesis and characterization of trioxa diazamacrocyclic complexes of 3d metals.		
54	Dr. M. Ganesan Dept. of Chemistry 18.4.1958		Vivekananda College Madurai- 625217, TN Madurai Kamaraj University, Madurai	Photochemcial generation of Ru (III) ion and its electron transfer reaction with methionine peptides.	S.No. 54.P. 550	

55	Dr. Mangal nath Dept. of Chemistry 4.12.1946		Hans Raj College Delhi- 110007 University of Delhi, Delhi	Development o antibacterial, antifungal and anticancer drugs of natural origin.	S.No. 22.P. 126	
56	Dr. N. Nagaraju Dept. of Chemistry 26.5.1958		St. Joseph College Shantinagar, Bangalore- 560027 Bangalore University, Bangalore	Synthesis, characterization and catalytic activity studies of supported oxide and mixed oxide nanoparticles.	S.No. 72.P. 221	
57	Dr. Santosh Kumar Tripathi Dept. of Chemistry 1.7.1957		Vikramjit Singh Sanatan Dharam (PG). College Kanpur- 208002 CSJM University, Kanpur	Development of resole-type phenolic resin with long self-life.	S.No. 70.P.624	
58	Dr. A. Suganthi Dept. of Chemistry 14.4.1963		Thiagarajar College (Autonomous) Madurai- 625009, TN Madurai Kamaraj University, Madurai	Visible light assisted photocatalytic degradation of organic pollutants using surface modified semiconductor nanoparticles.	S.no. 3.P.608	
59	Dr. Deepa Singh Dept. of Chemistry 25.6.1959		Bareilly College Bareilly, UP- 243005 M.J.P. Rohilkhand University, Bareilly.	Topological descriptor based study to testosterone and its derivatives.	S.No. 3.P. 608	

60	Dr. (Mrs.) Kshama Chaturvedi Dept. of Chemistry 20.1.1961		Agra College Agra- 282002 Dr. Babasaheb Ambedkar University, Agra	Synthesis, Characterization of structure and biocidal activity of sulpho drugs, their derivatives and metal complexes.	S.No.3.P. 581	
61	Dr. Shivaji Nivrutti Thore Dept. of Chemistry 25.6.1967	Sandeep Dilipsing Pardeshi	Vinayakrao Patil Mahavidyalaya Vaijapur, Aurangabad-423701 Dr. Babasaheb Ambedkar Marthwada University, Aurangabad	Organic synthesis in Aqueous Media.	S.No. 57.P.379	
62	Dr. N. Babu Dept. of Chemistry 5.10.1954		Sree Narayana College Kollam, Kerala- 691001 University of Kerala, Kerala	Thermo kinetic and antibacterial studies on complexes with poly dentate ligands.	S.no. 42, P.288	
63	Dr. M.K. Sreedhar Dept. of Chemistry 5.3.1954	Mr. G. Rajeev	University College, MG Road Thiruvananthapuram, Kerala- 695034 University of Kerala, Thiruvananthapuram	Polyoxometalate nonosorbent for environmental remediation.	S.No. 56.P.289	
64	Dr. Tej Vir Singh Dept. of Chemistry 10.7.1946	Dr. P. Venugopalan	Punjab University Chandigarh- 160014	synthesis characterization and reactivity of x-aryl and x,x-diaryl fluoroacetophenones.		

65	Dr. Dipak Tukaramji Tayade Dept. of Chemistry 10.1.1965		R.R. Lahoti Science College Morshi, Amravati- 444905 Sant Gadge Baba Amravati University, Amravati	A novel contribution of chemist in creating an awareness and educate the people of Morshi region in hilly area of Satpuda base about chemical hazardness and conservation of Biodiversity.	S.No. 41.P.353	
66	Dr. Hari Prasad S. Dept. of Chemistry 22.7.1963		Bangalore University Bangalore- 560001, Karnataka	Cyclic vinyl silanes: synthesis and reactions of some useful novel synthons.		
67	Dr. D.B. Aruna Kumar Dept. of Chemistry 6.10.1976	Dr. C. Suresh Kumar	Government Science College BH Road, Tumkur- 572103, Karnataka Bangalore University, Bangalore	Isolation and characterisation of bioactive secondary metabolites from medicinal plants in the parts of pennsula craton for activity against skin diseases - An ethnobotanical investigation.	S.No. 36.P.217	
68	Dr. Sajeew Soni Dept. of Chemistry 9.10.1965		Goswami Ganesh Dutta Santan Dharma College Sector-32, Chandigarh- 160030 Punjab University, Chandigarh	Cationic chloro pentaamminecobalt (III) Chloride as anion receptro: Synthesis, Charcterisation and X-ray crystallographic studies.		

69	Dr. V.L. Pushpa Dept. of Chemistry 31.5.1966	K.B. Manoj	Sree Narayana College Neduvaramcode P.O., Chengannur- Alapuzha, Kerala Kerala University, Kerala	Development and investigation of effective sulphadiazine drugs for cancer treatment.		
70	Dr. Vijay K. Agrawal Dept. of Chemistry 11.6.1957		Awadhesh Pratap Singh University Rewa- 486003, MP	Modeling of anti-HIV activity of some HEPT Derivatives		
71	Dr. A. Rajendran Dept. of Chemistry 25.7.1970		Sir Theagaraya College Chennai- 600021, TN University of Madras, Chennai	Investigation of Ionic liquids as efficient and reusable reagents for Organic synthesis under solvent free conditions: A novel green chemical approach.		
72	Dr. Akhilesh Kumar Verma Dept. of Chemistry 1.9.1968		University of Delhi Delhi- 110007	Design of tandem and selective synthesis of a x-fused polycyclic quinoxalines.		
73	Dr. G. Raja Gopal Dept. of Chemistry 28.7.1969		Government Arts College (Men) Nandanam, Chennai- 600035 University of Madras, Chennai	Asymmetric Henry reaction mediated by Polymer supported metal complexes.		
74	Dr. Sanjay Kumar Srivastava Dept. of Chemistry 14.8.1963		Jiwaji Uini Gwalior- 474011, MP	Design, synthesis and characterization of heterofunctionalised chalcogen bearing ligands and their reactivity.		

75	Dr. Pankaj Das Dept. of Chemistry 24.2.1973		Dibrugarh University Dibrugarh- Assam	Development of platinum group metal based heterogeneous catalysts through coordinative attachment between the support and the metal centre.		
76	Dr. Madhu Gupta Dept. of Chemistry 22.12.1959		MMH PG College Ghaziabad- CCS University, Meerut	Modeling of biological activity of carbonic anhydrase inhibitors.		
77	Dr. N. Vasudeva Reddy Dept. of Chemistry 22.1.1969		University Arts & Science College Warangal- 506001, AP Kakatiya University, Warangal	Click chemistry : Synthesis of novel 1,4 deisubstitued 1,2,3 - Triazoes and evaluation of biological activity .		
78	Dr. J. Madhukar Dept. of Chemistry 10.5.1963		University Arts and Science College Warangal- 506001 Kakatiya College, Warangal	Purification and characterization of riboflavin binding protein from Egg-white and egg-yolk of common crane (Grus grus)		
79	Prof. G. Venkateshwar Rao Dept. of Chemistry 14.11.1954	Dr. S. Ramanna	Kakatiya University Warangal- 560009	Metabolic transformations of drugs and related compounds in humans and mimicking them through cyclic voltametric studies and electro-organic synthesis of drug derivatives.		
80	Dr. Baru Vijaya Kumar Dept. of Chemistry 5.2.1956	Dr. Y. Narsimha Reddy Kakatiya University Warangal	C.K.M. Arts & Science College Desaipet, Warangal- Kakatiya University, Warangal	Synthesis of novel phenoxazine derivatives as potent antihyperglycemic and hypolipidemic agents.		

