

Graduating Year and Roll Number	Name of the Scholar	Name of the Guide(s)	Title of the Thesis
1967/PHDC-01	JAGADISH RAI JAIN	DR. C. N. PILLAI	STUDY OF THE MECHANISM OF CATALYTIC DEHYDRATION OVER ALUMINA 1967
1967/PHDC-02	M RAMAKRISHNA UDUPA	DR G ARAVAMUDAN	STUDIES ON THIOUREA COMPLEXES OF ZINC CADMIUM MERCURY COBALT AND NICKEL 1967
1968/PHDC-01	J RAJARAM	DR J C KURIAKOSE	THE KINETICS AND MECHANISM OF THE BROMINATION OF P-BROMOPHENOL 1967
1968/PHDC-02	K. NARAYANAN	DR. C. N. PILLAI	STUDY OF THE DEHYDRATION OF ALCOHOLS ON OXIDE CATALYSTS 1968
1969/PHDC-	C. DANIEL	DR. J. C. KURIAKOSE	INVESTIGATION OF THE DUAL ACTIVITY OF CHROMIA-ALUMINA FOR THE REACTIONS OF ISOPROPANOL 1969
1969/PHDC-	S. V. KANNAN	DR. C. N. PILLAI	CONVERSION OF ALCOHOLS TO ETHERS AND ALKYLATION OF PHENOLS BY ALCOHOLS OVER ALUMINA 1969
1969/PHDC-	SATYANARAYANA RAO	DR. G. ARAVAMUDAN	OXIDATIONS WITH CHLORAMINE-T AND DICHLORAMINE-T 1969
1969/PHDC-	R. SWAMINATHAN	DR. J. C. KURIAKOSE	INVESTIGATION OF THE CATALYTIC PROPERTIES OF CHROMIA FOR THE DEHYDRATION AND DEHYDROGENATION OF ALCOHOLS AND KETONIZATION OF ALIPHATIC ACIDS 1969
1969/PHDC-	D. VENKAPPAYYA	DR. G. ARAVAMUDAN	METAL COMPLEXES OF MORPHOLINE, 1,2-DIMORPHOLINOETHANE AND THEIR DERIVATIVES
1969/PHDC-	B. VISWANATHAN	DR. M. V. C. SASTRI & DR. V. SRINIVASAN	PHYSICO-CHEMICAL STUDIES ON CATALYSTS 1969
1970/PHDC-0	N. CHATTANATHAN	DR C KALIDAS	STUDIES ON INDICATOR ACIDITY FUNCTIONS IN NON-AQUEOUS MEDIA 1970
1970/PHDC-0	S. R. RAJAGOPALAN	DR. M. V. C. SASTRI	PHYSICO-CHEMICAL STUDIES ON ELECTRO-DEPOSITED MATERIALS:BLACK NICKEL 1970
1970/PHDC-0	D. V. RAMANA	DR. C. N. PILLAI	HYDROGEN TRANSFER REACTIONS CATALYSED BY ALUMINA 1970
1970/PHDC-0	M. SANTHANAM	DR. V. RAMAKRISHNAN	MECHANISTIC STUDIES OF THE PHOTSENSITIZED OXIDATION OF ANILINE 1970
1971/PHDC-02	J RADHAKRISHNAN	DR S R RAMADAS	SYNTHETIC INVESTIGATIONS ON OXASTEROIDS 1970

1971/PHDC-03	S. SAMPATH	DR G ARAVAMUDAN	STUDIES ON URANIUM AND THALLIUM COMPOUNDS
1971/PHDC-04	S SANTHANA GOPALAN	DR C N PILLAI	STUDIES ON THE DEHYDRATION OF ALCOHOLS OVER ALUMINA 1970
1972/PHDC-01	P RABINDRA REDDY	DR M M TAQUI KHAN	METAL CHELATES OF TRIPOLYPHOSPHORIC ACID AND ITS ESTERS 1972
1972/PHDC-02	P R SETHURAMAN	DR G ARAVAMUDAN	CHEMISTRY OF SELENIUM (II) AND TELLURIUM (II) 1971
1973/PHDC-01	N. GANGA DEVI	DR. V. MAHADEVAN	VINYL POLYMERIZATION INITIATED BY REDOX SYSTEMS BASED ON TRIVALENT MANGANESE 1973
1973/PHDC-02	N GEORGE HENDERSON	DR C N PILLAI	STUDIES IN ELIMINATION REACTIONS 1972
1973/PHDC-03	V C JOSEPH	DR T V RAMAKRISHNA	STUDIES ON THE ANALYTICAL APPLICATIONS OF INDOXINE 1973
1973/PHDC-04	M P KRISHNAN UNNI	DR C N PILLAI	MECHANISTIC STUDIES ON HYDRIDE TRANSFER AND RELATED REACTIONS 1973
1973/PHDC-05	R VENKATACHALAM	DR J C KURIAKOSE	STUDIES ON THE ACTIVITY OF IRON OXIDE AND IRON OXIDE-ALUMINA CATALYSTS 1972
1973/PHDC-06	R UMA	DR J C KURIAKOSE	STUDIES ON THE ACTIVITY OF BINARY OXIDE CATALYSTS CONTAINING ZINC OXIDE 1972
1974/PHDC-01	R K ANDAL	DR M M TAQUI KHAN	RUTHENIUM COMPLEXES THEIR PREPARATION AND ROLE IN THE ACTIVATION OF SMALL MOLECULES
1974/PHDC-02	R. BALAJI GUPTA	DR M V C SASTRI	MECHANISM OF THE FISHER-TROPSCH SYNTHESIS ON COBALT CATALYSTS 1973
1974/PHDC-03	C R KRISHNAMOORTH Y	DR M M TAQUI KHAN	INTERACTION OF METAL IONS WITH PURINE AND PYRIMIDINE BASES 1973
1974/PHDC-04	PALANISAMY T	DR M V C SASTRI	SOLID STATE ASPECTS OF SOME TERNARY OXIDES OF VANADIUM 1974
1974/PHDC-05	P. RAJARAM	DR M V C SASTRI	STUDIES ON THE FORMATION AND CATALYTIC PROPERTIES OF MANGANESE MOLYBDATE 1973
1974/PHDC-06	P S RAMAN	DR V MAHADEVAN	KINETICS OF POLYMERIZATION OF TRIOXANE 1973
1974/PHDC-07	R RAMASWAMY	DR J C KURIAKOSE	ELECTROCHEMICAL TECHNIQUES IN THE KINETIC STUDY OF SOME VERY FAST REACTIONS- DISSOCIATION OF WEAK ACIDS 1974
1974/PHDC-08	BHALACHANDRA G SEJEKAN	DR G ARAVAMUDAN	METAL COMPLEXES OF ETHANOLAMINES AND DERIVATIVES 1974

1974/PHDC-09	S SHAREEF AHAMED	DR M M TAQUI KHAN	PREPARATION AND STRUCTURAL ELUCIDATION OF OSMIUM COMPLEXES 1974
1974/PHDC-10	N SRIDHAR	DR J C KURIACOSE	MECHANISTIC STUDIES IN HOMOGENEOUS CATALYSIS BROMINATION OF AROMATIC
1974/PHDC-11	S SUBBA RAO	DR T V RAMAKRISHNA	DETERMINATION OF TRACE AMOUNTS OF BORON
1974/PHDC-12	S VANCHEESAN	DR M M TAQUI KHAN	PREPARATION OF RUTHENIUM COMPLEXES AND THEIR USE AS CATALYSTS IN THE HOMOGENEOUS HYDROGENATION OF ALKENES 1973
1974/PHDC-13	C S VENKATA CHALAM	DR M V C SASTRI	INHIBITION STUDIES OF ELECTRODE REACTIONS AT A DROPPING MERCURY ELECTRODE 1974
1975/PHDC-	M. SRINIVASA MOHAN	DR. M. M. TAQUI KHAN	METAL COMPLEXES OF FLAVINS ON CATALYSED ADENOSINE=5=TRIPHOSPHATE HYDROLYSIS
1975/PHDC-01	ACHYUTA PRASAD CHAUDHURI	DR S R RAMADAS	SYNTHETIC INVESTIGATIONS ON 7-OXA AND 6-OXAESTRONE DERIVATIVES 1974
1975/PHDC-02	V P CHACKO	DR P T MANOHARAN	ELECTRONIC STRUCTURAL INVESTIGATIONS ON PLANAR TRIAZINE I-OXIDE COMPLEXES OF COPPER (II) AND COBALT (II) 1974
1975/PHDC-03	K CHANDRASEKARA PILLAI	DR R NARAYAN	CORROSION INHIBITION AND ADSORPTION STUDIES OF THIOUREA AND DERIVATIVES 1975
1975/PHDC-04	M. CHANDRASEKHAR AN	DR G ARAVAMUDAN	NOBLE METAL COMPLEXES OF SULPHUR LIGANDS 1975
1975/PHDC-05	GIRIDHARAN A S	DR G ARAVAMUDAN	SOME ASPECTS OF CHEMISTRY OF THALLIUM 1974
1975/PHDC-06	JANG BAHADUR RAMPAL	DR M SRINIVASAN	SYNTHESES AND MASS-SPECTRAL INVESTIGATION OF SOME HETEROCYCLES 1974
1975/PHDC-07	V RAMACHANDRA RAO	DR V RAMAKRISHNAN	PHOTOCHEMICAL AND SPECTROSCOPIC STUDIES ON ANTHRACENE-AMINE EXIPEX SYSTEMS 1974
1975/PHDC-08	V P SENTHILNATHAN	DR SURJIT SINGH	SPECTROSCOPIC STUDIES ON WEAK INTERACTIONS IN SOLUTIONS 1974
1975/PHDC-09	A P SHAKUNTHALA	DR R NARAYAN	ELECTROCHEMICAL REDUCTION OF OXYGEN AT MERCURY, PLATINUM AND GOLD ELECTRODES IN THE PRESENCE OF SURFACE ACTIVE SUBSTANCES

1975/PHDC-10	V SRINIVAS RAO	DR C KALIDAS	SOLUTE-SOLVENT INTERACTIONS AND MEDIUM EFFECTS OF SINGLE IONS IN GLYCOLS AND THEIR ACUEOUS MIXTURES 1974
1975/PHDC-11	PATHANGI SAMPATH SRINIVASAN	DR S R RAMADAS	SYNTHETIC INVESTIGATIONS ON DITHIOESTERS AND A-NOR-3-THIAEQUILENIN 1975
1975/PHDC-13	P K SUJEETH	DR S R RAMADAS	SYNTHETIC INVESTIGATIONS ON 6-METHYL-B-NORESTRONE AND II-OXAEQUILENIUM, 1974
1975/PHDC-14	T. K. VARADARAJAN	DR M V C SASTRI	STUDIES ON THE FORMATION AND CATALYTIC PROPERTIES OF ZINC MOLYBDATE 1974
1975/PHDC-15	R P VISWANATH	DR M V C SASTRI	REDUCTION OF IRON OXIDE BY HYDROGEN 1974
1976/PHDC-01	CHHAYA JANAKIRAM	DR G ARAVAMUDAN	METAL COMPLEXES OF SOME OXYGEN NITROGEN AND SULPHUR LIGANDS 1976
1976/PHDC-01	M. J. ANDREWS	DR. C. N. PILLAI	CATALYTIC HYDROGEN TRANSFER REACTIONS OVER RANEY NICKEL 1977
1976/PHDC-02	S S JEWUR	DR J C KURIAKOSE	INVESTIGATION OF THE SURFACE INTERACTION OF ACETIC ACID WITH IRON OXIDE DURING CATALYTIC KETONISATION 1976
1976/PHDC-02	J. CHANDRASEKHAR	DR. S. SUBRAMANIAN	NDDO MO CALCULATION OF MOLECULAR ELECTRONICS STRUCTURE AND PROPERTIES
1976/PHDC-03	K. R. KRISHNAMURTHY	DR M V C SASTRI	STUDIES ON THE CATALYTIC OXIDATION OF CARBON MONOXIDE ON SPINEL TYPE FERRITES 1975
1976/PHDC-03	V S HARIHARA KRISHNAN	DR C N PILLAI	MECHANISTIC STUDIES OF HYDRIDE TRANSFER REACTIONS ON OXIDE CATALYSTS 1976
1976/PHDC-04	P LEELA PRASAD	DR SURJIT SINGH	BOND MOMENTS, THEIR DERIVATIVES AND POLAR TENSORS FROM INFRARED BAND INTENSITIES 1976
1976/PHDC-04	M KANAKAVEL	DR SURJIT SINGH	VIBRATIONAL ANALYSIS AND EVALUATION OF FORCE FIELDS OF POLYATOMIC MOLECULES 1976
1976/PHDC-05	PREM KISHORE MEHROTRA	DR. P. T. MANOHARAN	NDDO MO CALCULATION ON ELECTRONIC STRUCTURE OF MOLECULES
1976/PHDC-05	M PADMANABHAN	DR M R UDUPA	METAL COMPLEXES OF OXYGEN, NITROGEN AND SULPHUR CONTAINING HETROCYCLIES 1976
1976/PHDC-06	N RAMADASS	DR M V C SASTRY & DR G. ARAVAMUDAN	STUDIES ON SOLID STSTE CHEMISTRY OF SOME ABO3 TYPE OXIDES 1976

1976/PHDC-06	S SIDDHAN	DR K. NARAYANAN	THE DEHYDRATION OF ALCOHOLS- STEREOSPECIFICITY AND SELECTIVITY OVER ALUMINA AND THORIA CATALYSTS 1976
1976/PHDC-07	SHOBHA SARMA	DR J C KURIACOSE	BROMINATION BY PYRIDINIUM BROMIDE PERBROMIDE 1976
1976/PHDC-07	M SUBRAMANYAM	DR J C KURIACOSE	MILD OXIDATION OF PROPAN-2-OL ON OXIDATION CATALYSTS 1976
1976/PHDC-08	VAIDYANATAN S	DR V RAMAKRISHNAN	SOLVENT EFFECT ON THE PHOTOREACTION OF ANTHRACENE-AMINE SYSTEMS 1975
1976/PHDC-08	M VAIRAMANI	DR D V RAMANA	REARRANGEMENTS IN ORGANIC MOLECULES ON ELECTRON-IMPACT 1976
1976/PHDC-08	E P YESODHARAN	DR J C KURIACOSE	HEAT AND LIGHT INDUCED ACTIVATION OF SEMICONDUCTOR OXIDES 1977
1976/PHDC-09	B VENUGOPALAN	DR K K BALASUBRAMANIAN	STUDIES IN MOLECULAR REARRANGEMENTS 1975
1978/PHDC-02	J. R. MUDAKAVI	DR T V RAMAKRISHNA	EXTRACTION AND DETERMINATION OF TRACE AMOUNTS OF PLATINUM AND PALLADIUM 1977
1978/PHDC-03	R NAGARAJAN	DR K K BALASUBRAMANIAN	INVESTIGATIONS ON THE HYDRATION OF ACETYLENES 1977
1978/PHDC-04	G. NAGASUBRAMANI AN	DR M V C SASTRY	STUDIES ON THE CATALYTIC PROPERTIES OF ABO ₃ TYPE TITANATES 1977
1978/PHDC-05	C S NARASIMHAN	DR C S SWAMY	STUDIES ON THE CATALYTIC AND SOLID STATE PROPERTIES OF THE OXIDE SPINELS 1977
1978/PHDC-06	P. SAMBASIVA RAO	DR S. SUBRAMANIAN	SINGLE CRYSTAL EPR STUDIES OF SOME FIRST-ROW TRANSITION METAL IONS SUBSTITUTIONALLY INCORPORATED IN HEXAIMIDAZOLE ZINC(II) DICHLORODE TETRAHYDRATES 1977
1978/PHDC-07	N SELVARAJAN	DR V RAMAKRISHNAN	PHOTOREACTIONS OF SUBSTITUTED ANTHRACENES WITH AMINES AND ACYRLONITRILE 1977
1978/PHDC-08	V VEERAIYAN	DR M R UDUPA	COORDINATION COMPOUNDS OF AMINO ACIDS AND THEIR DERIVATIVES 1977
1978/PHDC-09	P N VENKATASUBRAM ANIAN	DR G ARAVAMUDAN	COMPLEXATION OF MERCAPTOCARBOXYLIC ACIDS WITH DIVALENT SELENIUM, TELLURIUM AND MERCURY 1977

1978/PHDC-10	S VIJAYA	DR P T MANOHARAN	CNDO AND INDO MO CALCULATIONS OF MOLECULAR ELECTRONIC STRUCTURE AND MOLECULAR PROPERTIES OF SOME FIRST ROW TRANSITION METAL COMPLEXES 1977
1979/PHDC-01	N. BALASUBRAMANI AN	DR T V RAMAKRISHNA	CHEMICAL ANALYSIS OF INORGANIC GASEOUS POLLUTANTS 1978
1979/PHDC-02	G CHITHAM BARATHANU PILLAI	DR J C KURIAKOSE	MECHANISTIC STUDIES ON THE OXIDATION OF BUTAN-2- ONE AND 4-METHYL PENTAN-2-ONE BY VANADIUM (V) IN DILUTE MINERAL ACIDS 1978
1979/PHDC-03	HEMA KASTURIRANGAN	DR J C KURIAKOSE & DR V RAMAKRISHNAN	PHOTOINDUCED CATALYTIC REACTIONS OF AROMATIC AMINES ON ZINC OXIDE 1979
1979/PHDC-04	JAYALAKSHMI RAMACHANDRAN	DR C N PILLAI	SYNTHETIC INVESTIGATIONS ON DITHIOESTERS AND RELATED COMPOUNDS 1979
1979/PHDC-05	G MURALIDHAR	DR V SRINIVASAN	STUDIES ON CATALYTIC DECOMPOSITION OF NITROUS OXIDE ON RARE EARTH-TRANSITION METAL OXIDE PEROVSKITES 1979
1979/PHDC-07	R PITCHAI	DR V SRINIVASAN	STUDIES ON OXIDATION OF CARBONMONOXIDE ON CHROMITE SPINELS 1979
1979/PHDC-08	M. V. RAJASEKHARAN	DR P T MANOHARAN	MOLECULAR AND ELECTRONIC STRUCTURE OF PLANAR TRIAZINE.1-OXIDE COMPLEXES 1979
1979/PHDC-09	R S SHREEDHARA MURTHY	DR T V RAMAKRISHNA	SEPARATION AND DETERMINATION OF TRACE AMOUNTS OF THORIUM AND URANIUM 1978
1979/PHDC-10	P SIVAPRASAD	DR C KALIDAS	ION SOLVENT INTERACTIONS IN ISODIELECTRIC BINARY MIXED SOLVENRS 1978
1979/PHDC-11	VALSAMMA JOHN KOSHY	DR C KALIDAS	POLOROGRAPHIC BEHAVIOUR OF SOME NITRODIPHENYLAMINES IN AMPHIPROTIC AND DIPOLOR APROTIC MEDIA 1978
1979/PHDC-12	N VENKATASUBRAM ANIAN	DR C N PILLAI	MECHANISTIC STUDIES OF REACTIONS OF ALCOHOLS ON PURE AND SODIUM ION DPOED ALUMINA CATALYSTS 1979
1979/PHDC-12	P N VENKATASUBRAM ANIAN	DR G ARAVAMUDAN	COMPLEXATION OF MERCAPTOCARBOXYLIC ACIDS WITH DIVALENT SELENIUM, TELLURIUM AND MERCURY 1977

1979/PHDC-13	K M VIJAYA KUMAR	DR C S SWAMY	STUDIES ON THE DECOMPOSITION OF NITROUS OXIDE ON RARE EARTH-TRANSITION METAL MIXED OXIDES WITH KNIF ₃ AND K ₂ NiF ₄ SRTUCTURE 1979
1979/PHDC-14	R VIJAYAKUMAR	DR T V RAMAKRISHNA & DR G ARAVAMUDAN	DETERMINATION OF TRACE AMOUNTS OF MERCURY SELENIUM AND TELLURIUM 1978
1979/PHDC-15	S. PADMANABHAN	DR. S. R. RAMADAS	SYNTHETIC INVESTIGATIONS ON A NOR-HETEROAROMATIC STEROIDS: TOTAL SYNTHESIS OF A-NOR-3-OXA-14-ISOEQUILENIN 1978
1980/PHDC-01	C. V. BHUVANA	DR M V C SASTRI	STUDIES ON CATALYTIC OXIDATION OF PROPYLENE ON TRANSITION METAL MOLYBDATES OF AMo ₀₄ COMPOSITION 1979
1980/PHDC-02	CHAKKA SUDHAKAR	DR V R SATHYANARAYANA RAO	STUDION THE INFLUENCE OF NEUTRON AND GAMMA RADIATIONS ON THE CATALYTIC PROPERTIES OF ZNO-REACTIONS OF SEC-ALCOHOLS ON ZNO SUSPENSIONS IN CCl ₄ 1980
1980/PHDC-03	N GANAPATHI SUBRAMANIAN	DR R RAMASWAMY	STUDIES ON OSCILLATORY CHEMICAL REACTIONS 1979
1980/PHDC-04	M HARAGOPAL	DR V MAHADEVAN	KINETICS OF REDOX POLYMERIZATION IN NONAQUEOUS MEDIA 1980
1980/PHDC-05	S JEGANATHAN	DR M SRINIVASAN	SYNTHESES ON THIOPHENE ISOSTERS OF PROTOBERBERINES AND APORPHINES 1980
1980/PHDC-06	A JAYAKRISHNAN	DR V MAHADEVAN	FREE RADICAL POLYMERIZATION INITIATED BY REDOX SYSTEMS 1980
1980/PHDC-07	T NAGESWARA RAO	DR G ARAVAMUDAN	MERCAPTOCARBOLIC ACID COMPLEXES OF DIVALENT SELENIUM TELLURIUM AND COPPER 1980
1980/PHDC-08	C NANJUNDIAH	DR R NARAYAN	INFLUENCE OF BROMIDE, IODIDE AND THIOUREA ADDITIONS ON THE REDUCTION OF METAL IONS FROM MOLTEN Ca(NO ₃) ₂ 4H ₂ O ON THE MERCURY ELECTRODE 1979
1980/PHDC-09	PRATHIMA KAMATH	DR M R UDUPA	COORDINATION COMPOUNDS OF LANTHANONES WITH AMINO ACIDS 1979
1980/PHDC-10	S RAJA DURAI	DR J C KURIAKOSE	STUDIES ON THE ACTIVITY OF MIXED OXIDE CATALYSTS OF Zn, Cr AND Fe FOR THE DECARBOXYLATION OF ACETIC ACID 1979
1980/PHDC-11	G K RAMACHANDRA	DR M R UDUPA	METAL COMPLEXES OF HYDROXY-AND MERCAPTO-CARBOXYLIC ACIDS AND RELATED LEGANDS 1980

1980/PHDC-12	M. S. SUBRAMANIAN	DR T V RAMAKRISHNA	SEPARATION AND DETERMINATION OF TRACE AMOUNTS OF ZIRCONIUM AND HAFNIUM 1980
1981/PHDC-01	A ANNAMALAI	DR SURJIT SINGH	FORCE FIELD STUDIES OF CARBONYL COMPOUNDS USING VIBRATIONAL FREQUENCIES AND CNDO/FORCE CALCULATIONS 1981
1981/PHDC-02	N K APPANDARAJAN	DR B. VISWANATHAN & DR. J GOPALAKRISHNAN	STUDIES ON SOME AB ₂ O ₄ AND ABO ₃ OXIDES 1980
1981/PHDC-03	ARUN M UMARJI	DR G V SUBBA RAO	SOLID STATE STUDIES ON TERNARY MOLYBDENUM CHALCOGENIDE SUPERCONDUCTORS (CHEVREL PHASES) 1980
1981/PHDC-04	G V BINDU MADHAVAN	DR K K BALASUBRAMANIAN	STUDIES IN MOLECULAR REARRANGEMENTS 1980
1981/PHDC-05	P CH CHENCHIAIAH	DR S R RAMADAS	INVESTIGATIONS ON THE TOTAL SYNTHESIS OF 12-THIAEQUILENIN METHYL ETHER AND 3-DEOXY-12-THIAEQUILENIN 1980
1981/PHDC-06	DINESH NETTAR	DR S SUBRAMANIAN	EPR STUDIES ON SOME INORGANIC RADICALS AND TRANSITION METAL IONS IN SINGLE CRYSTALS 1981
1981/PHDC-07	S KARUPPANNASAM Y	DR K NARAYAN	MECHANISTIC STUDIES OF REACTIONS OF PHENOLS AND ALCOHOLS OVER THORIA 1980
1981/PHDC-08	S LOUIS RAJ	DR V SRINIVASAN	STUDIES ON THE DECOMPOSITION OF NITROUS OXIDE ON RARE EARTH MANGANITES WITH PEROVSKITE STRUCTURE 1980
1981/PHDC-09	MANTHIRAM A	DR V. SRINIVASAN & DR. J GOPALAKRISHNAN	SOLID STATE STUDIES ON SOME MOLYBDENUM OXIDES 1980
1981/PHDC-10	A MAHAMMAD IBRAHIM	DR M SRINIVASAN & DR V MAHADEVAN	SYNTHETIC INVESTIGATIONS OF POLYMERS STABLE AT EXTREMES OF TEMPERATURE 1980
1981/PHDC-11	NIZAL SAMUEL CHANDRAKUMAR	DR S R RAMADAS	INVESTIGATION ON THE TOTAL SYNTHESIS OF A-NOR-3, 7-BISTHIAESTRA-1, 5(10), 8, 14TETRAENE-17
1981/PHDC-12	T PRASADA RAO	DR T V RAMAKRISHNA	CONCENTRATION, SEPARATION AND DETERMINATION OF TRACE AMOUNTS OF MOLYBDENUM, ZINC, CADMIUM AND LEAD 1980
1981/PHDC-13	T. PRIYAMVADA DEVI	DR C S VENKATACHALAM	ELECTROCHEMICAL INVESTIGATIONS ON 4(2'-THIENYL) QUINAZOLINE IN AMPHIPROTIC AND DIPOLARAPROTIC MEDIA 1978
1981/PHDC-14	S RAJAGOPAL	DR S VANCHEESAN	REACTIONS OF D-GLUCOSE AND D-FRUCTOSE CATALYSED BY RUTHENIUM (II) COMPLEXES 1980

1981/PHDC-15	G P RAJENDRAN	DR M SRINIVASAN & DR V MAHADEVAN	SYNTHESIS AND CHARACTERISATION OF HIGH AND LOW TEMPERATURE STABLE POLYMERS 1980
1981/PHDC-16	S SELVARAJ	DR K K BALASUBRAMANIAN	STUDIES IN O-PHENOLIC MANNICH BASES 1980
1981/PHDC-17	C N SETHULAKSHMI	DR P T MANOHARAN	SINGLE CRYSTAL EPR STUDIES AND ELECTRONIC STRUCTURAL INVESTIGATIONS OF SOME LOW SPIN DITERTIARY PHOSPHINE COMPLEXES OF Co(II) AND Ni(II) 1980
1981/PHDC-18	K. SOMASKANDAN	DR. J. RAJARAM	MECHANISTIC ASPECTS OF BROMINATION OF QUINOLINES
1981/PHDC-19	SUGUNA YESODHARAN	DR J C KURIAKOSE & DR V RAMAKRISHNAN	HETEROGENEOUS PHOTOCATALYTIC OXIDATION OF ALIPHATIC ALCOHOLS ON ZINC OXIDE 1980
1981/PHDC-20	N SUNDARAM	DR D V RAMANA	REARRANGEMENTS AND HYDROGEN MIGRATIONS IN ORGANIC MOLECULES ON ELECTRON-IMPACT 1980
1981/PHDC-21	T THANGARAJ	DR J RAJARAM & DR S VANCHEESAN	KINETICS AND MECHANISM OF HOMOGENEOUS CATALYTIC HYDROGENATION OF OLEFINIC BONDS BY BIS (ACETYLACETONATO) NICKEL (II) 1981
1982/PHDC-01	A ARUCHAMY	DR G V SUBBA RAO	STUDIES OF SOME ASPECTS OF SEMICONDUCTOR BASED PHOTOELECTROCHEMICAL CELLS FOR SOLAR ENERGY CONVERSION 1981
1982/PHDC-02	E. BALASIVASUBRAMANIAN	DR. P. T. MANOHARAN	HYPERFINE AND EXCHANGE INTERACTIONS FROM SINGLE CRYSTAL EPR STUDIES OF SOME TRANSITION METAL COMPLEXES 1981
1982/PHDC-03	DESARAJU VENKATA PANDU RANGA VARAPRASAD	DR V MAHADEVAN	VINYL POLYMERIZATION INITIATED BY REDOX SYSTEMS BASED ON METAL ION REDUCTANTS 1982
1982/PHDC-04	JAYA S	DR T V RAMAKRISHNA	SEPARATION AND DETERMINATION OF TRACE AMOUNTS OF OSMIUM AND RUTHENIUM 1981
1982/PHDC-05	R. MURUGESAN	DR. S. SUBRAMANIAN	EPR STUDIES ON SOME Cu(II) AND Mn(II) COMPLEXES: PROBE INTO THE STRUCTURE AND BONDING IN CRYSTALLINE ENVIRONMENTS 1981
1982/PHDC-06	S MUTHUKUMARU PILLAI	DR S VANCHEESAN & DR J RAJARAM	HOMOGENEOUS HYDROGEN TRANSFER FROM ALCOHOLS TO CYCLOHEXANONE CATALYSED BY RUTHENIUM (II) COMPLEXES 1981
1982/PHDC-07	K. S. NAGARAJA	DR M R UDUPA	STUDIES ON COORDINATION CHEMISTRY OF MOLYBDENUM 1982

1982/PHDC-08	P V PADMANABHAN	DR S R RAMADAS	INVESTIGATIONS CONCERNING THE SYNTHESIS AND MASS SPECTRAL STUDIES OF CONDENSED NITROGEN HETEROCYCLES DERIVED FROM INDAN-1,
1982/PHDC-09	S KASI VISWANADHAM	DR D V RAMANA	REARRANGEMENTS AND ORTHO EFFECTS IN ORGANIC MOLECULES ON ELECTRON IMPACT 1981
1982/PHDC-10	P R SRINIVASAN	DR M SRINIVASAN & DR V MAHADEVAN	SYNTHETIC INVESTIGATIONS ON HIGH TEMPERATURE RESISTANT POLYMERS 1981
1982/PHDC-11	M. A. SUBRAMANIAN	DR G V SUBBA RAO	STUDIES ON RARE TERNARY OXIDES WITH PYROCHLORE AND PEROVSKITE STRUCTURE 1981
1982/PHDC-12	M. VIJAYAKRISHNA	DR. S. R. RAMADAS	INVESTIGATION ON THE TOTAL SYNTHESIS OF 6-THIA AND 1,6-BISTHIA PENTACYCLIC STEROIDS 1982
1983/PHDC-01	E. DAYALAN	DR R NARAYAN	THE HYDROGEN EVOLUTION REACTION AT MERCURY AND AT INDIUM AMALGAM ELECTRODES IN THE PRESENCE OF THIOUREA AND SUBSTITUTED THIOUREAS IN ACID SOLUTIONS 1982
1983/PHDC-02	N. GUNASEKARAN	DR V SRINIVASAN	STUDIES ON THE CATALYTIC OXIDATION OF CARBON MONOXIDE ON RARE EARTH TRANSITION METAL MIXED OXIDES WITH K ₂ NiF ₄ STRUCTURE 1982
1983/PHDC-03	S, JANARDHANANA	DR. C. KALIDAS	SELECTIVE SOLVATION OF IONS IN WATER-DMSO AND METHANOL-DMSO MIXTURES 1983
1983/PHDC-04	J V N VARA PRASAD	DR C N PILLAI	STUDIES ON FRAGMENTATION AND ISOMERIZATION REACTIONS OF UNSATURATED ALCOHOLS 1983
1983/PHDC-05	RAMANUJACHARY Y K V	DR C S SWAMY	STUDIES ON SYNTHESIS CHARACTERIZATION AND CATALYTIC ACTIVITY OF RARE EARTH TRANSITION METAL MIXED OXIDES WITH PEROVSKITE RELATED STRUCTURES 1982
1983/PHDC-06	S PADMA	DR M SRINIVASAN & DR V MAHADEVAN	SYNTHETIC STUDIES ON HEAT RESISTANT POLYMERS 1982
1983/PHDC-07	K RADHA	DR G ARAVAMUDAN	SYNTHESIS STRUCTURE AND REACTIVITY PATTERNS OF SOME DITHIOCARBAMATE COMPLEXES 1982
1983/PHDC-08	B. E. RAMACHANDRAN	DR. G. V. SUBBA RAO & DR. G. ARAVAMUDAN	CHEMICAL DURABILITY STUDIES OF E-GLASS AND THE EFFECT OF ION REMOVAL ON ITS PROPERTIES
1983/PHDC-09	B L RAMAKRISHNA	DR P T MANOHARAN	EXCHANGE INTERACTIONS IN TRANSITION METAL COMPLEXES AND IN SOME ION-RADICAL SALTS 1982
1983/PHDC-10	Mrs. S VASANTHAKUMAR	DR S VANCHEESAN	HOMOGENEOUS HYDROGENATION OF UNSATURATED CARBOXYLIC ACIDS CATALYSED BY BIS(DIMETHYLGLYOXIMATE) COBALT(II) 1982

1983/PHDC-11	S SRIMAN NARAYANAN	DR V R SATHYANARAYANA RAO	ISOTOPIC CHLORINE EXCHANGE BETWEEN CHLORAMINE-T AND CHLORIDE ION AND ANALYSIS OF GASEOUS AIR POLLUTANTS USING
1983/PHDC-12	T SUBRAHMANYAM	DR G ARAVAMUDAN	COMPLEXES OF THIOBENZOIC ACID AND THIOSALICYCLIC ACID 1982
1984/PHDC-01	J APPA RAO	DR S R RAMADAS	STUDIES IN HETEROSTEROIDS: TOTAL SYNTHESIS OF B-NOR-6, 12-BISTHIAESTRA-1, 3, 5(10), 8, 14- PENTAEN-17-ONE AND RELATED COMPOUNDS 1983
1984/PHDC-02	K BALASUBRAMANI AN	DR J C KURIAKOSE	ACTIVITY AND SELECTIVITY OF ZINC CHROMIUM FERRITE FOR THE DEHYDROGENATION OF 2- PROPANOL 1984
1984/PHDC-03	M JAYAMANI	DR C N PILLAI	REACTIONS ON ALUMINA 1983
1984/PHDC-04	KANALA LAKSHMI NARASIMHA PHANI	DR R NARAYAN	ELECTROCHEMICAL STUDIES IN MOLTEN ACETAMIDE 1984
1984/PHDC-05	A MEENAKSHISUND ARAM	DR V SRINIVASAN	STUDIES ON THE CATALYTIC OXIDATION OF CARBON MONOXIDE AND DECOMPOSITION OF NITROUS OXIDE ON TRANSITION METAL MANGANITE SPINELS
1984/PHDC-06	S MURALIDHARAN	DR M R UDUPA	METAL COMPLEXES OF NITROGEN CONTAINING HETEROCYCLIES 1984
1984/PHDC-07	S RAMAKANTH	DR K K BALASUBRAMANIAN & DR K NARAYANAN	STUDIES IN MOLECULAR REARRANGEMENTS 1984
1984/PHDC-08	S RAMANATHAN	DR R RAMASWAMY	OSCILLATORY REACTIONS CHEMICAL AND ELECTROCHEMICAL ASPECTS 1983
1984/PHDC-10	K RAVINDRANA THANTHAMPI	DR J C KURIAKOSE & DR V RAMAKRISHNAN	PHOTOINDUCED CATALYTIC REACTIONS OF ORGANIC SUBSTANCES ON POLYCRYSTALLINE ZINC OXIDE ELECTRODES AND POWDERS 1983
1984/PHDC-11	S SOWRIRAJAN	DR G ARAVAMUDAN	STUDIES IN THE COORDINATION CHEMISTRY OF SELENIUM AND TELLURIUM 1983
1984/PHDC-12	K SUNDARARAJAN	DR J C KURIAKOSE & DR V RAMAKRISHNAN	PHOTOREDUCTION OF NITROBENZENE BY ALIPHATIC AMINES 1983
1984/PHDC-13	T VARAHALA REDDY	DR V RAMAKRISHNAN & J C KURIAKOSE	PHOTOELECTROCHEMICAL AND HETEROGENOUS PHOTOCATALYTIC REACTIONS OF ORGANIC SUBSTRATES ON POLYCRYSTALLINE WO ₃ .1983

1984/PHDC-14	THOMAS P GEORGE	DR M R UDUPA	THERMOANALYTICAL STUDIES ON PERCHLORATES AND CHLORATES 1984
1984/PHDC-15	V VENKATESWARA SASTRY	DR C KALIDAS	ION-SOLVENT INTERACTIONS IN WATER PROPYLENE GLYCOL MIXTURES 1983
1984/PHDC-16	R VETRIVEL	DR B VISWANATHAN	STUDIES ON STRUCTURE AND REACTIVITY OF CATALYST SURFACES 1983
1984/PHDC-17	D. RAMESH	DR. M. SRINIVASAN	STUDIES ON HETEROCYCLIC COMPOUNDS
1985/PHDC-01	M. D. ALIAS	DR V SRINIVASAN	STUDIES ON THE CATALYTIC ACTIVITY AND PROPERTIES OF NICKEL MOLYBDENA HYDRODESULFURISATION CATALYSTS 1984
1985/PHDC-02	S ANANTHAN	DR C N PILLAI	REACTIONS ON OXIDE CATALYSTS 1984
1985/PHDC-03	S BALASUBRAHMAN YAM	DR B VISWANATHAN & DR V R SATHYA NARAYANA RAO	STUDIES ON THE INFLUENCE OF GAMMA RADIATION ON THE CATALYTIC PROPERTIES OF La_2CuO_4 FOR THE DECOMPOSITION OF HYDROGEN PEROXIDE
1985/PHDC-04	C RAVIMOHAN	DR M S GOPINATHAN	QUANTUM CHEMICAL STUDIES ON THE BONDING NATURE AND VALENCY OF MOLECULAR ORBITALS
1985/PHDC-05	S CHOKKALINGAM	DR T K VARADARAJAN	STUDIES ON OXIDATION CATALYSTS UNDER REACTION CONDITIONS 1984
1985/PHDC-06	T P ELANGO	DR V RAMAKRISHNAN & DR S VANCHEESAN	REACTIONS OF THE CARBONATE RADICAL WITH AMINES AND SOME TRANSITION METAL COMPLEXES OF NITROGEN CONTAINING LIGANDS 1984
1985/PHDC-07	G V R CHANDRAMOULI	DR P T MANOHARAN	POLORIZED OPTICAL SPECTROSCOPY OF SOME TRANSITION IRONS IN DIFFERENT LIGAND MATRICES
1985/PHDC-08	R. GOPALAKRISHNA N	DR B VISWANATHAN	PHYSICO-CHEMICAL STUDIES ON FISHER-TROPSCH COBALT CATALYSTS 1985
1985/PHDC-09	T R GOPINATHAN KARTHA	DR D V RAMANA	SKELETAL REARRANGEMENTS AND ORTHO EFFECTS IN ORGANIC MOLECULES ON ELECTRON-IMPACT
1985/PHDC-10	JAYALAKSHMI GOPAL	DR. M. SRINIVASAN	DEVELOPMENT OF NEW SYNTHETIC POLYMERS
1985/PHDC-11	S KUMARESAN	DR S R RAMADAS	STUDIES IN ORGANOSULPHUR CHEMISTRY: INVESTIGATIONS CONCERNING THE TOTAL SYNTHESES OF POLYTHIA ANALOGUES OF PENTACYCLIC STERIODS 1984
1985/PHDC-12	P KUPPUSAMY	DR P T MANOHARAN	EXCHANGE INTERACTIONS IN SOME LOW DIMENSIONAL METAL DITHIOLENE COMPLEXES 1984

1985/PHDC-13	RADHA R	DR C S SWAMY	STUDIES ON THE CATALYTIC DECOMPOSITION OF ISOPROPANAL OVER RARE EARTH TRANSITION METAL OXIDE PEROVSKITES 1983
1985/PHDC-14	V SELVARAJ	DR M S GOPINATHAN	A RELATIVISTIC LOCAL DENSITY REMETHOD FOR ATOMS AND ITS APPLICATIONS TO ESCA AND AUGER PROCESSES 1984
1985/PHDC-15	R SRINIVAS	DR D V RAMANA	ORTHO EFFECTS AND INTRAMOLECULAR SUBSTITUTIONS IN ORGANIC MOLECULES ON
1985/PHDC-16	S SUBRAMANIAN	DR C KALIDAS	PREFERENTIAL SOLVATION OF IONS IN BINARY SOLVENT MIXTURES OF ACETONITRILE WITH WATER, METHANOL AND ETHANOL 1985
1985/PHDC-17	N. KAMESWARI	DR C S SWAMY	STUDIES ON DECOMPOSITION OF NITROUS OXIDE ON MIXED OXIDES WITH PEROVSKITE RELATED STRUCTURES 86
1986/PHDC-01	S ARAVAMUTHAN	DR C S VENKATACHALAM	ELECTROCHEMICAL BEHAVIOUR OF SOME NITRO SUBSTITUTED BENZIDINES 1985
1986/PHDC-02	V V GIRIDHAR	DR C KALIDAS	SELECTIVE SOLVATION OF SOME SILVER(I) AND COPPER(I) SALTS IN PROTICDIPOLAR APROTIC SOLVENT MIXTURES 1986
1986/PHDC-03	K JOTHIMONY	DR S VANCHEESAN	APPLICATION OF IRON CARBONYLS TO ORGANIC SYNTHESIS BY PHASE TRANSFER CATALYSIS 1986
1986/PHDC-04	K P SHERIF	DR R NARAYAN	ELECTROCHEMICAL BEHAVIOUR OF ALUMINIUM IN AQUEOUS CHLORIDE SOLUTIONS 1985
1986/PHDC-05	T NATARAJAN BABU	DR S R RAMADAS	STUDIES IN ORGANOSULPHUR CHEMISTRY
1986/PHDC-06	K J SCARIAH	DR M SRINIVASAN	HIGH TEMPERATURE RESISTANT POLYMERS SYNTHESSES AND PROPERTIES 1985
1986/PHDC-07	K. SRINIVASAN	DR. T. V. RAMAKRISHNA & DR. N. BALASUBRAMANIAN	EVALUATION OF RICE HUSK CARBON FOR THE REMOVAL OF TRACE INORGANICS FROM WATER 1990
1986/PHDC-08	K SUNITHA	DR K K BALASUBRAMANIAN	STUDIES ON 1) THERMAL AND CHARGE INDUCED TRANSFORMATIONS OF (ARYLOXY) METHYLACRYLIC ACIDS AND THEIR DERIVATIONS 2) CLAISEN REARRANGEMENT OF METHYL γ -(ARYLOXY) CROTONATES 1986
1986/PHDC-09	SUSAN GEORGE	DR B VISWANATHAN	CATALYTIC OXIDATION OF CARBON MONOXIDE ON RARE EARTH ORTHOCOBALTITES 1985

1986/PHDC-10	K S SWAMINATHAN	DR K K BALASUBRAMANIAN	INVESTIGATIONS ON THE THERMAL AND PHOTOCHEMICAL CYCLIZATION OF SOME AZAHEXATRIENES: SYNTHESIS OF FUSED QUINOLINES 1985
1986/PHDC-11	N VAIDEHI	DR M S GOPINATHAN & DR C N PILLAI	A LOCAL DENSITY POTENTIAL FOR ATOMS INCLUDING FERMI AND COULOMB CORRELATIONS
1987/PHDC-01	T ASHOK REDDY	DR M SRINIVASAN	HEAT RESISTANT POLYMERS CONTAINING DOUBLE- STRAND HETEROCYCLIC UNITS 1986
1987/PHDC-02	M BALASUBRAMANI AN	DR S R RAMADAS	STUDIES IN ORGANOSULFUR CHEMISTRY: INVESTIGATIONS ON THE TOTAL SYNTHESIS OF POLYHETERO-POLYCYCLIC COMPOUNDS 1987
1987/PHDC-03	T R BALASUBRAMANI AN	DR V MAHADEVAN	INVESTIGATION ON ELECTRO AND REDOX INITIALED POLYMERISATION OF ACRYLIC MONOMERS 1986
1987/PHDC-04	R BRAKASPATHY	DR SURJIT SINGH	FORCE FIELD CALCULATIONS ON SOME POLAR MOLECULES AND THEIR COMPLEXES INVOLVING SELF-ASSOCIATION AND ION-MOLECULE
1987/PHDC-05	DARBHA SRINIVAS	DR S SUBRAMANIAN	STRUCTURAL INVESTIGATIONS IN INORGANIC SOLIDS BY MAGNETIC RESONANCE 1986
1987/PHDC-06	V GOPALAKRISHNA N	DR C N PILLAI	STUDIES ON REACTIONS OF γ -LACTONES AND PREPARATION AND USE OF DIOL AND TRIOL-AMIDES IN POLYURETHANE BASED FORMATIONS 1986
1987/PHDC-07	J JANAKI	DR G V SUBBA RAO	SOLID STATE STUDIES ON TERNARY SUPERCONDUCTING COMPOUNDS 1985
1987/PHDC-08	L SREERAMACHAN DRA PRASAD	DR S SUBRAMANIAN	SINGLE CRYSTAL EPR INVESTIGATIONS ON SOME TRANSITION METAL COMPLEXES AND INORGANIC RADICALS: THE IMPORTANCE OF DIRECTION COSINES 1986
1987/PHDC-09	M INDU SEKHARA SASTRY	DR SURJIT SINGH	RAMAN SPECTROSCOPIC STUDIES ON MOLECULAR INTERACTIONS IN SOLUTIONS 1986
1987/PHDC-10	S MOHAN	DR R RAMASWAMY	A NOVEL PARAMETER IN CHEMICAL OSCILLATORS
1987/PHDC-11	NIRMAL CHANDER V	DR N BALASUBRAMANIAN	SPECTROSCOPIC DETERMINATION OF ASCORBIC- ACID THIAMINE AND PYRIDOXINE 1986
1987/PHDC-12	S PREMA	DR M SRINIVASAN	STUDIES ON POLYMERS CONTAINING HETEROCYCLIC UNITS 1986

1987/PHDC-13	RAMALINGAM K	DR G ARAVAMUDAN	SYNTHESIS REACTIVITY AND STRUCTURE OF SOME NI (II) COMPLEXES 1986
1987/PHDC-14	K VIJAYASRI	DR J RAJARAM	RuCl ₃ AND RuCl ₂ (PPH ₃) ₃ CATALYSED OXIDATION OF SECONDARY ALCOHOLS WITH N-METHYLMORPHOLINE N-OXIDE AND
1987/PHDC-15	N VASANTHY	DR K LALITHA	ON THE BIOCHEMICAL INTERACTIONS OF SELENIUM WITH SPECIAL REFERENCE TO GLUTATHIONE METABOLISM 1986
1988/PHDC-01	R BAKTHA VATCHALAM	DR S R RAMADAS	PART I: SYNTHESIS OF 1-THIA-2, 3-DIAZA-A-NOR-14-ISOESTRONE AND ITS DERIVATIVES; PART II - STUDIES IN BRIDGED POLYCYCLIC SYSTEMS 1987
1988/PHDC-02	N GEETHA	DR V MAHADEVAN & DR M SRINIVASAN	POLYMER SUPPORTED Rh(I) SPECIES AS HYDROGENATION CATALYSTS
1988/PHDC-03	M KRISHNARATNAM	DR R RAMASWAMY	UNCATALYSED AND CATALYSED BROMATE OSCILLATORS AND THEIR PERTURBATION BY GAMMA IRRADIATION 1988
1988/PHDC-04	D MURALI MOHAN RAO	DR C KALIDAS	THERMODYNAMIC AND ELECTROCHEMICAL ASPECTS OF ION SOLVATION IN WATER-DIMETHYLFORMAMIDE AND GLYCEROL-
1988/PHDC-05	M PARANTHAMAN	DR G V SUBBA RAO & DR G ARAVAMUDAN	PHOTOELECTROCHEMICAL STUDIES ON MIXED OXIDE AND CHALCOGENIDE SYSTEMS 1987
1988/PHDC-06	PRABHA SIDDARTH	DR M S GOPINATHAN	STRUCTURAL APPLICATIONS OF VALENCY - A QUANTUM CHEMICAL STUDY 1988
1988/PHDC-07	R. SAIGANESH	DR C S VENKATACHALAM & DR K K BALASUBRAMANIAN	ELECTROCHEMICAL AND CHEMICAL INVESTIGATIONS ON B-CHOLROVINYLALDEHYDES AND THEIR IMINES 1987
1988/PHDC-08	P SELVAM	DR V SRINIVASAN & DR B VISWANATHAN	PHYSICO-CHEMICAL AND SURFACE STUDIES ON SOME HYDROGEN STORAGE MATERIALS. 1987
1988/PHDC-09	R SHANTHI	DR M R UDUPA	INTERACTION OF METAL IONS WITH PHYSIOLOGICALLY IMPORTANT LIGANDS 1987
1988/PHDC-10	SUCHITA D NAYAK	DR V MAHADEVAN	POLYMER SUPPORTED PALLADIUM (II) SPECIES AS A HYDROGENATION CATALYST 1985
1988/PHDC-11	J THANUJA	DR M SRINIVASAN	SYNTHESES AND THERMAL PROPERTIES OF SOME HETEROATOM-CONTAINING POLYMERS 1987
1988/PHDC-12	USHA PRASAD	DR K K BALASUBRAMANIAN	THERMAL REARRANGEMENT OF ARYL PROPARGYL ETHERS 1985

1988/PHDC-13	N VENKATALAKSHMI	DR P T MANOHARAN	STRUCTURAL AND MAGNETIC STUDIES OF SOME NOVEL METAL DITHIOLENE COMPLEXES 1987
1988/PHDC-14	VEPA KAMESHWARA RAO	DR C KALIDAS & DR C. S. VENKATACHALAM	ELECTROCHEMICAL BEHAVIOUR SOME COUPLED PRODUCTS OF DEAZOTISED AROMATIC ANIMES WITH MELDRUM'S ACID IN AMPHIPROTIC AND APROTIC MEDIA 1987
1989/PHDC-01	ALICE SEBASTIAN	DR S R RAMADAS	STUDIES IN ORGANOSULPHUR CHEMISTRY: NEW APPROACHES TOWARDS THE TOTAL SYNTHESIS OF THIASTERIODS AND RELATED COMPOUNDS 1988
1989/PHDC-02	ANIL JACOB ELIAS	DR M N SUDHEENDRA RAO	STUDIES ON THE REACTIONS OF CYCLOTETRATHIAZENE, S ₄ N ₄ WITH TERTIARY
1989/PHDC-03	G ARIAMALA	DR K K BALASUBRAMANIAN	SYNTHESIS OF 4-HALO-2H-1-BENZOPYRANS, 2, 3-DIHYDRO-4H-1-BENZOPYRAN-4-ONES, PTEROCARPANS AND PHOTOCHEMICAL STUDIES ON 2H-1-BENZOPYRANS 1988
1989/PHDC-04	G CAROLING	DR J RAJARAM	OXIDATION OF ORGANIC SUBSTRATES BY N-METHYLOMORPHOLINE N-OXIDE USING RUTHENIUM COMPLEXES AS CATALYSTS 1988
1989/PHDC-05	S. P. CHIDAMBARAM	DR G ARAVAMUDAN	SYNTHESIS, REACTIVITY AND CRYSTAL STRUCTURE ANALYSIS OF SELENIUM (II) AND TELLURIUM (II AND IV) COMPLEXES 1988
1989/PHDC-06	T DEVANATHAN	DR T K K SRINIVASAN	SPECTROSCOPIC AND STRUCTURAL INVESTIGATIONS ON SOME HYDRATED BROMATES AND COMPLEX CYANIDES 1988
1989/PHDC-07	K GANESAN	DR C N PILLAI	ORGANIC TRANSFORMATIONS ON OXIDE CATALYSTS
1989/PHDC-08	M GEORGE	DR D V RAMANA & DR. N. SUNDARAM	OXYGEN TRANSFERS FROM ORTHO NITRO GROUP TO SULFUR AND DOUBLE BONDS IN AROMATIC SUBSTRATES ON ELECTRON IMPACT 1989
1989/PHDC-09	KANAKARAJ, P.	DR. MEGHA SINGH	EFFECTS OF HYPERCHOLESTEROLEMIA ON STRUCTURE AND FUNCTIONING OF ERYTHROCYTES,
1989/PHDC-10	KANNAN R	DR S R RAJAGOPALAN & DR T V RAMAKRISHNA	INVESTIGATIONS ON THE USE OF ENHANCEMENT REACTIONS FOR IMPROVING THE SENSITIVITY OF POLAROGRAPHIC METHODS OF TRACE ANALYSIS
1989/PHDC-11	S LALITHA	DR P T MANOHARAN	SOLID STATE INTERACTIONS IN METAL DITHIOLENES

1989/PHDC-12	R MANI	DR V MAHADEVAN & DR M SRINIVASAN	INVESTIGATIONS ON HYDROGENATION REACTIONS CATALYSED BY POLYMER BOUND PALLADIUM SPECIES 1988
1989/PHDC-13	NIMMALA SREEHARI	DR P T MANOHARAN	MAGNETO-STRUCTURAL CORRELATIONS IN SOME EXCHANGE COUPLED TRANSITION METAL DIALKYL DITHIOCARBAMATO DIMERS 1988
1989/PHDC-14	NIYOGI VENKATA SATYA RAMAKRISHNA	DR D V RAMANA	SKELETAL REARRANGEMENTS AND ORTHO INTERACTIONS IN PHENYLACETYLENES AND AZATHIOBENZANILIDES ON ELECTRON IMPACT 1989
1989/PHDC-15	T RAJAMANNAR	DR K K BALASUBRAMANIAN	A NEW APPROACH TO THE SYNTHESIS OF TRICYCLIC CARBOCYCLES AND 6-OXA-11-KETO STEROIDAL SYSTEMS 1988
1989/PHDC-16	R SARASWATHI	DR R NARAYAN	ELECTROCHEMICAL REDUCTION OF BENZOPHENONES AND NITROBENZENES AT THE MERCURY AND GLASSY CARBON ELECTRODES FROM MOLTEN ACETAMIDE AT 85 C 1988
1989/PHDC-17	K. SHANTHI	DR C N PILLAI & DR J C KURIACOSE	STUDY OF FACTORS AFFECTING THE HYDRODENITROGENATION ACTIVITY OF NICKEL-MOLYBDENA CATALYSTS 1989
1989/PHDC-18	M. P. SRIDHAR KUMAR	DR V SRINIVASAN	PHYSICO-CHEMICAL AND CATALYTIC PROPERTIES OF SOME HYDROGEN STORAGE INTERMETALLICS,
1989/PHDC-19	P SUBRAMANIAN	DR V RAMAKRISHNAN & DR J RAJARAM	A FLASH PHOTOLYSIS STUDY OF THE REACTION OF PHOSPHATE RADICAL WITH AMINES 1988
1989/PHDC-20	C J THOMAS	DR M N SUDHEENDRA RAO	STUDIES ON THE REACTIONS OF S ₄ N ₄ WITH UNSYMMETRICAL PHOSPHINES, PH ₂ P(R) AND BIPHOSPHINES, PH ₂ P (X) PPH ₂ 1989
1989/PHDC-21	VASANTHI LAKSHMANAN	DR M R UDUPA	STUDIES ON COORDINATION CHEMISTRY OF MOLYBDENUM AND TUNGSTEN 1988
1989/PHDC-22	K VENKATA RAMANA	DR SURJIT SINGH	RAMAN SPECTROSCOPIC STUDIES ON ION-MOLECULAR INTERACTIONS IN SOME DIPOLAR APROTIC SOLVENTS 1989
1989/PHDC-23	R. VIJAYANTHIMALA	DR M R UDUPA	COORDINATION OF PALLADIUM (II) WITH PURINES AND PYRIMIDINES 1988
1990/PHDC-01	K AUDISESHA REDDY	DR M SRINIVASAN	SYNTHETIC INVESTIGATION ON HEAT RESISTANT HETEROAROMATIC POLYMERS 1989

1990/PHDC-02	I BERNARD RUFUS	DR V RAMAKRISHNAN & DR B VISWANATHAN	PHOTOELECTROCHEMICAL, PHOTOCATALYTIC AND SURFACE STUDIES ON METALLIZED CADMIUM CHALCOGENIDES 1989
1990/PHDC-03	G BHAVANI	DR K K BALASUBRAMANIAN	CLAISEN REARRANGEMENT IN AMINO-1, 3, 5- TRIAZINES 1988
1990/PHDC-04	B CHANDRASEKHAR	DR S R RAMADAS	SYNTHESES AND REACTIONS OF NEW TYPES OF FUSED-RING HETEROCYCLES CONTRAINING OXYGEN, NITROGEN AND SULPHUR ATOMS 1989
1990/PHDC-05	GEETHA RAMAKRISHNAN	DR S SUBRAMANIAN	EPR AND SINGLE CRYSTAL STRUCTURAL INVESTIGATIONS ON SOME TRANSITION METAL COMPLEXES 1989
1990/PHDC-06	JAINAMMA MATHEW	DR V MAHADEVAN & DR G. SUNDARARAJAN	A STUDY OF THE POLYMERIZATION AND COPOLYMERS OF 2-HYDROXYETHYL
1990/PHDC-07	R JAYAKUMAR	DR P T MANOHARAN	CONFORMATIONAL STUDIES OF ACYCLIC PEPTIDES BY NMR AND SINGLE CRYSTAL X RAY DIFFRACTION TECHNIQUES 1989
1990/PHDC-08	K KRISHNAN NAMBOOTHIRI	DR T V RAMAKRISHNA	SEPARATION AND DETERMINATION OF TRACE AMOUNTS OF THALLIUM AND LEAD 1989
1990/PHDC-09	V KUMAR	DR G ARAVAMUDAN	SOME STUDIES ON THE CHEMISTRY OF SELENIUM AND TELLURIUM 1990
1990/PHDC-10	T KAKSHMI	B VISWANATHAN	EXPERIMENTAL AND THEORETICAL STUDIES ON THE SURFACE PROPERTIES OF CATALYSTS IN SMSI STATE 1990
1990/PHDC-11	M V SATYANARAYANA MURTHY	DR T S CHANDRA	STUDIES ON FERMENTATION OF MAJOR HEMICELLULOSIC COMPONENTS, XYLAN AND XYLOSE BY ANAEROBIC BACTERIA 1989
1990/PHDC-12	T MOHAN	DR M N SUDHEENDRA RAO	STUDIES ON THE REACTIONS OF CYCLOTHIAZENES WITH UNSYMMETRICAL PHOSPHINES AND PHOSPHINIMINES 1990
1990/PHDC-13	S NATARAJAN	DR G V SUBBARAO	SUPERCONDUCTIVITY STUDIES ON TERNARY SYSTEMS OF COMPOUNDS 1989
1990/PHDC-14	M. J. OMANA	DR T K VARADARAJAN	PHYSICO-CHEMICAL AND CATALYTIC PROPERTIES OF 12 TUNGSTOPHORIC ACID AND ITS SALTS 1989
1990/PHDC-15	S PADMAJA	DR V RAMAKRISHNAN & DR J RAJARAM	GENERATION, CHARACTERIZATION AND REACTIONS OF THE BORATE RADICAL A NEW TRANSIENT

1990/PHDC-16	V R PARAMESWARAN	DR S VANCHEESAN	STUDIES ON POLYMER-ANCHORED AND WATER SOLUBLE COMPLEXES OF RHODIUM (I) AS HYDROGENERATION CATALYSTS 1990
1990/PHDC-17	R. S. PREM CHANDRAN	DR B VISWANATHAN	CHARACTERIZATION OF STRONG METAL SUPPORT INTERACTION IN RARE EARTH OXIDE SUPPORTED NICKEL CATALYSTS 1989
1990/PHDC-18	G RAJENDRAN	DR C KALIDAS	PREFERENTIAL SOLVATION OF SOME SILVER(I) AND COPPER(II) SALTS IN BINARY SOLVENT MIXTURES
1990/PHDC-19	B RAMESH BABU	DR S R RAMADAS	STUDIES ON THE SYNTHESIS OF POLYHETERO POLYCYCLIC RING SYSTEMS 1989
1990/PHDC-20	A. SELVANATHAN	DR B. VISWANATHAN	PHYSICO-CHEMICAL STUDIES ON METHANOL SYNTHESIS CATALYSTS
1990/PHDC-21	S SOUNDER	DR (MRS) T S CHANDRA	STUDIES ON CELLULOSE BIO-DEGRADATION 1989
1990/PHDC-22	B SRINIVAS	DR V R SATHYANARAYANA RAO	STUDIES ON THE EFFECT OF GAMMA RADIATION ON THE PHYSICO-CHEMICAL PROPERTIES OF PEROVSKITE TYPE CATALYSTS AND ITS ROLE IN
1990/PHDC-23	M SUBHASHINI	DR V R S RAO & DR M S SUBRAMANIAN	ISOTOPIC EXCHANGE BETWEEN CHLORAMINE-B AND RADIOACTIVE CHLORIDE ION AND APPLICATION OF RADIOCHLORAMINE-B FOR DRUG ANALYSIS 1989
1990/PHDC-24	R SUNDARAJAN	DR V SRINIVASAN	STUDIES ON THE PHYSICO-CHEMICAL AND CATALYTIC PROPERTIES OF SOME TRANSITION METAL OXIDE SPINELS 1990
1990/PHDC-25	K A THOMAS	DR G V SUBBA RAO & DR U V VARADARAJU	SOLID STATE STUDIES ON HIGH TC SUPERCONDUCTORS AND PHASES WITH NZP
1990/PHDC-26	D VASUDEVAN	DR C KALIDAS & DR C S VENKATACHALAM	ELECTROCHEMICAL REDUCTION OF SOME NAPHTHYLHYDRAZONES IN AMPHIPROTIC AND APROTIC MEDIA 1989
1990/PHDC-27	N VASUMATHI	DR S R RAMADAS	STUDIES IN ORGANOSULPHUR CHEMISTRY: INVESTIGATIONS CONCERNING THE REACTIVITY OF BETA-MERCAPTOPROPIONIC ACID TOWARDS CARBONYL COMPOUNDS 1990
1990/PHDC-28	G VELAYUTHAM	DR R NARAYAN & DR O V KRISHNAIAH CHETTY	ELECTROCHEMICAL DISSOLUTION OF NICKEL IN CONCENTRATED ELECTROLYTE SOLUTIONS 1989
1990/PHDC-29	G. V. VISALAKSHI	DR S SUBRAMANIAN	COHERENCE TRANSFER IN HIGH RESOLUTION NUCLEAR MAGNETIC RESONANCE 1990
1991/PHDC-01	A ARULANANTHAM	DR T V RAMAKRISHNA & DR N BALASUBRAMANIAN	EVALUATION OF COCONUTSHELL CARBON FOR THE REMOVAL OF TRACE INORGANICS FROM WATER

1991/PHDC-02	J CHRISTOPHER	DR C S SWAMY	STUDIES ON THE PHYSICO-CHEMICAL AND CATALYTIC PROPERTIES OF MIXED METAL OXIDES
1991/PHDC-03	I IBNU SAUD	DR N SUNDARAM	INVESTIGATIONS ON THE DIELS-ALDER REACTIONS OF 1, 3-BUTADIENES 1991
1991/PHDC-04	JOICE P MATHEW	DR M SRINIVASAN	SILICA SUPPORTED POLYMER-PALLADIUM COMPLEXES AS HYDROGENATION CATALYSTS 1991
1991/PHDC-05	MARY V D	DR R P VISWANATH	PHOTOCATALYTIC AND PHYSICO-CHEMICAL STUDIES ON METALLISED TITANIA SYSTEMS 1991
1991/PHDC-06	R NIRMALA	DR S SUBRAMANIAN	AB INITIO CALCULATION OF MAGNETIC PROPERTIES
1991/PHDC-07	S PARTHASARATHY	DR V MAHADEVAN & DR K M KAMATH	SYNTHESIS OF WHOLLY AROMATIC AZOPOLYMERS AND THEIR ELECTRICAL PROPERTIES 1989
1991/PHDC-08	N S RAMAN	DR T K VARADARAJAN	PHYSICO-CHEMICAL AND CATALYTIC PROPERTIES OF 123 OXIDES AND RELATED SYSTEMS 1991
1991/PHDC-09	RICHARD H K DUNCAN	DR G S DAVIES	THEORETICAL INVESTIGATIONS ON N-NITROSO CARCINOGENESIS 1991
1991/PHDC-10	S SAMPATH	DR R NARAYAN	ELECTROCHEMICAL AND PHOTOELECTROCHEMICAL STUDIES IN MOLTEN AMIDES 1990
1991/PHDC-11	S SANKARAPANDI	DR P T MANOHARAN	DYNAMICS OF SOME MODEL AND BIOLOGICAL SYSTEMS: A SPIN LABEL APPROACH 1990
1991/PHDC-12	R SANKARA SUBRAMANIAN	DR K K BALASUBRAMANIAN	CLAISEN REARRANGEMENT-A NOVEL SYNTHESIS OF FLAV-3-ENES, FLAVANONES, SPIROCHROMENES AND INVESTIGATIONS ON THE MITSUNOBU REACTION IN BICYCLIC SYSTEMS 1990
1991/PHDC-13	S. V. SANTHANA MARIAPPAN	DR S SUBRAMANIAN	NMR RELAXATION AND NUCLEAR OVERHAUSER EFFECT: THEORY AND APPLICATIONS TO BIOLOGICAL AND CHEMICAL SYSTEMS 1990
1991/PHDC-14	K SHANTHI	DR K LALITHA	METHANOGENESIS AND METABOLIC CONCEPTS: BIOMETHANATION OF LEVCAENA LEUCOCEPHALA- A POTENTIAL PRIMARY BIOMASS SUBSTRATE AND ISOLATION, CHARACTERISTICS AND METABOLIC FEATURES OF A NOVEL METHANOGENIC ISOLATE KL 1991
1991/PHDC-15	J SHEILA ANNIE	DR P T MANOHARAN	SPIN FLIP TRANSITIONS IN METAL DITHIOLENES 1990
1991/PHDC-16	SHIVAGLAL MUNDACHALI CHERUVALATH	DR SURJIT SINGH	EFFECT OF MOLECULAR INTERACTIONS AND COOPERATIVITY ON STRETCHING FORCE CONSTANTS OF METHANOL, WATER FORMAMIDE

1991/PHDC-17	K SUBA	DR M R UDUPA	STUDIES ON SOLID STATE REACTIONS OF HALOGEN OXYSALTS WITH TRANSITION METAL OXIDES 1991
1991/PHDC-18	Y V SURYA NARAYANA MURTHY	DR C N PILLAI	STUDIES ON CYCLOPENTANOIDS 1991
1991/PHDC-19	S VENKATACHALAM	DR P T MANOHARAN	ELECTRICALLY CONDUCTING PHTHALOCYANINE POLYMERS 1990
1992/PHDC-01	R. BALACHANDRAN PILLAI	DR. C. N. PILLAI	ALKYLATION AND REDUCTIVE ALKYLATION OF AMINES OVER HETEROGENEOUS CATALYSTS 1992
1992/PHDC-02	B S M KUMAR	DR N BALASUBRAMANIAN	METHODS FOR THE DETERMINATION OF SULPHUR DIOXIDE, HYDROGEN SULPHIDE AND NITROGEN DIOXIDE IN THE ATMOSPHERE 1992
1992/PHDC-03	P MAHALAKSHMI	DR D V RAMANA	PROXIMITY EFFECTS ORTHO INTERACTIONS AND REARRANGEMENTS IN AROMATIC SUBSTRATES UNDER ELECTRON IMPACT CONDITIONS 1992
1992/PHDC-04	I A P S MURTHY	DR C S SWAMY	PHYSICO-CHEMICAL AND CATALYTIC STUDIES ON SOME SPINELS AND SYSTEMS DERIVED FROM SPINELS AND INTERMETALLICS 1991
1992/PHDC-05	K PALANIVELU	DR T V RAMAKRISHNA	CONCENTRATION SEPARATION AND DETERMINATION OF TRACE AMOUNTS OF ARSENIC
1992/PHDC-06	M VIJAYAKUMAR	DR M S GOPINATHAN	A RELATIVISTIC AND CORRELATED LOCAL DENSITY METHOD FOR ATOMS AND MOLECULES 1990
1993/PHDC-01	K. ABRAHAM JOSEPH	DR M SRINIVASAN	SYNTHESIS AND CHARACTERIZATION OF HEAT RESISTANT POLYMERS CONTAINING FLEXIBLE SPACER GROUPS 1992
1993/PHDC-02	J. ANJANIKUMARI	DR T PANDA	STUDIES ON PROTOPLAST GENERATION AND REVERSION TO CELLS OF TRICHODERMA REESEI AND SACCHAROMYCES CEREVISIAE VISIAL AND THEIR PROTOPLAST FUSION FOR DIRECT CONVERSION OF CELLULOSE TO ETHANOL 1992
1993/PHDC-03	T CHANDIRAN	DR S VANCHEESAN	SELECTIVE HYDROGENATION OF CONJUGATED DIENES CATALYSED BY CHROMIUM CARBONYLS AND REACTIONS OF Mo(CO) ₆ UNDER BIPHASE
1993/PHDC-04	GOPINATH C S	DR S SUBRAMANIAN	PHOTOELECTRON SPECTROSCOPIC STUDIES OF HIGH TEMPERATE T _c CUPRATE SUPER

1993/PHDC-05	P V LALITHA	DR R RAMASWAMY	STUDIES ON THE IODATE AND BROMATE OSCILLATORY SYSTEMS IN AQUEOUS-ORGANIC
1993/PHDC-06	R RAGHUNATH	DR S R SIVARAJA IYER & DR C KALIDAS	PHYSICO-CHEMICAL ASPECTS OF DYEING CELLULOSE AND MODIFIED CELLULOSE 1992
1993/PHDC-07	R. SREEKUMAR	DR C N PILLAI	STUDIES OF REACTIONS CATALYSED BY ZEOLITES
1993/PHDC-08	T K SREE KUMAR	DR C KALIDAS	PREFERENTIAL SOLVATION OF SOME COPPER (II) AND SILVER (I) SALTS IN BINARY SOLVENT MIXTURES CONTAINING DIMETHYL SULPHOXIDE 1992
1993/PHDC-09	T SUMATHI	DR K K BALASUBRAMANIAN	SYNTHESIS AND PHOTOCHEMICAL STUDIES ON ETHERS OF O-HYDROXYBENZOPHENONES AND SYNTHESIS OF SPIROBENZOFURANS 1992
1993/PHDC-10	D VENKATESAN	DR M SRINIVASAN	SYNTHESIS AND PROPERTIES OF POLYIMIDE DERIVATIVES 1992
1994/PHDC-01	C BOOMA	DR K K BALASUBRAMANIAN	CHEMISTRY OF 2-C-FORMYLGLYCALS. SYNTHESIS OF A NEW FERRIER SYSTEM AND A NOVEL ENTRY TO 2-C-METHYLENE GLYCOSIDES, BENZOPYRANO PYRANOSIDES AND 3-C-ARYLHEXOSES 1993
1994/PHDC-02	S DHANALEKSHMI	DR C S VENKATACHALAM	ANODIC OXIDATION OF ARYL PROPARGYL, ARYL ALLYL AND ARYL ALLENYLMETHYL ETHERS- INVESTIGATIONS ON CATION RADICAL INDUCED CLAISEN REARRANGEMENT 1993
1994/PHDC-03	KANWAL NAIN SABHARWAL	DR M SRINIVASAN & DR C S SWAMY	SYNTHESIS, CHARACTERISATION AND EVALUATION OF BIFUNCTIONAL PHOSPHINIC ACID RESINS FOR ACTINIDE RECOVERY 1994
1994/PHDC-04	LIZAMMA MATHEW	DR S SANKARARAMAN & DR V RAMAKRISHNAN (RETD.)	STUDIES ON PHOTOLYSIS OF SODIUM ALUMINATE AND PHOTOCHEMISTRY OF SOME CHARGE-TRANSFER COMPLEXES OF TETRANITROMETHANE AND DDQ AS ACCEPTORS 1994
1994/PHDC-05	T A MARY	DR U V VARADARAJU	SOLID STATE AND SUPERCONDUCTIVITY STUDIES ON PEROVSKITE-RELATED OXIDES 1993
1994/PHDC-06	P PADMAJA	DR T V RAMAKRISHNA	CONCENTRATION, SEPARATION AND DETERMINATION OF TRACE AMOUNTS OF MERCURY
1994/PHDC-07	PRAVAT KUMAR MANDAL	DR P T MANOHARAN	EXCHANGE INTERACTIONS IN SOME BIMETALLIC SYSTEMS: EXPERIMENTAL AND THEORETICAL APPROACH 1994

1994/PHDC-08	K C SANTHOSH	DR K K BALASUBRAMANIAN	STUDIES ON BENZOPYRAN COMPOUNDS: SYNTHETIC AND MECHANISITIC INVESTIGATIONS ON ISOFLAVANOIDS, 3-ALKYL CHROMANONES AND
1994/PHDC-09	M S SUDHA	DR D V RAMANA	MOLECULAR REARRANGEMENTS AND CYCLISATIONS IN AROMATIC SUBSTRATES UNDER ELECTRON IMPACT CONDITION 1994
1994/PHDC-10	VARUGHESE MATHEW	DR R NARAYAN	ELECTROCHEMICAL REDUCTION OF SULPHUR DIOXIDE FROM MOLTEN AMIDES-METALLIC AND SEMICONDUCTOR ELECTRODES 1994
1995/PHDC-	P MADHUSUDHAN RAO	DR R P VISWANATH	METAL SUPPORT INTERACTION IN Fe/TiO ₂ AND Pt/TiO ₂ SYSTEMS - CHARACTERIZATION AND CONSEQUENCES 1995
1995/PHDC-	N RAJESH	DR M S SUBRAMANIAN	RADIOMETRIC DETERMINATION OF INDIUM, THALIUM, BORON AND SEPARATION OF INDIUM AND THALLIUM
1995/PHDC-	K T RAJNIT	DR B VISWANATHAN & DR T K VARADARAJAN	PHOTOCATALYTIC REDUCTION OF DINITROGEN, NITRITE AND NITRATE IONS 1995
1995/PHDC-01	ALEX C PULIKOTTIL	DR B VISWANATHAN	PHYSICO-CHEMICAL AND CATALYTIC PROPERTIES OF PHOSPHORUS MODIFIED ZSM-5 1995
1995/PHDC-02	T BALASUBRAMANI AN	DR K K BALASUBRAMANIAN	MOLECULAR REARRANGEMENTS AND RADICAL CYCLISATION OF ARYL ALLENYLMETHYL ETHERS AND AMINES 1994
1995/PHDC-03	K V GOVINDAN KUTTY	DR U V VARADARAJU	STUDIES ON THE SOLID STATE PROPERTIES OF SOME TERNARY OXIDES, PHOSPHATES AND NITRIDES OF SIGNIFICANCE TO NUCLEAR
1995/PHDC-04	R GOWRI	DR V MAHADEVAN	STUDIES ON KINETICS OF REDOX AND RADICAL POLYMERUZATION OF VINYL MONOMERS IN THE FREE STATE AND COMPLEXED WITH TRANSITION METAL IONS 1994
1995/PHDC-05	S. KANNAN	DR C S SWAMY	SYNTHESIS, PHYSIOCHEMICAL CHARACTERIZATION AND CATALYTIC PROPERTIES OF HYDROTALCITE-LIKE COMPOUNDS 1994
1995/PHDC-06	R KRISHNAKUMAR	DR G ARAVAMUDAN & DR M R UDUPA	SYNTHESIS, REACTIVITY AND STRUCTURAL STUDIES OF MIXED HALIDE-DITHIOCARBAMATE COMPLEXES OF TELLURIUM (II) AND (IV) 1995
1995/PHDC-07	A PARTHIBAN	DR N SUNDARAM	SYNTHETIC INVESTIGATIONS ON HEAT RESISTANT POLYIMIDES 1993

1995/PHDC-08	PRINCE C KORAH	DR B VISWANATHAN	A STUDY OF THE HETEROGENEOUS NATURE OF ACIDITY AND ACID STRENGTH DISTRIBUTION OF H-Y ZEOLITE UNDER REACTION CONDITIONS 1994
1995/PHDC-09	N G RAMESH	DR K K BALASUBRAMANIAN	CHEMISTRY ON UNSATURATED HEXOPYRANOSSES 1993
1995/PHDC-10	REGINA XAVIER	DR V MAHADEVAN	STUDIES ON CATALYTIC HYDROGENATIONS USING POLYMER SUPPORTED TRANSITION METAL SPECIES
1995/PHDC-11	P C SELVARAJ	DR V MAHADEVAN	STUDIES ON POLYMER SUPPORTED TRANSITION METAL SPECIES AS CATALYSTS FOR HYDROGENATIONS, OXIDATION OF 2,6-XYLENOL AND THE DECOMPOSITION OF H ₂ O ₂ , 1994
1995/PHDC-12	R SRIDHARAN	DR U V VARADARAJU	BEHAVIOUR AND MEASUREMENT OF OXYGEN AND HYDROGEN IN SODIUM: STUDIES ON THE NA-FE-O SYSTEM AND THE DEVELOPMENT OF AN ELECTROCHEMICAL HYDROGEN METER 1994
1995/PHDC-13	S SUBRAMANIAN	DR C S SWAMY	STUDIES ON THE PHYSICO CHEMICAL AND CATALYTIC PROPERTIES OF OXIDE SUPERCONDUCTORS AND RELATED MATERIALS 1994
1995/PHDC-14	R VALARIVAN	DR C S SWAMY & DR C N PILLAI	CATALYTIC ACTIVITY OF SYSTEMS DERIVED FROM HYDROGEN STORAGE INTERMETALLIC COMPOUNDS
1996/PHDC-	V GEETHA SARASWATHY	DR S SANKARARAMAN	STUDIES ON SOME SYNTHETIC TRANSFORMATIONS IN LITHIUM PERCHLORATE-DIETHYL ETHER MEDIUM
1996/PHDC-	L GOMATHI	DR S SUBRAMANIAN	PROBE IN TO THE THREE DIMENSIONAL SOLUTION STRUCTURE OF SOME PEPTIDES USING HIGH RESOLUTION 2D NMR AND RELATED TECHNIQUES
1996/PHDC-	KUMARASWAMY EASWARI	DR K LALITHA	METABOLIC SIGNIFICANCE OF SELENIUM IN GERMINATING VIGNA RADIATA AND OXYGEN DEPENDENT CELLULAR PROCESSES 1996
1996/PHDC-	K MUTHUKUMARAN	DR T V RAMAKRISHNA & DR N BALASUBRAMANIAN	STUDIES ON CEMICALLY ACTIVATED CARBON FOR THE REMOVAL OF TRACE INORGANICS FROM WATER
1996/PHDC-	P RANI	DR K LALITHA	RELEVANCE OF SELENIUM IN MITOCHONDRIAL FUNCTIONS, GLUTATHIONE AND HDROPEROXIDE METABOLISM IN THE INSECT CORCYRA CEPHALONICA 1996
1996/PHDC-	K R SWAMINATHAN	DR K LALITHA	THE CONCEPT OF INTERACTIVE METABOLIC CONTROL OPERATIVE DURING BIOMETHANATION OF SOLID TANNERY WASTE AND METHANOL 1996

1996/PHDC-	K. J. TONY	DR V MAHADEVAN AND DR C S SWAMY	KINETICS AND MECHANISM OF OXIDATION OF SECONDARY ALCOHOLS CATALYSED BY RUTHENIUM COMPLEXES 1996
1996/PHDC-	T A VIJAYARAJ	DR G SUNDARARAJAN	METATHETICAL POLYMERIZATION OF PHENYLACETYLENES BY GROUP VIB (ARENE) M(CO) ₃ COMPLEXES 1996
1996/PHDC-	P MOHANDAS	DR SURJIT SINGH	AB INITIO MOLECULAR ORBITAL STUDIES ON ION-MOLECULE AND ION PAIR-MOLECULE COMPLEXES OF AMMONIA, FORMAMIDE AND WATER 1996
1996/PHDC-	D RAMKUMAR	DR S SANKARARAMAN	PHOTOCHEMICAL AND ELECTROCHEMICAL INVESTIGATION ON SOME ELECTRON DONOR-ACCEPTOR SYSTEMS: PHOTOOXIDATION AND PHOTO-MICHAEL REACTIONS 1996
1996/PHDC-	C M VARGHESE	DR K LALITHA	METABOLIC EFFECTS OF MIMOSINE DURING METHANOGENESIS 1996
1996/PHDC-01	ANTONY V VARGHESE	DR C KALIDAS	ION-SOLVENT INTERACTIONS OF SOME GROUP-IB AND IIB METAL SALTS IN PROTIC+ DIPOLAR APROTIC SOLVENT MIXTURES 1995
1996/PHDC-02	V BADRI	DR U V VARADARAJU	PHASE STABILIZATION AND INVESTIGATION OF SUPERCONDUCTIVITY IN LAYERED COPPER OXIDES AND CHALCOGENIDE-CARBIDES 1995
1996/PHDC-03	N BHUVANESWARI	DR C S VENKATACHALAM & DR K K BALASUBRAMANIAN	ELECTROREDUCTION OF BROMO COMPOUNDS IN ORGANIC SYNTHESIS 1994
1996/PHDC-04	N PALANI	DR K K BALASUBRAMANIAN	A NOVAL APPROACH TOWARDS STEREOCONTROLLED SYNTHESIS OF CIS-ANTI-CIS FUSED TRIQUINANES AND SIGMATROPIC REARRANGEMENT STUDIES IN BRIDGED BICYCLIC
1996/PHDC-05	C SEETHARAMAN	DR S SUBRAMANIAN	MULTIPLE QUANTUM RELAXATION: DISTINCTION OF DIFFERENT DIPOLAR NETWORKS BY DOUBLE QUANTUM RELAXATION FILTERING 1995
1996/PHDC-06	K. SHANTHI	DR N BALASUBRAMANIAN	METHODS FOR THE SAMPLING AND ANALYSIS OF NITROGEN DIOXIDES HYDROGEN SULPHIDE AND SULPHUR DIOXIDE 1995

1996/PHDC-07	ANURADHA BHATTACHARYYA	DR P T MANOHARAN (RETD.) & DR S SUBRAMANIAN	THEORETICAL STUDIES OF ELECTRONIC STRUCTURES, PHOTOCHEMICAL REACTION MECHANISMS AND NMR SPIN-SPIN COUPLINGS OF SOME CYCLIC COMPOUNDS 1996
1996/PHDC-08	G V RAMA RAO	DR U V VARADARAJU	SOL-GEL SYNTHESIS, CHARACTERISATION AND PROCESSING OF OXIDE SUPERCONDUCTORS 1996
1996/PHDC-09	S RAJASHREE	DR G ARAVAMUDAN (RETD.) & DR M R UDUPA	SYNTHESIS, STRUCTURE AND REACTIVITY PATTERNS OF SELENIUM AND TELLURIUM
1996/PHDC-10	K. SELVAKUMAR	DR S VANCHESAN	SYNTHESIS AND CHARACTERIZATION OF CYCLOPALLADATED COMPLEXES 1996
1997/PHDC-	M SUGANTHA	DR U V VARADARAJU	PHYSICO-CHEMICAL STUDIES ON ORTHOPHOSPHATES WITH NZP STRUCTURE 1996
1997/PHDC-	B GITA	DR G SUNDARARAJAN	METATHESIS POLYMERISATION WITH PHOTOGENERATED CATALYSTS 1996
1997/PHDC-	B R LAKSHMI	DR T S CHANDRA	PROTOPLAST SYSTEM AND INTERGENERIC FUSION IN TRICHODERMA REESEL EREMOTHECIUM ASHBYH AND PENCILLIUM CHRYSOGENUM 1996
1997/PHDC-	M. PANDURANGAPPA	DR N BALASUBRAMANIAN	DEVELOPMENT OF METHODS FOR THE SAMPLING AND ANALYSIS OF NITROGEN DIOXIDE, SULPHUR DIOXIDE AND HYDROGEN SULPHIDE AT TRACE
1997/PHDC-	S. VELU	DR C S SWAMY	ALKYLATION OF PHENOLS WITH ALCOHOLS OVER CATALYSTS DERIVED FROM HYDROTALCITE-LIKE ANIONIC CLAYS 1997
1997/PHDC-	ATHILAKSHMI	DR B VISWANATHAN	OXIDATIVE ORGANIC TRANSFORMATIONS CATALYSED BY SIMPLE AND SUBSTITUTED KEGGIN TYPE POLYOXOMETALLATES 1997
1997/PHDC-	T. KANTHIMATHI	DR S SUBRAMANIAN	DEVELOPMENT OF A NEW ROSEY STRATEGY AND THE STUDY OF SOME BIOMOLECULES BY HIGH RESOLUTION 2D NMR SPECTROSCOPY 1997
1997/PHDC-	K. PADMAKUMAR	DR P. T. MANOHARAN (RETD.)	RELAXATION IN MOSSBAUER SPECTROSCOPY AND ELECTRONIC STRUCTURE OF SOME OF THE Fe(II) AND Fe(III) SYSTEMS 1997
1997/PHDC-	V. JAYALAKSHMI	DR R RAMASWAMY	STUDIES IN OSCILLATORY SYSTEMS INVOLVING HOMOGENEOUS AND INTERFACIAL REACTIONS 1997
1997/PHDC-	M. P. ANTONY	DR U V VARADARAJU	THERMOCHEMICAL STUDIES RELATING TO FUEL-CLAD CHEMICAL INTERACTION IN FAT REACTOR

1997/PHDC-	S. NALINI	DR T V RAMAKRISHNA	SEPARATION AND DETERMINATION OF ANTIMONY, TIN AND GERMANIUM 1997
1997/PHDC-	K. JOHNSON	DR T K VARADARAJAN	CATALYTIC PROPERTIES OF HETEROPOLYTUNGSTATES FOR ALKYLATION
1997/PHDC-	V. MAHESWARI	DR N BALASUBRAMANIAN	ANALYTICAL METHODS FOR THE DETERMINATION OF COPPER, COBALT AND CHROMIUM AT TRACE LEVEL
1997/PHDC-	K. MURALI MANOJ	DR T SWAMINATHAN	LIPASES AND THEIR REACTIONS IN IMMOBILIZED AND REVERSE (D) MICELLAR SYSTEMS 1997
1997/PHDC-	A. RAMESH	DR M. S. SUBRAMANIAN & DR T V RAMAKRISHNA	EXTRACTIVE SEPARATION AND DETERMINATION OF TRACE AMOUNTS OF SELENIUM AND TELLURIUM
1997/PHDC-	P. SENTHIVEL	DR M N SUDHEENDRA RAO	TRIPHENYL PHOSPHINIMINES AND THEIR DERIVATIVES IN THE CHEMISTRY OF CYCLOTHIAZENES - SYNTHESIS, CHARACTERIZATION
1997/PHDC-	J. SUJATHA	DR A. K. MISHRA	DEVELOPMENT OF NEW FLUORESCENT PROBES FOR LIPOSOMES 1997
1998/PHDC-	K CHANDRARAJ	DR T S CHANDRA	STUDIES ON XYLANASE FROM ASPERGILLUS FISCHERI FXNL 1997
1998/PHDC-	R ILAVARASI	DR M R UDUPA & DR M N SUDHEENDRA RAO	STUDIES ON COMPLEXES OF COPPER(II), PLATINUM (II), PALLADIUM (II), RHODIUM (II) AND RHODIUM (III) WITH NUCLEIC ACID CONSTITUENTS 1998
1998/PHDC-	JANARTHANAN GOPALAKRISHNA N	DR M N SUDHEENDRA RAO	STUDIES ON TRICOORDINATE PHOSPHOROUS (III)-NITROGEN SYSTEMS - SYNTHESIS, STRUCTURE AND REACTIVITY 1998
1998/PHDC-	K V G KRISHNA MURTHY	DR T K K SRINIVASAN	VIBRATIONAL SPECTROSCOPIC AND PHASE TRANSITION STUDIES OF SOME GRANDIDIUM COMPOUNDS AND LIQUID CRYSTALS 1998
1998/PHDC-	R. MALATHI	DR R P VISWANATH	A STUDY ON THE STRONG METAL SUPPORT INTERACTION: CHARACTERISATION AND ITS ROLE IN SELECTIVE HYDROGENATION REACTIONS 1998
1998/PHDC-	P. MANIKANDAN	DR P T MANOHARAN (RETD.)	COPPER AND IRON COMPLEXES OF BIS(PYRAZOLYL) PYRIDINE BASED TRIDENTATE LIGANDS: STRUCTURE, DYNAMICS AND SPECTROSCOPY 1998
1998/PHDC-	R MUTHUKUMARAN	DR P T MANOHARAN (RETD.)	MAGNETO-STRUCTURAL CORRELATIONS OF EXCHANGE COUPLED SYSTEMS WITH VARYING MAGNETIC DIMENSIONALITY 1997

1998/PHDC-	RAVENDRAN P	DR T K K SRINIVASAN	SPECTROSCOPIC STUDIES OF STRUCTURAL AND CONFORMATIONAL TRANSITIONS IN SOME INORGANIC AND ORGANIC SOLIDS 1998
1998/PHDC-	V. A. SANJEEV KUMAR	DR SURJIT SINGH	VIBRATIONAL SPECTROSCOPIC STUDIES ON SOLVENT-SOLVENT INTERACTIONS AND ION-SOLVENT INTERACTIONS IN SOME NON-AQUEOUS BINARY SOLVENT MIXTURES 1997
1998/PHDC-	D SANDHYA	DR M S SUBRAMANIAN	EXTRACTIVE SEPARATION AND DETERMINATION OF TRACE AMOUNTS OF MERCURY, CADMIUM AND ZINC
1998/PHDC-	V. SRIDEVI	DR R RAMASWAMY	TEMPORAL AND SPATIAL DYNAMICS OF NONLINEAR CHEMICAL SYSTEMS: BROMATE DRIVEN OSCILLATORS 1998
1998/PHDC-	R SUDHA	DR S SANKARARAMAN	LITHIUM PERCHLORATE MEDIATED SYNTHETIC TRANSFORMATIONS IN DIETHYL ETHER AND NITROMETHANE 1998
1998/PHDC-	SUJATHA VENKATARAMAN	DR S SUBRAMANIAN	EPR AND CRYSTAL STRUCTURE STUDIES OF SOME METALLOMIMETICS: WEAK EXCHANGE INTERACTIONS 1998
1998/PHDC-	R. SUMATHI	DR T K VARADARAJAN	CATALYTIC PROPERTIES OF AB_2O_3 (A = Ba, Sr, B = Pb, Ce, Ti, Bi = Bi, Sb, Cu) TYPE PEROVSKITE OXIDES FOR PARTIAL OXIDATION OF ALCOHOLS, 1997
1998/PHDC-	U SWARNALATHA	DR M N SUDHEENDRA RAO & DR M R UDUPA	SOLID STATE PYROLYSIS, CHEMICAL AND ELECTROCHEMICAL BEHAVIOUR OF PHOSPHINIMINOCYCLOTRITHIAZENES 1997
1998/PHDC-	TAPAN KUMAR KUNDU	DR P T MANOHARAN (RETD.)	STUDIES OF SOME CAGE COMPLEXES OF CU (II) AND Ag(II) BY ELECTRON PARAMAGNETIC RESONANCE AND OPTICAL SPECTROSCOPY: DYNAMIC AND STATIC JAHN-TELLER DISTORTIONS 1997
1998/PHDC-	USHA ANTONY	DR T S CHANDRA	NUTRITIONAL AND MICROBIAL DRILE OF FERMENTED FINGER MILLET (ELEUSINE CORACANA) AND FOXTAIL MILLET (SETARIA ITALICA) 1997
1998/PHDC-	T K VARADARAJAN	DR T V RAMAKRISHNA & DR C KALIDAS	INVESTIGATIONS ON ION-SOLVATION OF SOME SILVER (I) COPPER (II) SALTS AND HYDROGEN HALIDES IN THE BINARY MIXTURES OF N-METHYL-2-PYRROLIDINONE AND WATER OR METHANOL 1997

1998/PHDC-	M VELAYUTHAM	DR S SUBRAMANIAN	EPR INVESTIGATIONS OF EXCHANGE AND DIPOLAR INTERACTIONS IN SOME TRANSITION METAL COMPLEXES 1997
1998/PHDC-01	K. SRIVIDYA	DR N BALASUBRAMANIAN	SPECTROPHOTOMETRIC DETERMINATION OF ASCORBIC ACID THIAMINE AND PYRIDOXINE 1997
1999/PHDC-	A ASOKAN	DR P T MANOHARAN (RETD.)	SYNTHESIS, STRUCTURAL, MAGNETIC AND H-NMR STUDIES ON SOME EXCHANGE COUPLED SYSTEMS
1999/PHDC-	BASAB CHAKRABORTY	DR B VISWANATHAN	SYNTHESIS, CHARACTERISATION AND CATALYTIC PROPERTIES OF MESOPOROUS ZEOLITIC MATERIALS 1998
1999/PHDC-	BINDHU VARUGHESE	DR T PRADEEP	INVESTIGATIONS OF THE CHEMICAL TRANSFORMATIONS OF SELF ASSEMBLED MONOLAYERS AND THE SURFACE STRUCTURES OF DYNAMICS OF CERTAIN BIMOLECULAR
1999/PHDC-	CHITHRA HARIHARAN	DR A K MISHRA	PHOTOPHYSICAL PROCESSES: A FLUORESCENCE SPECTROSCOPIC STUDY 2000
1999/PHDC-	R B GOVINDAN	DR M S GOPINATHAN	A CHAOTIC TIME SERIES ANALYSIS OF HUMAN CARDIAC, HUMAN BRAIN AND ELECTRICALLY COUPLED CHEMICAL SYSTEMS 1999
1999/PHDC-	JOY V T	DR T K K SRINIVASAN	SURFACE-ENHANCED ROMAN SPECTROSCOPIC INVESTIGATIONS ON THE ADSORPTION BEHAVIOUR OF SOME SULFUR CONTAINING MOLECULES ON THE SILVER SURFACE 1998
1999/PHDC-	M KALPANA	DR S SANKARARAMAN	THERMAL AND PHOTOINDUCED ELECTRON TRANSFER MEDIATED CYCLIZATION OF 1,2-DIETHYNYLBENZENES 1998
1999/PHDC-	A. S. KANMANI	DR S VANCHEESAN	HOMOGENEOUS OXIDATION CATALYSED BY RUTHENIUM COMPLEXES 1998
1999/PHDC-	G. V. M. KIRUTHIKA	DR U V VARADARAJU	SOLID STATE STUDIES ON CERTAIN TERNARY OXIDES AND SILICIDES 1999
1999/PHDC-	G. MANICKAM	DR G. SUNDARARAJAN	ASYMMETRIC INDUCTION IN ORGANIC REACTIONS BY METAL ALKOXIDES CONTAINING NEW C2 SYMMETRIC LIGANDS 1998
1999/PHDC-	MP MEYYAPPAN	DR C S VENKATACHALAM & DR K K BALASUBRAMANIAN	SYNTHETIC AND ELECTROCHEMICAL STUDIES ON SOME HEXOPYRANOSE DERIVATIONS 1998

1999/PHDC-	K N MARIMUTHU	DR U V VARADARAJU	SOLID STATE STUDIES ON OXY-ANION SUPERCONDUCTORS AND MIXED PXXIDES 1999
1999/PHDC-	K NARAYANAN	DR M S GOPINATHAN	STUDIES IN NONLINEAR TIME SERIES ANALYSIS A: UNSTABLE PERIODIC ORBITS OF HUMAN CARDIAC SYSTEMB: CHAOS IN COUPLED CHEMICAL OSCILLATORS 1999
1999/PHDC-	K PUSHPALATHA	DR M V SANKARANARAYANAN	TWO-DIMENSIONAL CONDENSATION OF ORGANIC ABSORBATES AT ELECTROCHEMICAL INTERFACES: A THEORETICAL STUDY 1998
1999/PHDC-	RENUGADEVI G	DR S SANKARARAMAN	STUDIES ON THE PHOTOPHYSICS OF BICHROMOPHORIC ACCEPTORS AND CHARGE TRANSFER COMPLEXES OF BIFUNCTIONAL DONORS
1999/PHDC-	T. R. SANTOSH	DR K LALITHA & DR K K BALASUBRAMANIAN	MIMOSINE MEDIATED METABOLIC MODULATIONS IN MITIGATING OXIDATIVE STRESS 1999
1999/PHDC-	R. SARADHA	DR M V SANGARANARAYANAN	SOLVENT STRUCTURE AT ELECTROCHEMICAL INTERFACES: A COMBINED STUDY USING STATISTICAL MECHANICS AND DENSITY FUNCTIONAL
1999/PHDC-	C. SRINIVASAN	DR B VISWANATHAN	CATALYTIC PROPERTIES OF SOME PEROVSKITE OXIDES FOR TYPICAL OXIDATION REACTIONS 1998
1999/PHDC-	G SRIPRIYA	DR T S CHANDRA	NUTRITIONAL AND ANTIOXIDANT PROPERTY OF FINGER MILLET (ELEUSINE CORACANA) 1998
1999/PHDC-	M. UMA MAHESWARI	DR T. S. CHANDRA	STUDIES ON XYLANASE FROM STREPTOMYCES CUSPIDOSPOROUS 1997
1999/PHDC-	V. VASUDEVAN	DR G SUNDARARAJAN	SYNTHESIS OF A-B-A TRIBLOCK COPOLYMERS AND APPLICATION AS MODIFIERS IN COMPOSITE PROPELLANTS 1998
1999/PHDC-	B. VENKATESH	DR P T MANOHARAN (RETD.)	SPECTROSCOPIC STUDIES ON NORMAL RECONSTITUTED AND HYBRID HEMOGLOBINS 1998
2000/PHDC-01	R S ACHYUTHLAL BABU	DR B VISWANATHAN & DR S SRINIVASA MURTHY	PHYSICO-CHEMICAL AND ELECTROCHEMICAL STUDIES ON HYDROGEN STORAGE INTERMETALLICS
2000/PHDC-02	BEENA GEORGE	DR R DHAMODHARAN	PHOTOPOLYMERISATION STUDIES USING NOVEL BENZOPHENONES 2000
2000/PHDC-03	G BUVANESWARI	DR U V VARADARAJU	SYNTHESIS STRUCTURE AND PROPERTIES OF NZP AND RELATED NETWORK PHOSPHATES 2000
2000/PHDC-04	K DHANALAKSHMI	DR G SUNDARARAJAN	A NEW METHOD, A NEW CATALYST AND NOVEL SYNTHESSES IN METATHESIS POLYMERISATION 1998

2000/PHDC-05	R. KRISHNAN	DR S VANCHEESAN	SYNTHESIS CHARACTERIZATION AND CATALYTIC ACTIVITY OF POLYNUCLEAR MANGANESE AND COPPER COMPLEXES FOR OXIDATION REACTIONS
2000/PHDC-06	R NANDINI DEVI	DR K VIDYASAGAR	SYNTHESIS AND CHARACRERISATION OF NEW VANADATES AND PHOSPHATES IN THE QUATERNARY SYSTEMS, A/M 1*10 (A=ALKALI METAL, TI; M=SB, NB, TA, AL, GA; X=V, P) 1999
2000/PHDC-07	K PRIYA	DR D LOGANATHAN	B-D-GALACTOSIDASE CATALYZED OLIGOSACCHARIDE SYNTHESIS: RANGLYCOSYLATION TO GLYCOSYLASPRAGINE MIMICS AND OTHERS ACCEPTORS 1999
2000/PHDC-08	RAMISETTI SRINIVAS	DR T PANDA	STUDIES ON INTERGENERIC FUSANTS OF TRICHODERMA REESEI/ SACCHAROMYCES
2000/PHDC-09	ROHIT KUMAR RANA	DR B VISWANATHAN	SYNTHESIS CHARACTERISATION AND CATALYTIC PROPERTIES OF MOLYBDENUM SUBSTITUTED MCM-41 TYPE ZEOLITES 1999
2000/PHDC-10	M SANKAR	DR (MRS)T S CHANDRA	LINGNOCELLULOSIC BOIMASS CONVERSATION BY STRICT ANAEROBIC CELLULOLYTIC AND HEMICELLULOLYTIC BACTERIA 1999
2000/PHDC-11	SIVAKAMASUNDA RI BHARATHI	DR A K MISHRA	INTERACTION OF 7 AMINOCOUMARINS WITH PROTEINS: A FLUORESCENCE SPECTROCOPIC
2000/PHDC-12	VIDYAVATHY BALRAJ	DR K VIDYASAGAR	SYNTHESIS AND CHARACTERIZATION OF NOVEL TELLURITES IN THE QUARTERANARY SYSTEMS A/M/Te/O (A=NH4Cs, Rb, K, Na, Ti;M=Md, W, Sb) 1999
2000/PHDC-13	J. VIJAYAKUMAR KINGSTON	DR M N SUDHEENDRA RAO	STUDIES ON HYPERVALENT SILICATES SYNTHESIS STRUCTURE AND REACTIVITY 1999
2001/PHDC-01	DIGAMBARA PATRA	DR A K MISHRA	DEVELOPMENT OF FLUORESCENCE BASED NOVEL ANALYTICAL METHODS FOR POLYCYCLIC AROMATIC HYDROCARBONS AND PETROLEUM PRODUCTS, 2001
2001/PHDC-02	n. GAYATHRI	DR N BALASUBRAMANIAN	NEW SPECTROPHOTOMETRIC METHODS FOR THE TRACE LEVEL DETERMINATION OF NITROGEN SULPHIDE AND FORMALDEHYDE, 2000

2001/PHDC-03	K. GEETHA	DR N BALASUBRAMANIAN	DEVELOPMENT OF NEW SPECTROPHOTOMETRIC METHODS FOR THE DETERMINATION OF NITROGEN DIOXIDE, SULPHUR DIOXIDE, HYDROGEN SULPHIDE AND HYDROGEN CYANIDE, 2000
2001/PHDC-04	K. JAYAPRAKASH	DR C S VENKATACHALAM	ELECTROCHEMICAL INVESTIGATIONS AND NOVEL SYNTHETIC TRANSFORMATIONS OF SOME AROMATIC CLAISEN SYSTEMS, 2001
2001/PHDC-05	P. MUNI BHASKAR	DR D LOGANATHAN	ZEOLITE AND CLAY CATALYSED TRANSFORMATIONS OF CARBOHYDRATES AND OTHER SUBSTRATES,
2001/PHDC-06	N. PAPPAYEE	DR A K MISHRA	EXCITED STATE ACIDS AS FLUORESCENT PROBES FOR LIPID BILAYER MEMBRANES, 2000
2001/PHDC-07	S. RAMASAMY	DR P T MANOHARAN	CONFORMATIONAL CHANGES AND METAL ION ENVIRONMENT IN HYBRID HEMOGLOBINS, 2000
2001/PHDC-08	M. R. RESMI	DR T PRADEEP	VIBRATIONAL SPECTROSCOPIC INVESTIGATIONS OF ORIENTATIONAL ORDERING IN FULLERENE BASED-MATERIALS, 2000
2001/PHDC-09	N. SANDHYARANI	DR T PRADEEP	STRUCTURE, PHASE TRANSITIONS AND PROPERTIES OF MONOLAYER-PROTECTED METAL CLUSTERS,
2001/PHDC-10	J. SHO BONI	DR A K MISHRA	INVESTIGATION OF PEPTIDE-MEMBRANE AND DRUG-PROTEIN INTERACTIONS BY SPECTROSCOPIC AND MODELING STUDIES, 2001
2001/PHDC-11	B. SOBHANA BABU	DR K K BALASUBRAMANIAN	SEARCH FOR NEW CATALYSIS FOR FERRIER REARRANGEMENT AND NOVEL SYNTHETIC APPROACHES TO KETO-HEXOFURANOSES, 2000
2001/PHDC-12	M. SREEKALA	DR K LALITHA	OXIDATIVE STRESS IN TRIGONELLA FOENUM-GRACEUM AND ROLE OF SELENIUM IN ANTIOXIDANT
2001/PHDC-13	U S SHOBA	DR M R UDUPA	THERMOANALYTICAL STUDIES OF ALKALI METAL BROMATES CHLORATES AND PERCHLORATES IN PRESENCE OF ADDITIVES 1995
2001/PHDC-14	ARINDAM DAS	DR ARCHITA PATNAIK	ION-BEAM INDUCED SYNTHESIS OF CONDUCTING SUBSTRATES FROM POLYMER BASES: THEIR MICROSTRUCTURE AND THE ASSOCIATED CHARGE TRANSPORT 1999
2001/PHDC-15	R ALDRIN DENNY	DR M V SANGARANARAYANAN	STATIC AND DYNAMIC ASPECTS OF CHARGE TRANSPORT IN REDOX POLYMER ELECTRODES 1998

2001/PHDC-16	VENKATARAMANA N M	DR T PRADEEP	INVESTIGATIONS OF THE STRUCTURE, STABILITY AND SURFACE MODIFICATION OF SELF-ASSEMBLED MONOLAYERS, 2000
2002/PHDC-01	P. BHAVANAP	DR P. BHYRAPPA	STERICALLY CROWDED PORPHYRINS: SYNTHESIS AND THEIR PROPERTIES
2002/PHDC-02	J. EDWARD NESAKUMAR	DR S. SANKARARAMAN	LITHIUM PERCHLORATE MEDIATED SYNTHETIC TRANSFORMATIONS IN DIETHYL ETHER 2002
2002/PHDC-03	T. ESWARA YUVARAJ	DR. D. V. RAMANA, DR. N. SUNDARAM & DR. G. SUNDARARAJAN	MASS SPECTROMETER AS A PROBE IN THE SYNTHESIS OF INTERESTING HETEROCYCLIC COMPOUNDS 2002
2002/PHDC-04	R. LAKSHMI	DR K. K. BALASUBRAMANIAN	SYNTHETIC APPLICATIONS OF GLYCALS AND STUDIES IN FERRIER REARRANGEMENTS 2002
2002/PHDC-05	J. MOHAMMED NASRULLAH	DR R. DHAMODHARAN	POLYSTYRENE BASED PHOTORESIST MATERIALS: SYNTHESIS VIA POLYMER MODIFICATION CHEMISTRY AND LITHOGRAPHIC EVALUATION 2002
2002/PHDC-06	MONI .M .S	DR M. S. GOPINATHAN & DR. S. SUBRAMANIAN	TWO AND THREE DIMENSIONAL RADIO FREQUENCY EPR IMAGING IN CONTINUOUS WAVE AND FT MODES
2002/PHDC-07	N. PRABAGARAN	DR. G. SUNDARARAJAN	ASYMMERTRIC INDUCTION USING CHIRAL CATALYST BEARING C2 SYMMETRIC AMINO DIOL 2002
2002/PHDC-08	B. RAJESH	DR B. VISWANATHAN	METHANOL OXIDATION ANODES BASED ON CONDUCTING POLYMERS AND CARBON NANOTUBES SUPPORTED NOBLE METAL(S) FOR POSSIBLE APPLICATIONS IN DMFC 2002
2002/PHDC-09	RAMESH .R	DR K. MANGALA SUNDER	EFFECTIVE FLOQUET HAMILTONIANS AND SPIN DYNAMICS IN SOLID STATE MAGNETIC RESONANCE USING VAN VLECK TRANSFORMATION 2002
2002/PHDC-10	R. SELVAN	DR T. PRADEEP	SYNTHETIC AND SPECTROSCOPIC INVESTIGATIONS OF NOVEL CLUSTERS 2002

2002/PHDC-11	S. SULTHAN ALLAVUDEEN	DR D. LOGANATHAN	SYNTHESIS AND PHYSIOCHEMICAL STUDIES DIRECTED TOWARDS SOLID PHASE SYNTHESIS OF OLIGOSACCHARIDES 2002
2002/PHDC-12	V. SWARNALATHA	DR P. T. MANOHARAN (RETD.)	STRUCTURE AND DYNAMICS IN RECONSTITUTED AND HYBRID HAEMOGLOBINS 2002
2002/PHDC-13	VENUGOPAL PUJARI	DR T. S. CHANDRA	STUDIES ON RIBOFLAVIN PRODUCTION BY EREMOTHECIUM ASHBYI FOR USE AS FOOD SUPPLEMENT 2002
2002/PHDC-14	P. WILSON	DR R. P. VISWANATH	PHYSIO-CHEMICAL INVESTIGATIONS ON SUPPORTED CHROMIA SYSTEMS 2002
2003PHDC-01	ALAMELU .T CY97P002	DR. U.V.VARADARAJU	ELECTRICAL AND MAGNETIC PROPERTIES OF PEROVSKITE RELATED OXIDES AND INTERMETALLICS 2002
2003PHDC-02	S BHAGAVATHY 97P007CY	DR. K. K. BALASUBRAMANIAN (RETD.) AND DR. INDRAPAL SINGH AIDHEN	SYNTHETIC STUDIES ON GLYCAL (PART A) AND 2- AZETIDINONES(PART B) 2003
2003/PHDC-03	CHALLAPALLI SUBRAHMANYAM CY98P05	DR. T. K. VARADARAJAN	SYNTHESIS, CHARACTERISATION AND CATALYSTIC PROPERTIES OF SELECTED MESOPOROUS SOLIDS 2003
2003/PHDC-04	P. GANAPATI REDDY CY00P19	DR. S. BASKARAN	EPOXIDE INITIATED ELECTROPHILIC CYCLIZATION OF AZIDES: A NOVEL METHOD FOR THE STEREOSELECTIVE CONSTRUCTION OF AZABICYCLIC RING SYSTEMS AND APPLICATION IN THE TOTAL SYNTHESIS OF NATURAL PRODUCTS 2003
2003/PHDC-05	S. HARINI PRIYA CY99P03	DR. M. V. SANGARANARAYANAN	THERMODYNAMIC ANALYSIS OF TWO-DIMENSIONAL CONDENSATION AND ELECTRODE / ELECTROLYTE INTERFACES 2003
2003/PHDC-06	HRUDAYA RANJAN SAHU CY96P011	DR. G. RANGA RAO	COMBUSTION SYNTHESIS, CHARACTERIZATION AND CATALYTIC ACTIVITY OF SOME CERIA-BASED MATERIALS 2003
2003/PHDC-07	D. JESUDURAI CY97P010	DR. S. VANCHEESAN	SYNTHESIS AND CHARACTERIZATION OF GROUP VI B METAL CARBONYL COMPLEXES WITH LIGANDS OF BIOLOGICAL IMPORTANCE 2002

2003/PHDC-08	J. D. JEYAPRAKASH .S. SAMUEL 97P005CY	DR. R. DHAMODHARAN	SYNTHESES AND CHARACTERIZATION OF POLYMERS IN CONFINED GEOMETRIES 2002
2003/PHDC-09	T. KANNAN CY95P003	DR. D. LOGANATHAN	CHEMOENZYMATIC CARBOHYDRATE TRANSFORMATIONS INVOLVING B-GALACTOSIDASE AND B-GLUCOSIDASE AS BIOCATALYSTS 2002
2003/PHDC-10	T. LAKSHMANAN CY96P006	DR. D. LOGANATHAN	CHEMOENZYMATIC SYNTHESIS AND X-RAY CRYSTALLOGRAPHIC INVESTIGATION OF N- GLYCOPROTEIN LINKAGE REGION MODELS AND ANALOGS 2003
2003/PHDC-11	R. MANIVANNAN 96P016CY	DR. G. SUNDARARAJAN	A NEW SINGLE-SITE TITANIUM CATALYSTS WITH AMINODIOLATE LIGAND FOR A TRANSFORMATION REACTION AND POLYMERISATION OF OLEFINS 2002
2003/PHDC-12	RAGHUVVEER VADARI CY96P002	DR. B. VISWANATHAN	STUDIES ON MULTICOMPONENT OXIDE SYSTEMS FOR ELECTRODE APPLICATIONS IN FUEL CELLS 2003
2003/PHDC-13	M. RAJA 94PCY11E0	DR. C. S. VENKATACHALAM	CATHODIC REDUCTION OF N-(2-iodo-4- SUBSTITUTED PHENYL)-N-ALKYL-AB-UNSATURATED CARBOXAMIDES-A NOVEL SEQUENTIAL ELECTROCHEMICAL RADICAL CYCCLISATION AND
2003/PHDC-14	A. RAMAKRISHNAN CY97P016	DR. R. DHAMODHARAN	SOME APPLICATIONS OF ATOM TRANSFER RADICAL POLYMERIZATION FOR BULK AND INTERFACIAL POLYMERIZATIONS 2003
2003/PHDC-15	N. SATYAMURTHI CY96P001	DR. INDRAPAL SINGH AIDHEN	N-METHOXY-N-METHYL-2-PHENYLSULFONYL- ACETAMIDE: NEW AND VERSATILE TWO CARBON HOMOLOGATING AGENT 2003
2003/PHDC-16	M. SRINIVASAN CY96P022	DR. S. SANKARARAMAN	SYNTHESES AND STRUCTURE OF CYCLOPHANES WITH POYYNE AND ENEDIYNE BRIDGES 2003
2003/PHDC-17	TINCY LIS THOMAS CY97P014	DR. A. K. MISHRA	STUDIES ON FLUORESCENCE BEHAVIOUR OF CERTAIN FLUOROPHORES IN POLYMERIC SYSTEMS 2003
2003/PHDC-18	R. VIDHYA CY94P020	DR. B. VISWANATHAN	STUDIES ON THERMODYNAMIC PROPERTIES OF CERTAIN RARE EARTH DICARBIDES 2003
2003/PHDC-19	S. VIJAYA SARADHI 97P008CY	DR. INDRAPAL SINGH AIDHEN	UMPOLUNG STRATEGY FOR THE SYNTHESIS OF 2- DEOXY-C-ARYL GLUCOPYRANOSIDES AND 2-DEOXY- C-ARYL RIBOFURANOSIDES 2003

2004/PHDC-01	ALOK DIWAKAR BOKARE CY98P15	DR. ARCHITA PATNAIK	POISTRONS AS MICROPROBES IN STRUCTURE PROPERTY CORRELATIONS IN CHEMICAL SYSTEMS 2004
2004/PHDC-02	BABY C 95P014- CY	DR. M. S. GOPINATHAN & DR S. SUBRAMANIAN	STRUCTURAL INVESTIGATIONS OF SOME BIOLOGICALLY IMPORTANT OLIGOSACCHARIDE SYSTEMS USING MULTIDIMENSIONAL HIGH
2004/PHDC-03	BRAJGOPAL MISRA CY99P11	DR. G. RANGA RAO	CATALYTIC STUDIES ON CERIA-BASED MIXED OXIDES AND CERIUM CONTAINING PILLARED CLAYS 2004
2004/PHDC-04	K.CHANDRA SEKHARAN CY98P17	DR. U. V. VARADARAJU	SOLID STATE STUDIES ON CERTAIN MIXED OXIDES WITH PEROVSKITE AND RELATED STRUCTURES 2004
2004/PHDC-05	GANESHAN R.CY98P09	DR. B. VISWANATHAN (RETD)	METAL COMPLEXES IN CONSTRAINED ZEOLITIC ENVIRONMENTS-SYNTHESIS, CHARACTERIZATION AND PROPERTIES 2004
2004/PHDC-06	HEGDE PRASANT SHANKSAR 96PO13CY	DR. (MRS) T. S. CHANDRA	STUDIES ON ANTIOXIDANT AND NUTRACEUTICAL PROPERTIES OF FINGER MILLET (ELEUSINE CORACANA) AND KODO MILLET (PASPALUM SCROBICULATUM) 2004
2004/PHDC-07	MINIMOL M. P. 97P015CY	DR. K. VIDYASAGAR	SYNTHESES AND STRUCTURAL DIVERSITY OF NEW TELLURITES AND TELLURATES IN A/M/Te/O (A = K, Rb, Cs, tl; m = Sb, Nb, Ta) AND A/Te/O (A = Na, K, Rb, Cs) SYSTEMS 2004
2004/PHDC-08	RAJA S. CY00P22	DR. R. DHAMODHARAN	SYNTHESIS AND CHARACTERIZATION OF FUNCTIONAL POLYSTYRENES AND SOME APPLICATION DEVELOPMENT STUDIES 2004
2004/PHDC-09	SAHOO RASHMI RANJAN CY98P12	DR. ARCHITA PATNAIK	PHYSIOCHEMICAL INTERACTIONS IN SURFACE FUNCTIONALIZED C60 TERMINATED SELF- ASSEMBLED MONOLAYERS AND TRITIUM
2004/PHDC-10	M.SUSHEELA DEVI CY96P003	DR. K. VIDYASAGAR	MOLTEN FLUX SYNTHESIS AND CHARACTERIZATION OF NEW SULFIDES AND POLYSULFIDES IN A/M/S (A = K, Rb, Cs; M = Ga, In), A/Cd/Sn/S (A = Li, Na) AND A/Cu/Zn/S (A = K, Rb) SYSTEMS 2004
2004/PHDC-11	K.SRIRAM CY98P10	DR.M. S. GOPINATHAN	MODELLING NONLINEAR DYNAMICS OF CHEMICAL AND CIRCADIAN RHYTHMS USING DELAY DIFFERENTIAL EQUATION 2004

2004/PHDC-12	URMILA PAL CHAUDHURI CY98P06	DR. N. N. MURTHY	SYNTHETIC, STRUCTURAL AND SPECTROSCOPIC STUDIES OF COPPER, IRON AND MANGANESE COMPLEXES AS MODELS FOR METAL ACTIVE-SITES IN BIOLOGY 2004
2004/PHDC-13	V. VIDYALAKSHMI CY99P12	DR. M. S. SUBRAMANIAN	EXTRACTION AND SEPARATION OF URANIUM AND THORIUM USING LONG CHAIN SUBSTITUTED N,N-DIALKYLAMIDES
2004/PHDC-14	C. D. VENKATA KRISHNAN 95P008- CY	DR. (MRS) T. S. CHANDRA	MOLYBDENUM TOLERANT THIOBACILLUS FERROXIDANS AND BIOLEACHING OF MOLYBDENITE CONCENTRATE 2004
2005/PHDC-01	AKILA G. CY98P08	DR. (MRS) T. S. CHANDRA	MICROBIOLOGICAL AND BIOCHEMICAL STUDIES ON LOW TEMPERATURE BIOMETHANATION 2005
2005/PHDC-01	AKHILA MAHESHWARI M. CY01D001	DR. M. S. SUBRAMANIAN	NOVEL ION-SELECTIVE GRAFTER POLYMERS AND REVERSED PHASE HPLC METHODS FOR THE PRECONCENTRATION AND SEPARATION OF METAL IONS FROM ENVIRONMENTAL SAMPLES AND WASTE EFFLUENTS 2005
2005/PHDC-02	BHASKAR B. CY00P14	DR. ANJU CHADA	BIOCATALYTIC ASYMMETRIC SYNTHESIS: DERACEMISATION OF ALPHA-HYDROXY ESTERS - MECHANISM AND SCOPE 2005
2005/PHDC-03	JOTHI RAMALINGAM R. CY00P04	DR. T. K. VARADARAJAN	SYNTHESIS, CHARACTERIZATION AND CATALYTIC OXIDATION PROPERTIES OF COPPER, CERIUM AND ZIRCONIUM INCORPORATED MANGANESE OXIDE OMS-2 MATERIALS 2005
2005/PHDC-04	KASALA DAYANANDA CY00PO3	DR. R. DHAMODHARAN	EXPLORATION OF NOVEL BINOL BASED INITIATORS IN ATRP AND INTERFACIAL ATTACHMENT OF POLYMERS 2005
2005/PHDC-05	KOYA PRABHAKARA RAO CY00P21	DR. K. VIDYASAGAR	SYNTHESES AND CHARACTERIZATION OF NOVEL ALKYL DIPHOSPHONATES AND PHENYLPHOSPHONATES IN THE SYSTEMS, A/Mo/H ₂ O ₃ (CH ₂) _n PO ₃ H ₂ , A/C ₆ H ₅ PO ₃ H ₂ AND A/H ₂ O ₃ P(CH ₂) _n PO ₃ H ₂ (A = ALKALI METAL, TI AND
2005/PHDC-06	N. LAKSHMI NARASIMHAN CY00P09	DR. U. V. VARADARAJU	LUMINESCENCE OF Eu ³⁺ AND Eu ²⁺ IN CERTAIN PHOSPHATES, SILICATES AND OXIDES: STRUCTURE-PROPERTY CORRELATIONS 2005

2005/PHDC-07	MANEPALLI V. V. M. SATYA KISHORE CY99P07	DR. U. V. VARADARAJU	ELECTROCHEMICAL STUDIES ON CERTAIN OXIDES AND PHOSPHIDES AS ELECTRODE MATERIALS FOR SECONDARY LITHIUM BATTERIES 2005
2005/PHDC-08	MUNIRASU S. CY01D007	DR. R. DHAMODHARAN	AMBIENT TEMPERATURE ATOM TRANSFER RADICAL POLYMERIZATION OF BENZYL METHACRYLATE: APPLICATION TO BLOCK COPOLYMERS SYNTHESIS AND SURFACE-INITIATED POLYMERIZATION 2005
2005/PHDC-09	PRABHAKARAN D. CY00P23	DR. M. S. SUBRAMANIAN	GRAFTER POLYMERS: A GREEN APPROACH TOWARDS SELECTIVE EXTRACTION AND PRECONCENTRATION OF TOXIC AND PRECIOUS METAL IONS FROM SYNTHETIC AND
2005/PHDC-10	SANTHOSH KUMAR PADHI CY01D013	DR. ANJU CHADA	BIOCATALYTIC DERACEMISATION IN THE SYNTHESIS OF OPTICALLY PURE BETA-HYDROXY ESTERS 2005
2005/PHDC-11	SHANMUGAM S. CY99P04	DR. T. K. VARADARAJAN	CATALYTIC AND DEVICE APPLICATIONS OF METAL OXYGEN CLUSTER COMPOUNDS 2005
2005/PHDC-12	SUDHAKAR P. CY98P16	DR. G. SUNDARARAJAN	A NEW CLASS OF TITANATRANES AND ZIRCONATRANES AND OLEFIN POLYMERISATION
2005/PHDC-13	SUDHA V. CY02D008	DR. M. V. SANGARANARAYANAN	ANALYSIS OF UNDERPOTENTIAL DEPOSITION BEHAVIOUR OF ELECTROLYTES 2005
2005/PHDC-14	S. VIJAYA LAKSHMI CY96P015	DR. T. S. CHANDRA	STUDIES ON PHYSIOLOGICAL AND GENETIC ASPECTS OF RIBOFLAVIN OVERPRODUCTION BY THE HEMIASCOMYCETE ASHYBYLI AND ASHBYA GOSSYPIL 2005
2005/PHDC-15	VINOHAR STEPHEN RAPHAEL 97P011 CY	DR. K. LALITHA	OXIDATIVE STRESS AND IRON STATUS-METABOLIC ADAPTATIONS AND AMELIORATION BY MIMOSINE, 2005
2006/PHDC-01	AMAR KUMAR DORA CYP01P01	DR. SANJAY KUMAR	TIME-DEPENDENT WAVE PACKET STUDY OF RESONANT PROCESSES IN ELECTRON-MOLECULE
2006/PHDC-02	M. ARUN PRASAD CY00P24	DR. M. V. SANGARANARAYANAN	ELECTROCHEMICAL REDUCTIVE CLEAVAGE OF CARBON-HALOGEN BONDS - APPLICATION OF MARCUS THEORY IN THE ANALYSIS OF NON-LINEAR ACTIVATION-DRIVING FORCE RELATIONSHIPS 2005

2006/PHDC-03	V. CHIDAMBRAM CY99P06	DR. B. VISHWANATHAN (RETD.) DR. R. P. VISHWANATH	STUDIES ON (A) CATALYTIC ROUTES FOR THE PRODUCTION OF OXYGENATES FROM REFINARY FEED STOCKS (B) DIRECT METHANOL FUEL CELLS
2006/PHDC-04	DEEPA. S. CY01D004	DR. A. K. MISRA	DEVELOPMENT OF CERTAIN FLUORESCENCE BASED ANALYTICAL METHODS 2005
2006/PHDC-05	T. J. DHILIP KUMAR	DR. SANJAY KUMAR	QUANTUM DYNAMICS OF INELASTIC AND CHARGE TRANSFER PROCESSES IN H+CO SYSTEM 2006
2006/PHDC-06	S. GNANA SUTHA CY99P10	DR. N. N. MURTHY	BIOINSPIRED DINUCLEAR COBALT AND COPPER COMPLEXES: AN INVESTIGATION OF THEIR STRUCTURAL, SPECTROSCOPIC AND REACTIVITY
2006/PHDC-07	S. KARTHIKEYAN CY01P03	DR. K. MANGALA SUNDER	THEORETICAL CALCULATIONS OF ENERGY LEVELS AND INTENSITIES FOR MOLECULES WITH STRONG CORIOLIS COUPLING 2005
2006/PHDC-08	G. D. KISHORE KUMAR CY99P01	DR. S. BHASKARAN	DEVELOPMENT OF NEW SYNTHETIC METHODOLOGY BASED ON A NOVEL GREEN CATALYST 2005
2006/PHDC-09	M. SHANKAR CY02D014	DR. P. BHYRAPPA	MIXED SUBSTITUTED PORPHYRINS: SYNTHESIS, STRUCTURES AND THEIR PROPERTIES 2005
2006/PHDC-10	N. S. SANTHOSH CY98P11	DR. G. SUNDARARAJAN	NEW TECHNIQUES AND NOVEL POLYMER SYNTHESIS BY OLEFIN METATHESIS CATALYSTS DERIVED FROM METAL CARBONYLS 2006
2006/PHDC-11	SANJIB KUMAR KARMEE CYD01011	DR. ANJU CHADHA	PREPARATION OF BIODIESEL FROM OIL OF PUNGAMIA AND VALUE ADDED PRODUCTS: A GREEN APPROACH 2006
2006/PHDC-12	SATHISH M. CYD01014	DR. R. P. VISHWANATH	PHOTOCATALYTIC AND ELECTROCHEMICAL PROCESSES FOR GENERATION OF HYDROGEN AND DECONTAMINATION OF WATER 2006
2006/PHDC-13	SHANKARA GAYATHRI S. CYD01015	DR. ARCHITA PATNAIK	FULLERENE C60 DIDODECYLOXYBENZENE DYAD: STRUCTURE, DYNAMICS AND SELF-ORGANIZATION 2006
2006/PHDC-14	SHYAMALA T. CY02D002	DR. A. K. MISRA	EVALUATION OF SOME FLUORESCENT MOLECULES AS MOLECULAR PROBES FOR LIPOSOMES 2006
2006/PHDC-15	J. SRIVIDYA CY00P18	DR. M. S. GOPINATHAN	MODELLING CHEMICAL AND BIOLOGICAL DYNAMICAL SYSTEMS WITH DELAY DIFFERENTIAL EQUATIONS
2006/PHDC-16	SUBHENDU KUMAR MOHANTY CY01D018	DR. S. BHASKARAN	SYNTHESIS AND PHOTOPHYSICAL PROPERTIES OF NEWKOME TYPE DENDRIMERS 2006

2006/PHDC-17	VIJAYAKRISHNA KARI CY00P01	DR. G. SUNDARARAJAN	TITANIUM BASED C1-SYMMETRIC NON-METALLOCENE CATALYSTS BEARING N-SUBSTITUTED BETA-AMINO ALCOHOLS FOR OLEFIN
2007/PHDC-01	C. ARUNKUMAR CY01D021	DR. P. BHYRAPPA	FUNCTIONALIZED PORPHYRIN LIQUID CRYSTALS: SYNTHESIS AND THEIR PROPERTIES 2007
2007/PHDC-02	ARKASHISH BANDOPADHYAYC Y02D009	DR. S. SANKARARAMAN	SYNTHESIS, SPECTROSCOPIC AND STRUCTURAL INVESTIGATIONS OF ACETYLENIC MACROCYCLES, OXEPINS AND CROSS CONJUGATED DEHYDROANNULENES 2007
2007/PHDC-03	CHINTALAPATI SIVA KESAVA RAJU CY02D012	DR. M. S. SUBRAMANIAN	NOVEL GRAFTED POLYMERS AND MODIFIED HPLC SUPPORTS FOR PRECONCENTRATION AND SEPARATION OF PRECIOUS METAL IONS FROM ACIDIC WASTES AND ENVIRONMENTAL SAMPLES
2007/PHDC-04	T. C. GIRIJA CY03D006	DR. M. V. SANGARANARAYANAN	STUDIES PERTAINING TO THE DEVELOPMENT OF ELECTROCHEMICAL SUPERCAPACITORS 2007
2007/PHDC-05	MAILALAGAN T. CY01D026	DR. B. VISWANATHAN (RETD.)	ELECTRO-CATALYTIC SUPPORTS FOR NOBLE METALS FOR EXPLOITATION AS ELECTRODES FOR FUEL CELLS 2007
2007/PHDC-06	M. ROSEMARY CY01D026	DR. T. PRADEEP	INVESTIGATION OF MOLECULES CONFINED IN SILICA NANOSHELLS 2007
2007/PHDC-07	RENJIS T. TOM CY01D010	DR T. PRADEEP	INTERACTIONS OF CERTAIN BIOMOLECULES WITH GOLD AND SILVER NANOPARTICLES 2007
2007/PHDC-08	B. RAM PRASAD CY01D008	DR. K. MANGALA SUNDER	MICROWAVE SPECTRA OF NON-RIGID COMPLEXES: APPLICATIONS TO BENZENE-WATER VAN DER WAALS COMPLEX AND ITS ISOTOPES 2007
2007/PHDC-09	G. K. RAGHURAMAN CY01D022	DR. R. DHAMODHARAN	ATTACHMENT OF POLYMER MONOLAYERS - A CONVENIENT APPROACH TO MODIFY NANOPARTICULATE AND FLAT SURFACES 2007
2007/PHDC-10	A. SREEKUMARAN NAIR CY01D25	DR T. PRADEEP	CHEMISTRY OF HALOCARBONS WITH BARE AND PROTECTED SILVER AND GOLD NANOPARTICLES 2007
2007/PHDC-11	S. SRIMURUGAN CY01D017	DR T. K. VARADARAJAN	SALEN BASED MACROCYCLES AND THEIR MANGANESE COMPLEXES: SYNTHESIS, CHARACTERIZATION AND EXPLOITATION 2007
2007/PHDC-12	SUSAN ABRAHAM CY99P08	DR G. SUNDARARAJAN	STUDIES RELATED TO ASYMMETRIC MICHAEL ADDITION REACTION BY CHIRAL PROMOTERS 2007

2007/PHDC-13	A. SUVITHA CY01D019	DR. G. SUNDARARAJAN & DR. B. VISWANATHAN	SYNTHESIS AND PHYSIOCHEMICAL STUDIES ON HEXACOORDINATE SILICATES OF 2,3- DIHYDROXYNAPHTHALENE 2007
2007/PHDC-14	V. SIVAKUMAR CY04D016	DR U. V. VARADARAJU	INVESTIGATION OF RARE EARTH LUMINESCENCE IN MIXED METAL OXIDES AND SILICATES 2007
2007/PHDC-15	M. SANKARAN CYD01012	DR. B. VISWANATHAN (RETD.) & Dr. SRINIVASA MURTHY	ON THE POTENTIAL OF CARBON MATERIALS FOR SOLID STATE HYDROGEN STORAGE 2007
2007/PHDC-16	USHA RANI SUBUDDHI CY00P11	DR A. K. MISHRA	FLUORESCENT MOLECULAR PROBES FOR PHOSPHOLIPID VESICLES AND BILE SALT MICELLES 2007
2007/PHDC-17	UDAYA NATH AICH CY01D020	DR D. LOGANATHAN	CHEMOENZYMATIC SYNTHESIS AND X-RAY CRYSTALLOGRAPHIC INVESTIGATION OF THE LINKAGE REGION ANALOGS OF N- & O-
2008/PHDC-01	ANITA C. KUMAR CY03D032	DR A. K. MISHRA	FLUORESCENCE STUDIES ON POLY(N- ISOPROPYLACRYLAMIDE) (PNIPAM) AND POLY(VINYL ALCOHOL) (PVA) HYDROGELS 2008
2008/PHDC-02	ASMITA KUMARI CY02D005	DR K. VIDYASAGAR	SYNTHESIS AND CHARACTERIZATION OF AGaSnS ₄ , AGaS ₂ AND Na ₂ M ₄ S ₇ (A = ALKALI METAL, TI, Ag; M = Ga, In, Bi) SULFIDES 2008
2008/PHDC-03	A. ARAVIND CY01D002	DR S. BASKARAN	REGIOSELECTIVE CLEAVAGE OF BIS-BENZYLIDENE ACETALS OF D-MANNITOL: STEREOSELECTIVE SYNTHESIS OF BIOLOGICALLY ACTIVE MOLECULES
2008/PHDC-04	CHITTURI VENKATESWARA RAO CY02D016	DR B. VISWANATHAN (RETD.) & DR. U. V. VARADARAJU	ON THE SEARCH FOR EFFICIENT CATALYSTS FOR OXYGEN REDUCTION REACTION 2008
2008/PHDC-05	EVERTA KEREN CY02D003	DR. S. SANKARARAMAN & DR. G. SUNDARARAJAN	ZIRCONIUM AMINODIOLATE PRECATALYSTS FOR HOMO AND COPOLYMERIZATION OF ETHYLENE, 1- HEXENE AND 1-OCTENE 2008
2008/PHDC-06	GANDIKOTA VENKATARAMANA CY01D027	DR S. SANKARARAMAN	SYNTHESIS, STRUCTURAL AND SPECTROSCOPIC INVESTIGATIONS OF NOVEL PYRENE BASED FLUOROPHORES WITH ACETYLENIC CONJUGATION
2008/PHDC-07	JOBIN CYRIAC CY02D011	DR T. PRADEEP	PROBING ATMOSPHERICALLY RELEVANT MOLECULES ON ICE FILMS 2008
2008/PHDC-08	K. JEYAKUMAR CY04D030	DR DILLIP KUMAR CHAND	MOLYBDENUM (VI) BASED CATALYSTS IN ORGANIC TRANSFORMATIONS 2008

2008/PHDC-09	KALPANA ALIAS G. MAGALA CY00P16	DR K. VIDYASAGAR	SYNTHESIS AND CHARACTERIZATION OF NEW LUMINESCENT ANTIMONITES, $A_2M_4SbO_{18}$ ($A = Y, La, Nd, Sm, Eu, Gd, Dy, Ho, Er, Yb$) AND A_2MSbO_6 ($A = Cd, Hg, Pb; M = Nb, Sb, Ta$) 2007
2008/PHDC-10	LINGAM HIMA KUMAR CY02D017	DR. B. VISWANATHAN (RETD.) & Dr. SRINIVASA MURTHY	ON SOME CHALLENGING AVENUES IN HYDROGEN STORAGE 2008
2008/PHDC-11	S. M. MAHALINGAM CY03D023	DR. INDRAPAL SINGH AIDHEN	NEW STRATEGIES FOR THE SYNTHESIS OF BIOLOGICALLY IMPORTANT COMPOUNDS USING ALPHA-AMINONITRILES AS ACYL ANION
2008/PHDC-12	MUNNANGI ANJI REDDY CY03D023	DR U. V. VARADARAJU	ELECTROCHEMICAL LITHIUM INSERTION STUDIES ON CERTAIN BINARY AND TERNARY TRANSITION METAL OXIDES IN THE NANO AND MICROMETER SIZE REGIME 2008
2008/PHDC-13	T. D. NEELIMA	DR. S. SANKARARAMAN & DR. G. SUNDARARAJAN	EFFECT OF ADDITIONAL CHIRALITY IN AMINODIOL LIGAND IN CATALYSTIC ASYMMETRIC MICHAEL ADDITION REACTION USING HETEROBIMETALLICS,
2008/PHDC-14	T. RAJ KUMAR CY03D019	DR. G. RANGA RAO	STUDIES ON $Ce(X)Zr(1-X)O_2$ /HYDROUS ZIRCONIA SUPPORTED HETEROPOLY ACIDS AND THEIR HYBRID COMPOUNDS WITH IONIC LIQUIDS 2008
2008/PHDC-15	S. SABIAH CY00P12	DR. N. N. MURTHY	BIOINSPIRED COPPER COMPLEXES FOR ACTIVATION OF O_2 AND PHOSPHODIESTER: STRUCTURAL, SPECTROSCOPIC, MAGNETIC AND REACTIVITY STUDIES 2008
2008/PHDC-16	A. SAIESWARI CY03D021	DR SANJAY KUMAR	QUANTUM DYNAMICS OF PROTON COLLISIONS WITH DIATOMIC MOLECULES AT LOW AND MODERATE COLLISION ENERGIES 2007
2008/PHDC-17	C. SUBRAMANIAN CY04D006	DR T. PRADEEP	NANOSENSORS WITH METAL NANOPARTICLES AND NANOPARTICLES-NANOTUBE COMPOSITES 2008
2008/PHDC-18	P SURESH CY01D023	DR T. K. VARADARAJAN	SYNTHESIS AND CHARACTERIZATION OF CHIRAL C2 AND C3-SYMMETRIC AMINO ALCOHOL BASED SCHIFF BASES AND CHIRAL MACROCYCLES AND THE CATALYTIC ACTIVITY OF THE COMPLEXES BASED ON THESE LIGANDS 2007

2008/PHDC-19	B. VIJAY SHANKAR CY02D010	DR ARCHITA PATNAIK	SUPRAMOLECULAR ARCHITECTURES OF FUNCTIONAL AMPHIPHILES: A TWO AND THREE DIMENSIONAL APPROACH 2007
2008/PHDC-20	A. V. VIVEK CY04D011	DR R. DHAMODHARAN	GRAFT COPOLYMERS VIA AMBIENT TEMPERATURE ATRP: SYNTHESIS AND CHARACTERIZATION OF NEW MATERIALS 2008