

**National Centre of Excellence in Physical Chemistry, University of
Peshawar, Pakistan**

M.Phil Scholars Produced

S.No	Scholar Name	Supervisor Name	Thesis Title	Year
1.	M. Ilyas	Dr.Lutfullah	The Polarographic behaviour of normal & Cancerous blood sera	1979
2.	Salma Khatoon	Dr.H.A.Kazmi	Studies on the Production of Biogas	1981
3.	Fazalullah	Dr.Noor Ahmad	Pollution Studies of drinking river and industrial waste water in NWFP	1981
4.	Ikramul Haq	Dr.S.Mustafa	Sorption of heavy metal ions and their complexes on hydrous oxides	1983
5.	M.Safder	Prof.M.Zaheeriddin	Calorimetric Studies on Sulphur Containing Compounds	1984
6.	Anjuman Ara	Dr.Mansoor Ahmad	I.R study of the adsorption of Carboxylic acids on the surface goethite and hematite immersed in carbon Tetrachloride.	1984
7	M.Saleem Khan	Dr.Noor Ahmad	Water Pollution studies of drinking river and industrial waste water in NWFP Pakistan	1984
8	Nizkat Bibi	Dr.Mansoor Ahmad	I.R study and thermodynamic of H-bonding halogenated Alcohols	1984
9	Razia Durrani	Prof.M.Zaheeruddin	Thermodynamics of the extraction of dicarboxylic acids from aqueous solution	1984
10	M.Masoom Anwar	Dr.Mansoor Ahmad	Studies on Tannin Formaldehyde adhesive	1985
11	Zulfiqar H.Lodhi	Prof.M.Zaheeruddin	Enthalpies of formation of some cyclic solutions	1986
12	Akhtar Saeed	Dr.Noor Ahmad	Thermodynamics Studies of the Super Molecular order in Poly(vinyl alcohol)	1986
13	Alam Zeb	Dr.Lutfullah	Computer Assisted Learning Chemistry	1986
14	Shah Pervez	Dr.Noor Ahmad	Spectroscopic and conductrometric study of dyes	1987

			with different anions	
15	Bashir Ahmad	Dr.Noor Ahmad	Hazara Phosphate rock and their bath utilization	1988
16	Shereen Mohammad	Dr.Noor Ahmad	Study of market samples of drugs of abuse (Heroin etc) and the level of their metabolites in biological sample of adducts during treatment.	1988
17	Khalil-ur-Rehman	Dr.Lutfullah	Adsorption Phenomen on new crystalline inorganic ion exchanger	1988
18	M.Saleem	Dr.Lutfullah	Computer Assisted learning Chemistry	1988
19	Mian Said Wahid	Dr.H.M.Khan	Characterization studies of gamma irradiated and unirradiated Polymethamethacrylate.	1988
20	Shahida Shamim	Dr.Mansoor Ahmad	Studies on H-bonding in alcohols	1988
21	Rashid Ahmad	Dr.S.Mustafa	Sorption on metal ions on carboxylic cation exchanger	1988
22	Liaqat Ali	Dr.Noor Ahmad	Trace element Pollution in the environment	1988
23	Sirajuddin	Dr.Lutfullah	Trace metals analysis of body fluids using electrochemical Techniques	1989
24	Ikramullah	Dr.I.A.Awan	Characterization of Pakistan coals by pyrolysis gas chromatography	1989
25	Hamid Ali	Dr.S.Mustafa	Solvent effect on adsorption	1989
26	M.Rafiq	Dr.Lutfullah	Determination of stability constant of group II B metal halodes	1989
27	Sabiha Nazli	Dr.Mansoor Ahmad	Studies on non tannins in the bark of pinus Roxburghii Chire Pinus	1989
28	Ali Khan Bhattani	Dr.Noor Ahmad	Unperturbed dimensions of Poly Styrene Polymer	1989
29	Farkhanda Nasreen	Dr.S.Mustafa	The sorption of heavy metals by anion exchangers	1989
30	Shaheen Akhtar	Prof.M.Zaheeruddin	Partition and extraction studies on dicarboxylic acids	1990
31	Falak Taj	Prof.M.Zaheeruddin	Saltingout oxalic acid from various equilibrating systems	1990
32	Khalid Mahmood	Dr.Noor Ahmad	Particle size molecular weight and aggregate size of the	1990

			Polymeric	
33	Amin-ur-Rehman	Dr.Noor Ahmad	Light Scattering and viscometric characterization of different kinds of rubbers	1990
34	Noor-ul-Basar	Dr.Noor Ahmad	Characterization of Poly(vinyl Acetone) by various Techniques	1990
35	M.Imran	Dr.Noor Ahmad	Fluorescence Studies of Polymer	1990
36	Gul Nawab	Dr.S.Mustafa	Comparative Studies of Phosphates adsorption from aqueous solutions	1990
37	Sajida Akhtar	Dr.I.A.Awan	Synthesis of methoxy substituted cyclopropanes from methyl codide zinc-copper couple and vinyl ethers	1990
38	M.Nafees Akbar Jan	Dr.M.Ilyas	Determination of antioxidant in cooking oils and fats.	1990
39	Rizwana Nigar	Dr.M.Ilyas	Reaction of alcohol & related compounds catalysed by transition metal oxides and sulfides	1990
40	Shahida Parveen	Dr.Ikramul Haq	Surface Properties of Iron Hydroxide	1990
41	Imtiaz Ahmad	Dr.S.Mustafa	Surface Complexation at Iron hydroxide/Liquid Interfaces.	1990
42	Yasim Shah	Dr.S.Mustafa	Counter Ion effect on Ion exchange sorption of Phosphate	1991
43	Abdus Saeed Shah	Dr.Mansoor Ahmad	Synthesis and Labelling of Meta Iodo Benzylguanidine.	1991
44	Dil Ara Begum	Dr.S.Mustafa	Effect of Temperature on PZC of different oxides and hydroxides.	1991
45	Fazli Rab	Dr.M.Ilyas	Etiology of Urolithiasis in Hospital admitted cases	1991
46	Neeflofar Zeb	Dr.S.Mustafa	Adsorption of amines on oxides/liquid interfaces	1991
47	Amira Nasreen	Dr.Mansoor Ahmad	Studies on Phenol formaldehyde lignedsulphonate	1991
48	Aqil Shah	Dr.Noor Ahmad	Effect of Ionic strength on Henrys Low constant for volatile organic compounds	1991
49	Abad Khan	Dr.Noor Ahmad	Chromatographic and spectrophotometer determination of organic pollutants in water	1991
50	Abdul Ghani	Dr.Mansoor Ahmad	Rhenium complexes of 1,2-Dihydroxy aromatic ligands	1991

51	Said Alam Shah	Dr.S.Mustafa	Biochemical Pakern of normal human haemoglobin	1991
52	M.Anwar	Dr.H.M.Khan	Chemical dosimetry using aqueous solutions	1992
53	Hizbullah Khan	Dr.M.Ilyas	The catalytic activity of binary & mixed metal oxides in the catalysis of alcohol elimination reactions	1992
54	Ghosia Lutfullah	Prof.M.Zaheeruddin	Determination of heavy metals in biological fluids	1992
55	Khalid Khan	Dr.H.M.Khan	Radioactive contamination of food	1992
56	Ijaz Ahmad Bhatti	Dr.H.M.Khan	Low Dose florescence dosimetry	1992
57	Mukhtiar Ali	Dr.I.A.Awan	Catalytic thermal decomposition of Polymers by pyrolysis Gas Chromatography	1992
58	Ume Kalsoon	Dr.Noor Ahmad	Hydrodynamic and Thermodynamic Properties of aqueous Poly(vinyl alcohol)solution	1992
59	Syed Tasleem Hussain	Prof.M.Zaheeruddin	Saltingout of polar solvents from aqueous solution	1992
60	Subhanullah Shah	Dr.M.Ilyas	Adsorption and catalysis on metal oxide surfaces. The oxidative dehydrogenation of isopropanol on Cr ₂ O ₃ surfaces	1992
61	Syed Wasim Ali	Dr.H.M.Khan	Spectrophotometric analysis of window glasses as radiation dosimeter	1992
62	Muhammad Nazif	Dr.Noor Ahmad	Oxidation of thallium(I) with haxacyanoferrate(iii) in aqueous acetic acid .	1992
63	Mujahid Ali	Dr.Mansoor Ahmad	Synthesis & Characterization of diazadeboretidines	1992
64	Qadar Sharif	Dr.Mansoor Ahmad	Interaction of haloalcohols with proton acceptors(BASES)	1992
65	Abdul Naeem	Dr.S.Mustafa	Ion exchange properties of ferric phosphate	1992
66	M. Younas	Dr.H.M.Khan	High-dose dosimetry using blue Polymethylmethacrylate	1993
67	Karam Ahad	Dr.Noor Ahmad	Salt effect on polyelectrolyte solution	1993
68	Mian Sayed	Dr.H.M.Khan	Depth dose distribution for Co-60 Gamma ray sources.	1993
69	Khalida Akhtar	Dr.Ikramul Haq	Role of Phosphate in regulating the surface Properties of hydrons	1993

			Iron oxide	
70	Niaz Muhammad	Dr.M.Saleem Khan	Rheological & Viscometric studies of Poly(vinyl Chloride)	1993
71	Kousar Iqbal	Dr.Ikramul Haq	Interfacial Properties of /Al ₂ O ₃	1993
72	Bashir Hussain Shah	Dr.S.Mustafa	Ion exchange adsorption of Chromate	1993
73	Masood Khan	Dr.Akhtar Saeed	Spectroscopic studies of the charge transfer complex formation between the aromatic and aliphatic hydrocarbons	1993
74	Jan Nisar	Dr.I.A.Awan	Pyrolysis Gas Chromatography of cation exchanged coals.	1993
75	Mumtaz Hussain	Dr.M.Ilyas	Determination of nickel in hydrogenated oils(Ghee)	1994
76	Shagufta Nasreen	Dr.I.A.Awan	Studies on characterization monitoring and recycling of effluents from tannerries/leather industry in NWFP	1994
77	Abdul Ali Khan	Dr.M.Saleem Khan	Influence of dielectric constants on the kinetics of ionic reaction in mixed solvent	1994
78	M.Abid Zia	Dr.H.M.Khan	Radioactive contamination of food and environmental samples of NWFP	1994
79	Arif Jamal	Dr.S.Mustafa	Comparative studies of chromate adsorption on oxides and hydroxides.	1994
80	Nasira Mahmood	Dr.M.Ilyas	Determination of surface area by dye adsorption method	1995
81	Rabiah Baby	Dr.S.Mustafa	Oxidation of Chromium(III) in aqueous media	1995
82	Tehsil Badshah	Dr.S.Mustafa	Study of adsorption of the complexes of copper, Nickel and zinc on amorphous Iron(III) hydroxide with different ligands.	1995
83	Naveedullah Jamroz	Dr.M.Ilyas	Studies on donor acceptor complexes of Halo-Propanols with different bases	1995
84	Tahira Mahmood	Dr.I.A.Awan	Synthesis and kinetics studies of the thermal gas phase decomposition of vinyl ethers	1995
85	Nadia H.Lodhi	Dr.S.Mustafa	Ligand adsorption study on weak acid cation exchanger	1995
86	Walayat Khan	Dr.M.Saleem Khan	Fluorescence & absorbance studies of polystyrene in	1996

			different solvents	
87	Gul Naz	Dr.I.A.Awan	Effects of Ion exchanged cation on the pyrolysis behaviour of indigenous coals.	1996
88	Faridullah	Dr.Akhtar Saeed	Rate of dust fall and particulate analysis in Peshawar	1996
89	Khalid Hussain Shekikh	Dr.Lutfullah	Expert systems in chemical engineering and chemistry	1996
90	Jamila Begum	Dr.Lutfullah	Optimization of the condition for Nickel electroplating and electrodeposition of Alloys	1996
91	Fareena Kunwal	Dr.M.Saleem Khan	Degradation studies of Poly(vinyl Chloride)	1997
92	Nizar M.Usman	Dr.M.Ilyas	Companison of the oxidative & non oxidative dehydrogenation of cyclohexyl alcohol by copper chromium supported catalyst	1997
93	Hidatullah	Dr.M.Saleem Khan	Solubilization of Amphiphilic Hemicyanine dyes by a cationic surfactant	1997
94	Imdad Khan	Dr.Fida Muhammad	Role of Chemical Education in solving Pollution Problems in Pakisan	1997
95	Rafiullah	Dr.Lutfullah	Recovery of some precious heavy Metals from Industrial waste	1998
96	Sadullah	Dr.M.Saleem Khan	Multielemental water pollution studies of Peshawar vally NWFP Pakistan	1998
97	M.Javed	Dr.S.Mustafa	Ion exchange Properties of Aluminum(III) Phosphate	1998
98	Zill-i-Huma	Dr.Ikramul Haq	Comparative study of the Antiwear Properties of the commercial Lubricating oils	1998
99	Murtaza Hussain	Dr.Akhtar Saeed	Experimental test of Renormation group calculations on the University of Dilute solution dynamic	1998
100	Sham-un-Nisa	Dr.S.Mustafa	Ion Exchange Properties of Ferric III Phosphates	1999
101	Najeeb-ur-Rehman	Dr.Akhtar Saeed	Interaction of Cetyltrimethylamonounium bromide & Polyvinylpyroldone	1998
102	Amin-ur-Rehman	Dr.Akhtar Saeed	The interaction of Polyvinyl pyroldone with salicylic acid & its derivatives in aqueous	1999

			solutions	
103	Tasneemullah Sheikh	Dr.Lutfullah	Application of absolute rate theory(ART) for the gas phase thermal reaction of substituted cyclopropane and vinyl ethers	1999
104	M.Asiam	Dr.I.A.Awan	Pyrolytic behaviour of cation exchanged coals	1999
105	Mahmood Iqbal	Dr.I.A.Awan	Effect of Gamma Radiation on pyrolysis behaviour of indigenous polymethyl Methacrylate and Poly vinyl chloride	1999
106	Masud Azhar	Dr.S.Mustafa	Ionic association studies between PEO solutions and various salts.	1999
107	Khalid Mahmood	Dr.S.Mustafa	Chromates Removal by amberlyst A-21	1999
108	Nazim Gul	Dr.Lutfullah	Co deposition of Alloys on Basis Metals	1999
109.	Mr.Gulzar Ahmad	Prof.Dr.Hasan M.Khan	Environmental Study of some Industrial effluents of Peshawar and nearby areas	2000
110.	Mr.Qazi M.Sharif	Dr.Akhtar Saeed	Study of Micelization Parameters and electrostatic Interaction in Micellar solution of sodium Dodecyl sulfate	2001
111.	Ms.Asma Yamin	Dr.Iftikhar A.Awan	Characterization of Cherat Coal by Pyrolysis Gas Chromatography	2001
112.	Mr.Zahid Sultan	Prof. Dr.Hasan M.Khan	Radiometric analysis of soil and food samples of angar valley, eastern salt range of Punjab(Pakistan)	2002
113	Mr.Mushtaq-ur-Rehman	Prof. Dr.M.Ilyas	Dehydrogenation of Cyclohexanol catalyzed by supported and unsupported platinum and platinum oxide catalysts at solid-liquid interface	2002
114	Mr.Nasir Jamil	Dr.Fida Muhammad	Problem and Implication of the Chemistry of Nitrogen in the Troposphere emitted by Motor Vehicles	2003
115	Mr.M.Iqbal Zaman	Prof. Dr.S.Mustafa	Phosphate Anion sorption on MnO ₂ .	2004
116	Mr.Arshad Hussain	Prof.Dr.Lutfullah	Production of Mesophase from Coaltar and Petrelum from Pitches	
117	Mr.Khaista Gul	Prof. Dr.M.Saleem	Interaction of Polymers with	2004

		Khan	Metals	
118	Mr.Zafar Khan	Dr.Iftikhar A.Awan	Effect of Ion Exchanged Cation on the Pyrolysis behaviour of Cherate Coal	2004
119	Mr.Sadullah	Prof.Dr.Lutfullah	Preparation of Thin Film Solar Cell	2004
120	Mr.M.Taufique	Prof. Dr.M.Ilyas	Adsorption Removal of organic and Inorganic from Aqueous Solution by activated carbon Manufactured in the Labs Indigenous materials	2004
121	Mr.Abdul Mahmood	Prof. Dr.Hasan M.Khan	Removal of Chromium from Industrial Effluents of Irradiation	2005
122	Mr.Sikandar Khan	Prof.Dr.Ikramul Haq	Comparative study of the antiwear Properties of the Commercial Greases	2005
123	M.Ishaq Khan	Prof. Dr.S.Mustafa	Metal Ions Desorption studies on Iron(III) Phosphate	2005
124	Mr.Nasrullah	Prof. Dr.Ikramul Haq	A study on the antiwear Performance of the Lubricating Greases	2005
125	Ms.Rana Gul	Prof. Dr.S.Mustafa	Phosphate Anion Sorption by metal ions deped Iron hydroxide	2005
126	Mr.Rehmat Gul	Prof.Dr.M.Saleem Khan	Conductance Studies Polymeric Gels	2005
127	Mr.Zarshad Ali	Prof. Dr.M.Saleem Khan	Interaction of Polymers with Surfactant in aqueous solution	2005
128	Ms.Farzana Haider	Prof.Dr.Ikramul Haq	A study on the metal oxides based gas sensor	2005
129	Mr.M.Sadiq	Prof.Dr.M.Ilyas	Dehydrogenation oxidation of Alcohol Catalyzed by Platinum support on Zirconia in the liquid phase solvent free condition Part-1	2005
130	Mr.Farman Ali	Prof.Dr.M.Saleem Khan	Synthesis and Characterization of Polyimide/epoxy Nan composite material	2006
131	Ms.Fouzia Imran	Prof. Dr.Ikramul Haq	Evaluation of Gas Sensing Properties of Metal Oxides	2006
132	Mr.Tauqeer Ahmad	Dr.Iftikhar A.Awan	Flash Pyrolysis studies of Makerwal Coal	2006
133	Ms.Qamar Sultana	Prof. Dr.Abdul Naeem	Sorption Studies of Xanthane on copper Sulphid(Cus)	2006
134	Ms.Ahtaram Bibi	Prof. Dr.Ikramul Haq	A study on the antiwear properties of vegetable and mineral oil	2006
135	Mr.Abdur Rab	Prof. Dr.M.Ilyas	Cyclohexane and Cyclohexanol oxidation catalysed by Transition metal oxides at solid liquid interface	2006
136	Mr.Misbahuddin	Prof. Dr.S.Mustafa	Adsorption of Metal Cations on Iron Sulphide	2006
137	Ms.Raina Aman Qazi	Prof. Dr.M.Saleem Khan	A study on synthesis and characterization of Polymer Blends	2007
138	Mr Niamatullah	Dr.Iftikhar A.Awan	Studies of the Pyrolysis behavior and Polymers Wastes	2007
139	M.Umar Khan	Prof. Dr.M.Saleem Khan	Effect of curing agents on viscosity and mechanical behaviour of solid rocket properties	2007

140	Muhammad Humayun	Dr.Iftikhar A. Awan	Kinetics of the gas Phase Thermal decomposition of some Halogenated compound	2007
141	Ms.Shagufta Naz	Prof. Dr.Hasan.M.Khan	Radiation Dosimeter using Aqueous Dye Solution	2007
142	Abdul Shakoor	Prof. Dr.M.Saleem Khan	Ion Transport study of polyethylene oxide and polypropylene oxide based polyelectrolyte for electrochemical devices	2007
143	Mr.Khizar Hussain Shah	Prof. Dr.S.Mustafa	Removal of Chromium(III) from Aqueous solutions	2007
144	Muhammad Waseem	Prof. Dr.S.Mustafa	Cadmium Adsorption on mixed of Iron and Silicon	2007
145	Ms.Uzma Khalil	Prof. Dr.M.Saleem Khan	A studies on Binary and Ternary Polymeric Blends	2007
146	M.Saeed	Prof. Dr.M.Ilyas	Heterogeneous Oxidative Transformation of Alcohol in Liquid Phase	2008
147	Gulfam Nasar	Prof. Dr.M.Saleem Khan	Synthesis and characterization of Polyvinyl Alcohol Composites	2008
148	M.Ismail	Prof. Dr.Hasan M.Khan	Radioactivity Mapping of Kohistan Area	2008
149	Ms.Safia Tabassum	Prof. Dr.Hasan M.Khan	Evaluation of Aqueous Dye solutions as chemical	2008
150	Syed Lal Badshah	Prof.Dr.Abdul Naeem	Molecular Dynamics Simulation of Cholera Toxin A1 Polypeptide	2009
151	Rehmat Ali	Prof. Dr. M.Ilyas	Effect of Koh Impregnations Activated Carbon Prepared from Agricultural Waste Material for the Removal of organic Pollutants from Waste Water	2009
152	Muhammad Humayun	Prof. Dr.M.Ilyas	Removal of Chromium from Aqueous solution adsorption on Activated Carbon Prepared from Peanut	2009
153	Ms.Tasleem Bibi	Prof.Dr.Abdul Naeem	Electrochemical Deposition of Nickel from Nickel sulphate and Nickel Sulfamate Baths	2009
154	Mr.Azmat Ali	Prof. Dr.Hasan M.Khan	Radiation Degradation of Cr(VI) and other Toxic compounds in industrial waste water	2009
155	Muhammad Irshad	Prof. Dr.S.Mustafa	Competitive Ion Sorption studies on Iron Hydroxide(am)	2010
156	M.Naveed	Prof. Dr.M.Ilyas	Dehydrogenation/Oxidation of Alcohol Catalysed by Platinum supported on Zirconia in the liquid phase solvents Part-II Isoproponal conversion to Acetone.	2010
157	Fida Hussain	Prof. Dr.Abdul Naeem	Impact Assessment of Poor Sanitation on Ground Water in Rural Area of Peshawar	2010
158	Nawshad Muhammad	Prof. Dr.Ikramul Haq	Wear Resistance Properties of Acrylic	2011

			based Artificial Teeth and Biocompatible Acrylic Resin	
159	Sarzamin Khan	Prof.Dr.Ikramul Haq	Synthesis and characterization of Fine Particles of Azo Pigments	2011
160	Muhammad Ayaz	Dr.Fida M/Dr.A.Naeem	Estimation of Acid Rain over Peshawar City	2011
161	M.Farooq	Dr.Ikramul Haq	Wear Protection Properties of Environmentally friendly Lubricating oils.	2011
162	Naseerullah Khan	Dr.A.Naeem/Dr.Fida M.	Environmental Pollutants in and Around the City of Peshawar	21.9. 2011
163	Irfan Shah	Dr.Abdul Naeem	Competitive Sorption of Selenite and Arsenate on Iron Impregnated Activated Carbon.	23.12.2011
164	Ikramullah	Prof. Dr.M.Ilyas	Cyclohexanol Conversion to Cyclohexanon Catalyzed by ro_2 and $Y2O2/xo_2$ at temperature 200	5.4.2012
165	Arif Ali Shah	Prof.Dr.Ikramul Haq	Competitive sorption of selenite and Arsenate on Iron Impregnated Activated Carbon	20.3.2012
166	Salma Gul	Dr.Salma Bilal	Synthesis of Conducting Polymer Via inverse emulsion Polymerization by using mixture of chloroform and 2-butanol as a novel dispersing medium	12.2.2012
167	Abdul Malik	Prof. Dr.Ikramul Haq	A study on the Extraction of Silica from the Rice Husk Ash	13.2.2012
168	Ubaid-ur-Rehman	Prof.Dr.H.M.Khan	Decontamination of Pulp and Paper Mill Effluents by Gamma Rays	22.5.2012
169	Ms.Sadaf Tasneem	Dr.Tahira Mahmood	Effect of SiO_2 Doping on the Sintering and Electrical Properties of $LiNBO_3$ Ceramics	28.8.2012
170	Mairman Muska	Dr.Abdul Naeem	Removal of Cr(VI) from Aqueous Media by Fe_2O_3 Nanopowder	31.10.2012
171	Aziz Ahmad	Dr.M.Ilyas	The Use of Low Cost Biosorbents for the Removal of Cr(VI) from aqueous solution	27.11.2012
172	M.Sohail	Dr.Salma Bilal	Synthesis and Characterization of Polypyrrole Via Inverse Emulsion Polymerization	9.01.2013
173	Faiza Rahman	Dr.H.M.Khan	Degradation of Crystal Violet Dye in Water by Advance Oxidation Techniques.	9.01.2013
174	Afsar Khan	Dr.Abdul Naeem	Adsorption of Mn(II) Ions from Aqueous solutions on Pleurotus Ostreatus	17.4.2013
175	Azra Gul	Dr.M.Saleem Khan	Synthesis and Characterization of Polyimide/Polyimide Molecular Composites.	20.5.2013
176	Amina Javed	Dr .M.Saleem Khan	Synthesis and Characterization of Polyamide Silica Hybrid through Glycidylxytrimethox Silane	19.7.2013

177	M.Anas Khan	Dr.Jan Nisar	The Role of ionic Surfactants on the Solubilization of Cyclohexene compounds in Aqueous media	21.6.2013
178	S.M.Shah	Dr.M.Saleem Khan	Effect of Lithium Perchlorate on Rheological Mechanical and Thermal Studies of PMMA/PVC Blend	30.9.2013
179	Madeeha Aslam	Dr.Tahira Mahmood	Removal of Arsenate from Aqueous Solution on Impregnated used Tea and its Derived Activated Carbon.	22.10.2013
180	Shehna Farooq	Dr.Salma Bilal	Inverse Emulsion of O-Toluidine Doped with Deheeybenzene Sulfonic Acid	22.10.2013
181	Fouzia Parveen	Dr.Salma Bilal	Chemical Synthesis of Polypyrrole Doped with Dodecyl Benzene Sulfonic Acid	17.12.2013
182	Farmanullah Khan	Dr.Jan Nisar	Removal of Diclofenac from Water Using Advanced Oxidation Techniques.	02.01.2014
183	M.Yasir Bashir	Prof.Dr.H.M.Khan	Study of Aerosol Particulate Matter Pollution in Urban Area of Peshawar.	02.01.2014
184	Ms.Uzma Hira	Dr.Khalida Akhtar	Synthesis of Uniform Fine Particles of ZrO ₂ and Electrodeposition of Cu-ZO ₂ Nanocomposite Coating on Steel-Coating	02.01.2014
185	Sami-ur-Rahman	Dr.Salma Bilal	Analysis of the Aab-e-Shifa Spring(Hassan Abdal) and its Therapeutic Effects	20.1.2014
186	M.Sufaid Khan	Dr.Jan Nisar	Thermogravimetric Studies of Polystyrene, Polyethylene and Polyvinyl Chloride Using Commercial Mixed Oxides as Catalysts.	8.2.2014
187	Zia Ullah Khan	Prof. Dr.Ikramul Haq	Synthesis of uniform fine particles of Al ₂ O ₃ and electrodeposition of Ni-Al ₂ O ₃ nano-composite coating on steel surface.	21.8.2014
188	M.Irfan	Prof.Dr.M.SaleemKhan	Synthesis Rheology and Characterization of Poly (N-Isopropylacrylamide-co-Acrylic Acid) Microgels	28.5.2014
189	Khan Malook	Prof.Dr.Ikramul Haq	Synthesis, Characterization and Gas Sensing Properties of Uniform fine Particles of Copper(II) Oxide.	7.7.2014
190	Fawad Ahmad	Dr.Tahira Mahmood	Sorption of Mercuric Ion b y Virgin and Urea Impregnated Carbonized Wheat Straw (Triticum,Aestivum)	31.10.2014
191	Irfanullah	Prof.Muhammad Saleem	Interaction of copolymer with hexadecyle trimethyl ammonium chloride and its utility in solubilization of hydrophobic drug(Ibuprofen).	2014

192	Naila Zubair	Dr.Ikramul Haq	Synthesis, characterization and gas sensing properties of uniform fine particles of Zinc Oxide.	30.3.2015
193	Hina Khalid	Dr.Khalida Akhtar	Synthesis of Cobalt Oxide Nanoparticles for Making Gas Sensor and wear resistant Nickel-Matrix Composite Coating on Steel.	2015
194	Zahid Ali Ghazi	Prof.Dr.A.Naeem	Ion Exchange Adsorption of Cd(II) from aqueous solution by Aluminum and Titanium Oxides.	20.2.2015
195	Hajera Gul	Dr.Salma Bilal	Synthesis, characterization and Gas Sensing Properties of Uniform Fine Particles of Zinc Oxide.	9.4.2015
196	Muhammad Gul	Dr.Khalida Akhtar	Synthesis and characterization of nano-structured chromium and alluminium doped manganese ferrite particles.	2015
197	Momin Khan	Prof.Dr.Hasan M.Khan	Quality assessment of drinking water of district Lakki Marwat, Khyber Pakhtun Khwah(KPK).	2015
198	Salma Bibi	Dr.Salma Bilal	Density functional theory based study of poly(o-Aminophenol) as a potential candidate for ammonia gas sensor.	2015
199	Sania Bibi	Dr.Salma Bilal	Density functional theory based characterization of homo and co-oligomers of o-phenylenediamine and O-toluedine comparison with recent experimental data.	2015
200	Syed Sajjad Ali Shah	Dr.Khalida Akhtar	Synthesis, characterization and application of uniform nano particles of manganese oxide.	2015
201	Noureen Amir Khan	Dr.Tahira Mahmood	Amino Functionalized Activated Carbon as an Efficient Adsorbent for Removal of Pb(II) and Ni(II) from Aqueous Solutions.	2015
202	Ayesha Afridi	Prof.Dr.M.Saleem Khan	Preparation and properties of temperature / pH responsive microgels.	2015
203	Mudassir Iqbal	Dr. Jan Nisar	Kinetics of thermal decomposition of levofloxacin under isothermal and non-isothermal conditions.	2015
204	Fayaz Ali	Prof.M.Saleem Khan	Efficient removal of carbamazepene from aqueous solution using advanced oxidation techniques.	2015
205	Muhammad Imran Gulistan	Dr.Tahira Mehmood	Biosorption of chromium(VI) on	2015

			pleurotus(Mashroom) and its derived activated carbon.	
206	Muhammad Arif	Dr.Salma Bilal	Synthesis, characterization and rheological study of polyaniline-poly(ethylene oxide) composites.	2015
207	Saeeda Bibi	Dr. Tahira	Adsorption behavior of Hg(II) from aqueous solutions using raw and manganese oxide impregnated coal.	2015
208	Jehangeer Khan	Prof.H.M.Khan	Degradation of acid yellow 17 dye by Fenton and Fenton – like process : A comparative study.	2015
209	Inamullah	Prof.M.Saleem Khan	Thermo – Catalytic Degradation of commingled low density Polyethylene waste to form products having fuel value.	2015
210	Fazal Hadi	Prof.Hasan M.Khan	Radiation induced degradation of paracetamol in aqueous media.	2015
211	Ghulam Ali	Dr. Jan Nisar	Study of bottled mineral water for contamination of acetaldehyde using solid phase extraction and gas chromatography.	2015 , Xv, 96p.
212	Muhammad Zar Ashiq	Prof.Dr.H.M.Khan	Comparison of solid phase and liquid-liquid extraction techniques for recovery and quantification of opiates.	2016 , Xv, 84p.
213	Ms Shah Zareen	Prof.Dr.A.Naeem Khan	Comparative adsorption studies of methylene blu onto oxides and binary mixed oxide of aluminum and iron.	2016 , Xi, 90p.

The remaining M.Phil Scholar Thesis list for uploading on the centre website.

S.No	Scholar Name	Supervisor Name	Thesis Title	Year
214	Abid Hussain	Dr. Khalida Akhtar	Synthesis of calcium carbonate uniform particles & their use as performance improvement additive to commercial lithium based grease.	2016 Xiii, 75
215	Ihtisham Wali	Dr. Abdul Naeem K.	Catalytic conversion of spent frying oil into biodiesel over raw & 12-tungstophosphoric acid modified clay.	2016 Viii,69
216	Mehnaz Bibi	Dr. Salma Bilal	Synthesis & electrochemical properties of polyaniline & tungsten trioxide composites.	2016 Ix, 61
217	Rameez Razaq	Dr. Jan Nisar	Biodiesel production from jatropha oil using plain & various impregnated bone ash as catalysts.	2017 Xi, 96
218	Shah Zaman	Dr. Abdul Naeem K.	Biodiesel production from waste cooking oil using acid modified local clay as heterogeneous catalyst.	2017 Ii, 65
219	Wahidullah	Dr. Salma Bilal	Preparation of Non-enzymatic glucose sensor based on polyaniline-copper-nickle nanoparticles composite.	2017 Xii, 69
220	Juma Sahar	Dr. Abdul Naeem K.	Comparative adsorption studies of grapheme oxide towards the removal of Rhodamine B & congo red dye.	2017 Xv, 120
221	Sobia Kausar	Dr. Salma Bilal	Potentiodynamic deposition of sulphuric acid & dodecyl benzene sulfonic acid doped polyaniline & its application as uric acid sensor.	20107 Viii, 61
222	Ikramullah	Dr. Tahira Mahmood	Dithizone modified silica & mixed oxide of silicon & iron as mesoporous adsorbents for Cd (II) removal from aqueous solutions.	2017 Xii, 100
223	Adil Jehan	Dr. Salma Bilal	Evaluation of various properties of polyaniline, synthesized via inverse emulsion polymerization at different temperatures.	2017 Xvi, 63
224	Abdul Raziq	Dr. Muhammad Tariq	Electrochemical oxidation of glucose on bare & Cu-Ni/TiO ₂ Nanoparticles modified glassy carbon electrode.	2017 Xi, 66
225	Mehwish Shah	Dr. M. Saleem Khan	Investigation & fabrication thin films of polymeric gels for multisensing applications.	2017 Xvi, 138