

**Subject : List of Projects/Theses on Textile Processing at NTU Library**

**August 9, 2016**

<u>circnum</u>	<u>PublDate</u>	<u>Author</u>	<u>Title</u>
PRO 001	1985 (session)	Mustafa Mohd Saleh Abu-Aisheh	Polyester polymerization manufacture properties and uses /
PRO 002	1982-1986 (	Abdul Wahid	Printing of cotton curtains on R.D. IV rotary screen printing machine /
PRO 003	1982-1983. (	Nadeem Saif	Fire retarding and water proofing of textile materials /
PRO 004	1985-1989 (	Shawkutali Caunhye	Preparation, dyeing, printing and finishing of knitted goods /
PRO 005	1988-92 (	Muhammad Afzal Malik	Dyeing of polyester viscose woven goods with pigments /
PRO 006	1989-93(	Abdul Jabbar	Application of reactive dyes on pure cotton by pad-steam process /
PRO 007	1994 (session)	Mohammad Saeed Sheikh	Elastomeric finishes of blended (polyester/ viscos 65 :35) 34x44/84x76 fabron /
PRO 008	1990-1994 (	Mohammad Saeed Sheikh	Elastomeric finishes of blended polyester viscos 65:35 34x44/ 84x76 fabron /
PRO 009	1991-1995 (	Muhammad Yousaf	A study of preparation, dyeing, printing and finishing processes of polyester cellulosic blends and some practical work for finishing of such fabrics /
PRO 010	1992--1996 (	Irfan Baig	Dyeing and finishing of polyester/viscose blends using disperse and direct dye /
PRO 011	1992-1996 (	Samra Sharif	Application of fire retardant finish and water repellent finish on cotton & polyester/ cotton /
PRO 012	1993-1997 (	Ambreen Naz	A study of wet and dry rubbing fastness of pigment printed polyester/ cotton blended fabric /
PRO 013	1993-1997 (	Atif Ahmad	Printing of polyester cotton and their blends at textile chemistry deptt. /
PRO 014	1993-1997 (	Atif Ahmad	A thesis on polyester, cotton and their blends at textile chemistry deptt. /
PRO 015	1993-97 (	Muhammad Imran	Dyeing & finishing of polyester cotton blends /
PRO 016	1993-1997 (	Muhammad Imran	Dyeing and finishing of polyester / cotton blends /
PRO 018	1993-1997 (	Aisha Razzaq	A study of pilling propensity on polyester cotton blends 50 : 50 and application of various anti pilling techniques /
PRO 019	1989-1993 (	Bashir Asim	Application of reactive dyes on pure cotton by pad-steam process /
PRO 020	1994-1998 (	Muhammad	Testing & quality control of

PRO 021	1994-1998 (	Hassan Rauf Qureshi	textile dyed & printed fabric /
PRO 022	1994-1998 (	Hassan Rauf	Package dyeing of cotton and polyester cotton blended yarn /
PRO 023	1994-1998 (	Samreen Khalil	Printing of cotton fabric by pigment on screen printing machines /
PRO 024	1994-98 (	Ambreen Ali	Quality control, quality control system and control of textile fabrics /
PRO 025	1994-1998 (	Imran Yousuf	Dyeing & printing of polyester cotton blend (65 : 35) by various methods /
PRO 026	1994-1998 (	M. Atif	Dyeing of polyester viscose & polyester acrylic blends using disperse reactive & disperse basic combinations /
PRO 027	1994-1998 (	Muhammad Shakeel	Continuous thermosol dyeing of polyester cotton with disperse reactive system /
PRO 028	1995-99 (	Muhammad Zaheer Khan	Pretreatments, dyeing & printing of cotton & p/c blend /
PRO 029	1995-1999 (	Naveed Anwer	A complete study of printing with pigments/reactive dyestuff and special effects in textile printing, W.R.T. Nishat & Crescent Textile Mills /
PRO 030	1995-1999 (	Hummayuun Rashid	To compare the color yield, economy and ecology of 100 % cotton fabric dyed with control and conventional continuous processes using reactive dyes /
PRO 031	1995-1999 (	Imran Qaiser	Effects of different auxiliaries on dyeing of polyester cotton blend 65:35 on pad thermosol machine by disperse reactive system /
PRO 032	1995- 1999 (	Maryam Riaz Qazi	Study and comparison of properties of thickeners used for reactive printing on mercerised cotton /
PRO 033	1995-1999 (	Sitara Jabeen	The study of pretreatments, dyeing, printing & bio polishing of knitted fabrics made of cotton and polyester cotton blends /
PRO 035	1995-1999 (	Mirza M. Amjad Baig	Processing faults in woven & knitted fabrics /
PRO 036	1996-2000 (	Idrees Ahmed	Effect of diazo component on the tone and fastness properties of cyanuric chloride based reactive dyes containing h-acid and nmj acid /
PRO 037	2000.	Adnan Mirza	Modification of dye-fibre system to enhance reactive dyeing /
PRO 038	1997-2001 (	Faheem Akhtar	Faults in knitwear processing /
PRO 039	1997-2001 (	Khalid Latif	Comparison and behaviour of trifunctional dyes on continuous dyeing /
PRO 039	1997-2001 (	Wajeeha Anwar	Shrinkage control in knitting /

PRO 040	1997-2001 (	Waqas Saeed	Study of application of polycarboxylic acid as dp finish and its evaluation /
PRO 041	1996-2000 (	Farhan Ghulam Rasul	Effect of water hardness on dyeing properties /
PRO 042	1997-2001 (	Mr. Abdul Hafeez	To study the effect of substitution on phenyl azo group of the 1-phenyl, 3-methyl, 5-pyrazolone 4-phenyl azo disperse dyes /
PRO 043	1997-2001 (	Hafiz Muhammad Ali Jan	A thorough study of knitwear dyeing /
PRO 044	1997-2001 (	Hussain Afzal	Single stage pre-treatment ( desizing, scouring and bleaching) of pure cotton by pad steam continuous method /
PRO 045	1997-2001 (	Muhammad Zia Uddin	Synthesis of Dichloro, monochloro, vinylsulphone and bifunctional dyes and comparison of their properties in continuous dyeing /
PRO 046	1997-2001. (	Azhar Hussain	Effect of resin finishing on reactive and vat dyed fabrics /
PRO 047	1991-1995 (	Muhammad Yousaf	A study of preparation, dyeing, printing and finishing processes of polyester/ cellulosic blends and some practical work for finishing of such fabrics /
PRO 048	1992-1996 (	Humera Noor	Metal printing and flock printing on 100% pure cotton cloth /
PRO 049	1996-2000 (	M. Bilal Tariq	Study of reactive dyestuff fixation processes in printing on mercerized cotton /
PRO 050	1996-2000 (	Miss Ghazala Baig	Study of burn out style of printing and all factors related /
PRO 051	1998-2002 (	Raheel Safdar	Study of solomatic process /
PRO 052	1998-2002 (	Farhan Saleem	Comparison of different reactive dye brands on 100 % cotton in continuous process /
PRO 053	1998-2002 (	Majid Latif	Optimization of machine condition & recipe in continuous dyeing of cellulosic fabric on pad steam machine with reactive dyes /
PRO 055	1998-2002 (	Anwar ul Aleem	The optimization of dyeing recipes and machine parameters for the dyeing of cellulosic fabrics by continuous method using reactive dyes on pad thermosol /
PRO 056	1998-2002 (	A. Malik Rehan Abbasi	A study of effect of electrolytes on pigment printing using acrylic based thickener /
PRO 057	1998-2002 (	Usman Arshad Malik	Study and comparison of lyocell (tencel) with cotton and viscose rayon with special emphasis on it's dyeing properties and continuous dyeing of lyocell/

PRO 058	1998-2002	(	Athar Shahzad Qureshi	cotton blends / To study the effect of different parameters regarding pretreatments on reproducibility in D G of 100 cotton and P C blend /
PRO 059	1998-2002	(	Anwar ul Aleem	The optimization of dyeing recipes and machine parameters for the dyeing of cellulosic fabrics by continuous method using reactive dyes on pad thermosol /
PRO 060	1999-2003	(	Muhammad Irfan Iqbal	A thesis on optimization of reduction and oxidation in continuous dyeing of 100% cotton using vat dye-stuff /
PRO 061	1999-2003	(	Nadir Aslam	Process design & substrate enhancement for quality optimization in a dye house for dyeing of cotton with reactive systems /
PRO 062	1999-2003	(	Mohammad Ali	To study the effects of variables on the continuous dyeing of polyester cotton blended fabrics with disperse and reactive systems /
PRO 063	1999-2003	(	Muhammad Asif Khan	Subjective evaluation of reactive dyes W.R.T. their suitability in continuous dyeing on 100% cotton fabrics /
PRO 064	1999-2003	(	Malik Muhammad Farooq	Study of continuous dyeing of PC 50:50 (work wearing fabric) using vat dyes and disperse dyes combination /
PRO 065	1999-2003	(	M. Sufian Akhtar	Detailed study of printing woven cotton fabrics with vat dyes /
PRO 066	1999-2003	(	Ihtasham Elahi	Continuous thermosol dyeing of p/c polyester cotton with disperse reactive system /
PRO 067	2001-2005	(	Zeeshan Baber	Structure modification of cotton by polymerizing acrylamide on cotton before reactive dyeing /
PRO 068	2001-2005	(	Mohammad Akmal	Application of various kinds of softeners (cationic and non-ionic) on 100 dyed cotton and study have various parameters /
PRO 069	2001-2005	(	Mohammad Ali Mirza	Application of various kinds of softeners (cationic and non-ionic) on 100 bleached cotton and to study the variation between different parameters /
PRO 070	2001-2005	(	Zeeshan Qamar	Determination of optimum ratio between b- cyclodextrin and hetero-bifunctional reactive dye, at which maximum fixation occurs, for bleached cotton fabric by pad-thermosol method /
PRO 071	2001-2005	(	Naveed Bashir	Effect of dap and modified melamine resin on the fire-retardant behavior whiteness and

PRO 072	2001-2005	(	Aamir Iqbal	bursting strength of 100% cotton knitted fabrics / Structural modification of guar gum /
PRO 073	2001-2005	(	Muhammad Sohail Afzal	Structural modification of cotton with n-methylol acrylamide prior to pigment dyeing by pad-dry-cure technique on pad-thermosol machine /
PRO 074	2001-2005	(	Imran Iftikhar	Structural modification of guar gum /
PRO 075	2001-2005	(	Muddassar Hassan	Printing with vat dyes on 100 % bleached cotton fabric /
PRO 076	2001-2005	(	Rana Muhammad Shoaib	Burn out style of printing at textile chemistry department /
PRO 077	2001-2005	(	Muhammad Ali	Modification of starch by n-methylol acylamide to improve the durability of starch, applied to cotton by pad-thermosol method /
PRO 078	2001-2005	(	Atique Ahmad	Structure modification of cotton by using polyacrylamide before salt free reactive dyeing /
PRO 079	2001-2005	(	M. Rahan Saleem	Desizing, scouring & bleaching of 100 cotton at different humidity levels, time & dry temperature /
PRO 080	2001-2005	(	Muhammad Umer Rehman	The application of resins on different substrates by changing parameters like time temperature concentration & routes & after application studying the behavior of resins on fabrics /
PRO 081	2001-2005	(	Umar Sajjad	Effect of bleaching on different qualities of woven fabric and on their properties /
PRO 082	2002-2006	(	Faisal Rehman	To study the properties of fabric (p/c) pretreated and dyed (disperse/reactive) using different pretreatment and dyeing routes /
PRO 083	2002-2006	(	Tanzeel Qamar	To reduce/minimize pilling on p/c fabric by the application of different physical and chemical finishing methods /
PRO 084	2002-2006	(	Rauf Ahmad	To study the properties of fabric (p/c) pretreated and dyed (disperse/reactive) using different pretreatment and dyeing routes /
PRO 085	2002-2006	(	Naveed Shoukat	To compare different softness applied by one bath and tow bath process with pigment dyeing on p/c blend fabric /
PRO 086	2002-2006	(	Muhammad Amir- ul-Sibtain	Structural modification of fabric with n-methylol acrylamide and ammonia for pigment dyeing and comparison between treated and un-treated fabric with respect to color

PRO 087	2002-2006 (	Sadia Fazal	strength / Comparison of dyeability of different cotton varieties /
PRO 088	2002-2006 (	Shahzad Sohail	To observe the effect on color yield and fastness properties of 100 % bleached cotton fabric dyed with different bi-functional reactive dyes at different humidity and temperature conditions /
PRO 089	2002-2006 (	Malik Imran Awan	Comparison of bio pretreatment and conventional pretreatment process and observe the fastness properties of bio pretreated and conventional pretreated 100% cotton fabric after reactive dyeing by one bath pad-dry-thermofix process /
PRO 090	2002-2006 (	Farrukh Imtiaz	A study of woven fabric defects in textile wet processing using British & ASTM Standards /
PRO 091	2002-2006 (	Kashif Ali Sajid	A study of the effect of chemical finishes on the properties of dyed fabric /
PRO 092	2002-2006 (	Hammad Arshad Cheema	Study of the factors controlling stability of silicone softeners /
PRO 093	2002-2006 (	Ali Raza Ashfaq	A comparison of oil and water repellent finishes provided by different manufacturers by applying on 100 % bleached cotton /
PRO 094	2002-2006 (	Imran Hameed	Wet processing textile machinery /
PRO 095	2002-2006 (	Ihtsham-ur-Resheed	Application of non durable flame retardant & durable soil soil release finish on PC blended fabric /
PRO 096	2002-2006 (	Adnan Pervaiz	A study of the reasons and remedies of poor lab-to bulk reproducibility in continuous dyeing /
PRO 097	2002-2006 (	Muhammad Umar Sial	To observe the properties of 100 % bleached cotton fabric dyed with reactive dyes having different mono-functional group at different humidity and temperature conditions /
PRO 098	2001-2005 (	Abdul Qadir Dar	To study the effect of mercerization on 100 % cotton fabric /
PRO 099	2002-2006 (	Waseem Hassan Raja	Study the flammability of different flame retardants and optimization of recipe /
PRO 100	2002-2006 (	Rashid Ali	To compare the fastness and physical properties of reactive and pigment dyeing on 100 % cotton bleached /
PRO 101	1992..	Muhammad Zubair	Main chain liquid crystalline polyethers based on

PRO 102	1994.	Muhammad Zubair	conformational isomerism / Several synthetic approaches towards the isochroman system 7-methyl 3- isopropyl 8- methoxy 6-benzyloxyisochroman /
PRO 103	1990..	Muhammad Tahir Hussain	Adsorption studies of europium on manganese dioxide from binary mixtures /
PRO 104	2000.	Muhammad Tahir Hussain	Synthesis of some biologically active naturally and non-naturally occurring isocoumarins and 3,4-dihydroisocoumarins /
PRO 105	1996.	Shazia Muzaffar	Chemical analysis of acetaminophen (paracetamol) in blood of male volunteers /
PRO 106	2000.	Shazia Muzaffar	Preparation characterization and application of pyrazolone based pigments /
PRO 107	1995-1997 [	Syed Fakheem Naqvi	Study of O-(Pyrazol-1-Yl) benzoic acid as a gravimetric reagent /
PRO 108	1999-2000 [	Syed Fakheem Naqvi	Manufacturing and process control of paracetamol /
PRO 109	2004.	Tanveer Hussain	A knowledge-based expert system for the dyeing of cotton /
PRO 110	2002-2006 (	Ali Raza Ali	A comparison of pad-steam and pad-Dry-Chemical pad-steam methods for dyeing 100% cotton fabric with vat dyes /
PRO 111	2003-2007 (	Faisal Bashir	Application of disperse and vat dyes on PC blended (50:50) fabric at different stages and compare their properties /
PRO 112	2003-2007 (	Nasir Sarwar	The study of overall equipment effectiveness (OEE) in selected textile mills /
PRO 113	2003-2007 (	Ahsan Nazir	A study of the effects of wet processes on fabric GSM /
PRO 114	2003-2007 (	Aisha Bawood Khan	A study of reactive print fixation at different humidity levels and its effect on spectrophotometric and color fastness properties /
PRO 115	2003-2007 (	Ansa Batool Chadhar	To dye polyester in PC blended fabrics with disperse dyes at different stages of pre-treatment and to observe its fastness properties /
PRO 116	2003-2007 (	Hafiz Affan Abid	To dye 100% cotton fabric with different continuous processes using reactive dye and study their effect on color yield and fastness properties /
PRO 117	2003-2007 (	Hafiz M. Asghar	Study under the head of process costing for per meter cost analysis /
PRO 118	2003-2007 (	Mahsum Nasim	Effect of resin finishing on the percentage elongation and recovery properties of 100%

PRO 119	2003-2007 (	Mateen Bin Tariq	cotton fabrics / Effect of salck mercerization on percentage elongation and percentage recovery of selected 100% cotton fabrics /
PRO 120	2003-2007 (	M. Aslam Qaisrani	Comparison of different flame retardant chemical finishes of different brands on 100% cotton with 20 washes /
PRO 121	2003-2007 (	M. Irfan Alvi	To study the hardness or water due to cotton and its effect on absorbancy of a bleached cotton fabric /
PRO 122	2003-2007 (	M. Mohsin Malik	To study the properties of knitted (p/c) pretreated and dyed (disperse/reactive) using different pretreatment and dyeing routes and compare their results /
PRO 123	2003-2007 (	M. Nazir Shahid	Comparison of one-bath and two-bath dyeing of polyester/cotton blended woven fabric /
PRO 124	2003-2007 (	M. Sajid Faheem	One bath pigment dyeing and resin finishing of PC fabric and the effect of recipe/condition variations on the properties of final finished fabric /
PRO 125	2003-2007 (	Hafiz Naveed Usman	To study the shrinkage properties of 100% cotton fabric printed through combine resin finishing and pigment printing technique /
PRO 126	2003-2007 (	Sidra Yaqoob	To study the effect of different curing boosters on the performance of commercially available melamine formeldehyde based vreuse resistant finishes /
PRO 127	2003-2007 (	Usama Hafeez	To study and compare the techniques involved i the processing of cotton and cotton/ lycra blended fabrics and to study the effect of these techniques on physical properties of both fabrics /
PRO 128	2003-2007 (	Sadia Mushtaq	Exhaust dyeing of polyester in polyester/cotton blended fabrics with disperse dyes at different pretreatment stages and to observe fastness properties /
PRO 129	2003-2007 (	Khurram Shahzad	A study of the catalytic damage of cotton fabric in textile bleaching /
PRO 130	2003-2007 (	Adeel Khalid	A study of printing and recipe optimization of 100% polyester fabric using different fixation conditions /
PRO 131	2003-2007 (	Sahid Mahmood Ali	Comparison between the conventional water & oil-repellent finishing and nano-



PRO 132	2003-2007	(	Asad khan Kirmani	water-& oil-repellent finishes / Spectrophotometric analysis and study of fastness properties of reactive printed 100% cotton fabric (using dry heat for fixation) /
PRO 133	2003-2007	(	Jamshaid Murtaza	To study the comparison of different enzymes combinations in a single bath treatment /
PRO 134	2003-2007	(	Sheikh Maratab Ali	Dyeing of denim fabric by using the rope dyeing method /
PRO 135	2004-2008	(	Muhammad Zubair Anwar	Dyeing of polyester/cotton blended fabrics with pigments /
PRO 136	2004-2008	(	Usman Zubair	Single bath combined pretreatments of cotton textiles using enzyme system and bleaching systems simultaneously & comparison of alkaline and acidic pad batch desizing and bioscouring followed by bleaching /
PRO 137	2004-2008	(	Bilal Saeed	Optimization of one bath pigment dyeing and durable press finishing of cotton fabric /
PRO 138	2004-2008	(	Adeel Ajmad	Development of low cost indigenous flame retardant finish for cotton fabric /
PRO 139	2004-2008	(	Saqib Shafique	Approaches to dye polyester/ cotton blended fabric in one bath through cotton fiber modification using disperse/ reactive dyes /
PRO 140	2004-2008	(	Waqar Jamil	One step-sizing, scouring and bleaching of cotton bamboo blend and optimization of the process /
PRO 141	2004-2008	(	Arbab Skunder	One bath dyeing and durable press finishing of 100 % cotton fabric using different reactive dyes and dmdheu resin /
PRO 142	2004-2008	(	Waqar Hassan	To impact properties of crease retention, oil and water repellency, wrinkle free and stain release on 100% cotton fabric /
PRO 143	2004-2008	(	Abdul Wahab	To improve the fastness properties of henna dye (natural dyes) using binder and resin treatment /
PRO 144	2004-2008	(	Muhammad Bilal Umer	To minimize the strength loss by using different resin finishing techniques /
PRO 145	2004-2008	(	Hassan Tariq	To study the effect of cationization on shade depth and fastness properties of different reactive dyes on bleached cotton /
PRO 146	2004-2008	(	Saba Zia	To study the effect of urea on light fastness and shade depth of reactive dyes with respect to

PRO 147	2004-2008	(	M. Muzammal Mazhar	different reactive and chromophoric systems / Comparison between the printing properties of cationised cotton using different cationising agents and reactive dyes with different chemistry /
PRO 148	2004-2008	(	Qaisar Mehmood	Identification of pollutant sources of textile wet processing units /
PRO 149	2004-2008	(	M. Adnan Saleem	To study the effect of water hardness on shade strength of reactive dyed knitted cotton fabric using bi-functional & vinyl sulphone reactive systems /
PRO 150	2004-2008	(	Arsalan Ahmed	Assessment of color difference in cotton knitwear fabric made from ring and compact-spun yarn after dyeing /
PRO 151	2004-2008	(	Ghulam Abubakar	Cationization of cotton to improve the shade depth and fastness properties of direct dyes /
PRO 152	2004-2008	(	Ahmed Zulfiqar	Dyeing of cationized cotton fabric with reactive dyes by pad-dry-cure method /
PRO 153	2004-2008	(	Mohsin Javaid	Optimization of parameters of heat setting of lycra containing cotton knitted fabric and study its effects of fabric characteristics /
PRO 154	2004-2008	(	Roheel Sabar	Comparison between the fastness properties of pigment prints on cationised cotton using different cationising agents /
PRO 155	2004-2008	(	Ali Javaid	To minimize the strength loss of fabrics by using different resin finishing techniques /
PRO 156	2004-2008	(	Ehsan Bajwa	To study the effect of different softeners in pigments dyeing on 100% cotton /
PRO 157	2004-2008	(	Muhammad Asif	Recipe optimization for resin finishing on 100% cotton /
PRO 158	2004-2008	(	Kalb-e-Raza	Antimicrobial properties of cotton fabric dyed with direct dye and a copper salt /
PRO 159	2004-2008	(	Mohammad Farooq	The study of lab to bulk reproducibility in continuous dyeing process /
PRO 160	2003-2007	(	Muhammad Mujahid Iqbal	To study the effect of water and oil repellent finishes and soil release finishes on 100 % dyed cotton fabric properties /
PRO 161	2004-2008	(	Ali Imran Mallhi	Simultaneous desizing and bleaching of grey cotton fabric using K <sub>2</sub> S <sub>2</sub> O <sub>8</sub> /
PRO 162	2004-2008	(	Muhammad Khalil Azhar	Noise estimation in a textile mill and its comparison with international standards /

PRO 170	2004-2008 (	Majid Ali	Effect of different resins on physical properties of PC fabric /
PRO 171	2002-2009 (	Muhammad Zubair	Design report on textile wastewater treatment plant 3000 m <sup>3</sup> /day using advanced oxidation process /
PRO 172	1994 (session)	Sabir Ali Rana	Cellulose treatments on cotton fabrics /
PRO 173	2010 (session)	Farooq Rauf	Effect of different finishing treatments on pilling properties of PC satin fabric /
PRO 174	2010 (session)	Ali Saeed	Formulation of semi durable flame retardant finish for cellulosic fabrics /
PRO 175	2010 (session)	Amna Siddique	Comparison of properties of microwave and conventional dyed polyester and acrylic fabrics /
PRO 176	2010 (session)	Aneel Kumar	Study of the process parameters of denim dyeing and finishing /
PRO 177	2010 (session)	Bilal Afzal	Problems in rope opening at re-beaming after rope dyeing of denim warp /
PRO 178	2010 (session)	Bilal Haider Buttar	Comparison of liquid and powder indigo in denim /
PRO 179	2010 (session)	Bilal Nazir	Optimization of parameters of bio-polishing for super-softness on bleached cotton fabric & gentle stonew
ash/fading effect			
PRO 180	2010 (session)	Siddique Rizvi, Hafiz	on denim fabric / Study the flammability & effects of flame retardant finishing on properties of fabric /
PRO 181	2010 (session)	Imran Mehmood	Development of framework to avoid defects in continuous dyeing caused by immature cotton fibers /
PRO 182	2010 (session)	Kamran Ahmad	Pigment printing of pre resin padded cotton /
PRO 183	2010 (session)	Mohsin Ali	A study of pre-pigmentation process by varying different concentrations of vat dye in the dye bath & chemical bath /
PRO 184	2010 (session)	Muhammad Junaid Khan	Comparison of resin finishing by pad-dry-cure and pad-dry-wash-top soft methods /
PRO 185	2010 (session)	Mohammad Masood	Problems in rotary screen printing of textile fabrics /
PRO 186	2010 (session)	Malik Muhammad Umair	Simultaneous application of resin and optical brightening agent on bleached cotton fabric /
PRO 187	2010 (session)	Shakeel Saeed	Wrinkle recovery of cotton with citric acid /
PRO 188	2010 (session)	Muhammad Wasim Arif	Effect of pre. and post caustic treatment on printing of 100% polyester fabric with disperse dyes /
PRO 189	2010 (session)	Muneeb Usman	Simultaneous application of

PRO 190	2010 (session)	Asim Raza, Rana	multiple finishes on 100% cotton fabric / The effect of various softeners on different properties of a pigment dyed 100% cotton fabric /
PRO 191	2010 (session)	Usman Tariq	Improving the rubbing fastness of pigment dyed polyester/cotton blended fabrics /
PRO 192	2010 (session)	Summar Waheed	Cycle-time reduction for pretreatment and dyeing of polyester/cotton knitted blends /
PRO 193	2009 (session)	Kashif Naveed	Effects on properties of different fabrics by applying resins at different parameters /
PRO 194	2009.	Abdul Basit Jilani	Atmospheric dispersion and consequence modeling of radiological emergencies /
PRO 195	2006-2010 [	Abubakar Zafar	Recipe optimization of reactive disperse printing for PC blended fabric /
PRO 196	2006-2010 [	Muhammad Umar Haider	Application of nano silver based antibacterial finish on P/C bleached and dyed fabric /
PRO 197	2010.	Tanveer Hussain	Influence of cationisation of cotton on the properties of pigment dyed fabric /
PRO 198	2006-2010 [	Muhammad Afzaal Sadiq	Effect of different catalysts, softeners, urea and curing methods in crease recovery finishing /
PRO 199	2010.	Shahid Raza	Recipe optimization of vat disperse printing for PC blended fabric /
PRO 200	2006-2010 [	Abdul Rehman Ghori	One bath one stage bleaching of cotton wool blend /
PRO 201	2010.	Adnan Latif	Effect of different flame retardants on 100% viscose rayon properties /
PRO 202	2010.	Afzal Ahmad	Combine application of flame retardant and antimicrobial finishes by using the synthetic and natural reagents /
PRO 203	2010.	Aisha Rehman	Improving the durability of mosquito repellent finish on 100% cotton fabric /
PRO 204	2010.	Anam Shafique	Impact of enzyme and stone washing on denim fabric properties and their comparison /
PRO 205	2006-2010 [	Asad Jamal	Effect of using natural and synthetic anti migrants in continuous dyeing of cotton with reactive dyes /
PRO 206	2010.	Aisha Aziz	Dyeing and printing of camouflage fabric /
PRO 207	2010.	Faizan Shafique	Effect of chitosan on flame retardant and wrinkle recovery finish on 100% cotton /

PRO 208	2010.	Imran Anwar	Improving the softness, fluffiness and absorbency of cotton towels made from open end & ring spun yarn /
PRO 209	2010.	Irfan Jamil	Comparison between one-step and two-step dyeing of polyester/viscose blended fabric of different blend ratio and to check its pilling and fastness properties /
PRO 210	2006-2010 [	Jabir Hussain	Value addition of denim by coating /
PRO 211	2010.	Jawad Ali	Simultaneous application of flame retardant and water repellent finish on the 100% cotton fabric /
PRO 212	2010.	Kamran	Comparative study of sodium alginate and guar gum in acrylic printing with basic dye /
PRO 213	2006-2010 [	Kashif Usman	The production of self cleaning fabrics by the application of chemical finishing /
PRO 214	2010.	Mishaal Akram	Designing a robust process for improvement in Lab to bulk reproducibility of reactive dyeing of 100% knitting cotton fabric by exhaust method /
PRO 215	2006-2010 [	Mubashir Raza	Comparison of cotton dyeing using reactive dyestuff on stenter and thermosol range /
PRO 216	2010.	Muhammad Ahsan	Effect of bio-polishing on reactive dyed fabric /
PRO 217	2010.	Muhammad Farooq Zia	Application of aromatic oils as antimicrobial finish on 100% bleached cotton fabric /
PRO 218	2006-2010 [	Muhammad Fiaz	Comparison of the silver, zinc and copper nano particles properties on 100% cotton fabric /
PRO 219	2010.	Muhammad Kashif Hayat	To improve the durability of flame retardant finish on polyester cotton blended fabric /
PRO 220	2010.	Muhammad Umair Khan	Chitosan treatment effects on cotton dyeability with reactive and direct dyes /
PRO 221	2010.	Muhammad Uzair Butt	How to control environmental effects on indigo dyeing of denim /
PRO 222	2010.	Rabia Riaz	Enzymatic pre-treatment of woven cotton fabrics by exhaust method /
PRO 223	2010.	Syed Medhi Shah	To study factors affecting back-staining in denim /
PRO 224	2006-2010 [	Shahrukh Shahbaz	Effects of simultaneous application of flame retardant and anti-microbial finish on the properties of cotton fabric /
PRO 225	2010.	Sharjeel Abid	A study of simultaneous fixation of reactive dye printing and

PRO 226	2010.	Syed Ahmad Waqar	crease recovery finishing on cotton fabric / Uniform and dyeing of cordura and analysis of different auxiliaries and parameters on color fastness properties and shade depth of cordura /
PRO 227	2006-2010 [	Tanveer Ahmad	Comparative study of the effect of organic solvent on the dyeability of reactive & direct dyeing /
PRO 228	2006-2010 [	Umar Farooq	Cost and toxicity reduction of nano-silver finishes /
PRO 229	2010.	Usama Iftikhar	Acrylic bleaching and whitening /
PRO 230	2010.	Waqas Mustafa	One bath pigment dyeing and water repellent finishing of 50/50 PC fabric /
PRO 231	2010.	Yasmin Iftikhar	Improvement of durability of fragrance finish on 100% cotton fabric /
PRO 232	2010.	Zahid Latif	Effect of resin application on dimensional stability and strength of denim garments /
PRO 233	2006-2010 [	Zain Ul Islam	A study of effect of cellulose enzyme treatment on mercerization and dyeing properties of 100% woven and knitted cotton fabric /
PRO 234	2010.	Ali Asghar	Enzymatic pre-treatments of woven cotton fabric by pad-batch and pad-steam method /
PRO 235	2010.	Shahid Mehmood	Combined pigment printing & crease recovery finishing of 100% cotton /
PRO 236	2006-2010 [	Zulfiqar Ali	Comparison of natural and synthetic anti migrants in continuous dyeing of 100% polyester /
PRO 237	2010.	Shahid Mehmood	Effect of commercially available domestic detergents on soil removal, color and strength properties of dyed and printed fabric /
PRO 238	2011.	Rizwan Nasir, Engr.	Enhancement of heat transfer in cross flow heat exchanger /
PRO 239	2007-2011(	Ali Zaman	One bath pigment dyeing and finishing of PC work-wear fabrics:
PRO 240	2007-2011 (	Muhammad Nadeem Zia	Effect of different auxiliaries and process parameters on color fastness properties and shade depth in uniform continuous dyeing of cordura fabric
PRO 241	2007-2011 (	Aamir Abbasi	Retention of 3D'S by using low temperature resin and its effect on tear strength and crease recovery angle
PRO 242	2007-2011 (	Abdul Rehman	Energy economization and recipe optimization by low temperature

PRO 243	2007-2011 (	Ali Hasnain	bleaching using activators To study the effect of cellulose enzyme and caustic treatment on moisture management properties of 100% cotton and polyester-cotton blended fabric:
PRO 244	2007-2011 (	Bahar Hussain	Study of effect if different washes in denim performance properties and their co-relation
PRO 245	2007-2011 (	Deear Ali	Recipe optimization of vat printing on steaming ager by using different chemicals on 100% cotton
PRO 246	2007-2011 (	Fawad Ali	Effect of different oil stain removers on the dyeing quality of cotton fabric
PRO 247	2007-2011 (	Hafiz Muhammad Safdar Rehman	Application of different commercially used resins on denim and evaluation of their properties:
PRO 248	2007-2011 (	Hamza Shafique	pigment dyeing of polyester/cotton blended fabrics by exhaust method:
PRO 249	2007-2011(	Irfan Akbar	Performance properties of anti-microbial finishes on 100% woven cotton fabric
PRO 250	2007-2011(	Mohsin Anwar Butt	An eco-friendly approach to enhance dyeing and functional properties of cotton woven fabric
PRO 251	2007-2011 (	Mohsin Rasheed	Work on Improvement on fastness properties of pigment printing using combination of binders:
PRO 252	2007-2011 (	Muhammad Naveed	Application of antimicrobial and anti-mosquito finishes on cellulosic substrate:
PRO 253	2007-2011 (	Qaiser Javaid.	Recipe optimization of hand building finishes to enhance durability:
PRO 254	2007-2011 (	Shahzad Qamar	Comparison of different pigment dyeing systems different substrates dyed with best pigment dyeing system
PRO 255	2007-2011(	Wasim Waheed	Pigment dyeing of 100% cotton and p/c blend through different pad dyeing methods
PRO 256	2007-2011 (	Muhammad Waqas Amjad	Effect of comcentration of titanium dioxide on the crease recovery finishing:
PRO 257	2008-2012 (	Azeem Ullah	The study the effect of binder type and application method on washing durability of mosquito repellent finish /
PRO 258	2008-2012 (	Mohsin Naveed	Effect of different oil stain removers on the dyeing quality of viscose fabric /
PRO 259	2008-2012 (	Hassan Waleed	Dyeing of 100% polyester fabric with natural dyestuff [turmeric] by using exhaust and continuous methods /

PRO 260	2008-2012	(	Affan Waqar	Development in surgical drapes for medical applications /
PRO 261	2008-2012	(	Ali Husnain	Optimization of heat setting parameters to control shrinkage of cotton/lyera blended fabric /
PRO 262	2008-2012	(	Faiza Anwar	Development of surgical gown with improved properties /
PRO 263	2008-2012	(	Imran Ahmad Khan	Development of thermo-regulating fabric using poeethylene glycol 1000 as a pahse change material /
PRO 264	2008-2012	(	Muhammad Sohaib Zia	To compare the fastness properties of p/c dyed fabric [ woven, knitted] by using different pre & post treatments with different shades /
PRO 265	2008-2012	(	Adeel Mazhar	A study of changes in color properties of reactive dyed 100% cotton fabric due to softener application and some other changes in physical properties /
PRO 266	2008-2012	(	Mueed Javaid	Effect of starch and silver concentrations on the characteristics of silver finishes and their application on cotton fabric /
PRO 267	2008-2012	(	Muhammad Umair Khalid	Influence of different industrial washes on the physical, aesthetic and sensory properties of denim fabric /
PRO 268	2008-2012	(	Afif Ahmed	Comparison of moisture management properties of 100% cotton fabric with moisture channels of different design and intensity /
PRO 269	2008-2012	(	Hafiz M. Osama Junaid	Effect of different types of resins on the washing fastness of fragrance and anti-bacterial finishes applies on cotton fabric /
PRO 270	2008-2012	(	Yasir Khan	Comparison of comfort properties of 100 % cotton fabric dyed with reactive dyes and pigments /
PRO 271	2008-2012	(	Azeem Akbar	Development of comfortable water repellent fabric for apparel /
PRO 272	2008-2012	(	Bilal Younas	Effect of different softners on the comfort properties of polyester/cotton blended fabric /