



UNIVERSITY OF DELHI

(दिल्ली विश्वविद्यालय)

DELHI-110007

Not. No.: Ph.D/Result/2013/12

Consequent upon the evaluation of the thesis submitted by the following candidates for the Doctor of Philosophy (Ph.D.) of University of Delhi on the topics as mentioned against his/her name and after viva-voce examination have been found qualified for the Degree of Doctor of Philosophy (Ph.D) of this University: -

Sl. No.	Enrol. No.	Name	Thesis Title
(Faculty of Arts) Department of Hindi			
90. (8940)	H-126/99	Pravin Kumar	"भारतीय मध्यवर्ग के उदय का इतिहास और हिन्दी उपन्यास (1857 से 1920 तक के ऐतिहासिक परिवर्तनों के परिप्रेक्ष्य में)"
91. (8953)	H-217/01	Santosh Kumar	"अशोक वाजपेयी की कविता का जनपद"
92. (8997)	CC/9226/98	Meera Jalan (W)	"स्वातंत्र्योत्तर बदलता समाज और मन्नु भंडारी का कथा-साहित्य"
93. (8927)	M.Phil.-45/05	Soni Prasad (W)	"नए विमर्शों के संदर्भ में रीतिकाल के पुनर्मूल्यांकन"
Department of Sanskrit			
94. (8939)	DR-118/2001	Suneyana Bhatti (W)	"Vedanga Jyotisa Ka Samiksatmaka Adhyayana"
95. (8932)	HR-845/04	Sunil Kumar	"Pancagranthi Vyakarana Ka Alocanatmaka Adhyayana"
(Faculty of Social Sciences) Department of Economics			
96. (9001)	S-158/2000	Neha Gupta (W)	"Analyses of Markets and Auctions"
Department of Geography			
97. (8925)	M.Phil.-3/05	Purva Yadav (W)	"Geographical Interpretation of Changing Patterns of International Trade (1990 - 2005)"
98. (8936)	KNC-156/97	Azka Kamil	"Special Economic Zones : Land Capability, Compensation and Structure of Units"
Department of Social Work			
99. (8954)	Ph.D.-49/08	Ghazala Jamil (W)	"Positionality, Spatiality and Identity: An Urban Study of Muslim Community in Delhi"
Department of African Studies			
100. (8968)	M.Phil.-683/96	Shubhra Parmar (W)	"Ethnic Conflict Induced Displacement and Women in Africa : A Study of Rwanda"

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Sl. No.

Sl. No.	Enrol. No.	Name	Thesis Title
(Faculty of Mathematical Science) Department of Computer Science			
101. (8883)	KC-308/92	Sangeeta Ahuja (W)	"Novel Algorithms for Cluster Ensemble with Applications"
Department of Operational Research			
102. (9079)	Ph.D.-30/08	Shilpi Verma (W)	"Mathematical Programming Approaches For Component Selection of Modular Software Systems"
Department of Mathematics			
103. (8945)	HR-308/87	Neeru Kashyap (W)	"A Study of Weyl-Type Theorems for Operators"
104. (8961)	M-684/83	Seema Bansal (W)	"Modelling of Bubble Motion in an Incompressible Fluid"
105. (9005)	S-221/2001	Samridhi Mehta (W)	"Stochastic Scrambling of Sensitive Data Using Randomized Response Models"
(Faculty of Science) Department of Chemistry			
106. (1501)	Ph.D.-38/2010	Satya Prakash Shukla	"Iodine-Mediated and Metal-Catalyzed Synthesis of Heterocycles via Electrophilic 6-endo-dig Ring Closure of Alkynes"
107. (1549)	Ph.D.-60/08	Shruti Srivastava (W)	"Physico-Chemical Studies of Encapsulated Enzyme HRP in 'Reverse Micelles' and 'Magnetic Nanomaterials' applied as 'In Vitro Prodrug Activation'"
Department of Physics & Astrophysics			
108. (1589)	R-696/2003	Priyanka Verma (W)	"Study of Bose-Einstein Condensates in Superfluid Regime"
Department of Botany			
109. (1491)	MT-571/2001	Vera Yurngamia Kapai (W)	"In Vitro Plantlet Regeneration and Acclimatization of Orchids: Cymbidium Lunalvin 'Atlas', Thunia venosa Rolfe and Vanda testacea (Lindl.) Reichb. F. and Application of Thin Cell Layer Technique in the Hybrid"
Department of Environmental Studies			
110. (1536)	R-317/2000	Pallavi Saxena (W)	"Effects of Photochemical Pollutants on Plant Species"
Department of Home Science			
111. (1595)	Ph.D.-6/07	Nayera Masoodi (W)	"Evaluation of Nutrition Services in Registered Hospitals of Srinagar and Recommendations for Optimizing Nutrition Care of Patients"

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Sl. No.	Enrol. No.	Name	Thesis Title
Department of Pharmacy			
112. (1575)	Ph.D.-12/09	Varun Singh	"H2 Blockers as Antifertility Agents"
113. (1528)	CPH-8/99	Sonia Gandhi (W)	"Investigation of New Pharmacological Interventions for Diabetic Nephropathy in Experimentally Induced MDDM in Rats"
114. (1583)	Ph.D.-06/09	Mani Sharma (W)	"Synthesis of Substituted Aromatic Heterocycle Based DPP-IV Inhibitors: Fluoropyrrolidine and Related Structural Types"
115. (1524)	Ph.D.-26/08	Divya (W)	"Synthesis of Some Potential Spermicides"
116. (1584)	Ph.D.-05/09	Jemi Jacob (W)	"Synthesis of Some Heterocyclic Compounds and Evaluate their Anti-inflammatory and Other Biological Activities"
117. (1471)	Ph.D.-15/09	Salma Naqvi (W)	"Evaluation of Herbal Drugs for the Treatment of Diabetic Retinopathy in Experimental Models and to Study their Molecular Mechanisms"
118. (1573)	Ph.D.-25/08	Ashok Kumar	"Sexual Dysfunction in Males"
119. (1466)	Ph.D.-17/09	Subhash Chand Dadwal	"Design and Evaluation of Chronopharmaceutical Drug Delivery Systems of Antihypertensive Drugs"
Faculty of Law			
120. (1634)	Ph.D.-26/04	Gowardhan Somdeve	"Mortgage Finance System in India with Special Reference to Role of Housing Finance Companies in Financing Shelters"
(Faculty of Medical Sciences) Department of Medical Bio-Chemistry			
121. (1469)	FMS-183/08	Santosh Kumar Shukla	"Molecular and Immuno-histochemical Studies on Cardioprotective Mechanism(s) of Terminalia arjuna (TA), and Eugenia Jambolana (EJ), in Ischemic Model of Myocardial Infarction-An Experimental Study"
Department of Physiology			
122. (1647)	FMS-154/10	Farah Khaliq (W)	"Effect of Terminalia Arjuna Bark on Autonomic Control and Myocardial Function in Streptozotocin-Induced Diabetic Rats"

Sl. No.	Enrol. No.	Name	Thesis Title
(Faculty of Inter-Disciplinary & Applied Sciences)			
Department of Electronic Science			
123. (1557)	RC-611/99	Rohini Bhardwaj Gupta (W)	"Development and Characterization of Conducting Polymer/Zinc Oxide Based Bio-Light Emitting Diode"
124. (1615)	SDC-33/09	Pujarini Ghosh (W)	"Analytical Modeling and Simulation of Dual Material Gate Stack Architecture Cylindrical/Surrounded Gate MOSFETs"
Department of Microbiology			
125. (1544)	SDC-157/08	Shallendra Raghuvanshi	"Tannase from <i>Penicillium chrysogenum</i> : Process Optimization, Purification, Characterization, Scale up and Industrial Applications"
126. (1542)	SDC-223/09	Digvijay Verma	"Recovery and Expression of Thermo-Alkali-Stable Xylanase Gene by Metagenomic Approaches"
(Faculty of Technology)			
Department of Civil Engineering			
127. (1538)	DP-174/2003	Vijender Kumar Malik	"Study of Groundwater Sustainability in Gurgaon District, Haryana"
Department of Electronic & Communication Engineering			
128. (1558)	DP-291/93	Jyotsna Singh (W)	"Audio Watermarking and Steganography Techniques for Enhancing Digital Security"
129. (1520)	Ph.D.-91/09	Akash Rathee	"Modeling and Parameter Estimation of Nonlinear Electronic Circuits and Systems"
Department of Instrumentation and Control Engineering			
130. (1609)	Ph.D.-66/09	Asha Rani (W)	"Modeling, Simulation and Control of Distillation Process using Intelligent Techniques"

D. S. Jaggi
 (DR. D.S. JAGGI)
 O.S.D. (Controller of Exams.)
 Delhi, the 2nd September, 2013

Rup Lal
 (PROF. RUP LAL)
 Dean (Examinations)

21/9/13
21/9/13

दिल्ली विश्वविद्यालय



UNIVERSITY OF DELHI

प्रमाणित किया जाता है कि सितंबर, 2013 में शोध प्रबंध स्वीकृत हो जाने के उपरांत

'शिल्पी वर्मा'

को 2014 के दीक्षांत-समारोह में दिल्ली विश्वविद्यालय की विद्या-वाचस्पति की उपाधि प्रदान की गई।

विभाग: संक्रिया विज्ञान

This is to certify that on approval of the thesis in September, 2013

'Shilpi Verma'

qualified for the degree of Doctor of Philosophy (Ph.D.) of this University. The said Degree was conferred upon him/her at the Convocation held in 2014.

Department: Operational Research



Alta Sharma

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दिल्ली, दिनांक 14 मार्च, 2014
Delhi, Dated the 14th March, 2014

D.S.A.

कुलपति
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Vice Chancellor
University of Delhi

नामांकन संख्या
Enrol. No. Ph.D. -30/08

