



STELLA MARIS COLLEGE (AUTONOMOUS)
CHENNAI - INDIA

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI

Optional Extra Research Credits for the UG-IV Semester Students
Nov 2016 - Aug 2017

S.No.	Department ID	Name of the Student	Dissertation Topic	Name of the Supervisor
BOTANY – 15BT/RP/RP42				
1.	15/UBTA/024	M. JAYASUDHA	<i>The tree of life: An online evolutionary approach</i>	Dr. Geradette Mary
2.	15/UBTA/042	DHANYA. R. DURAI	<i>Antimicrobial activity of the ethyl acetate extract of the root of Vetiveria zizanioides.</i>	Dr. Antony Rose Immaculate
3.	15/UBTA/008	VIMI NINGOMBAM	<i>Hitting the target: An evaluation of novobiocin for Zika virus.</i>	Dr. Geradette Mary
4.	15/UBTA/023	KRISHNA PRIYA. S	<i>Media optimization of Spirulina platensis and evaluating its role as biofertiliser and biostimulant on Trigonella foenum-graecum.</i>	Dr. H. Shakila
5.	15/UBTA/007	ZAINAB IRFANA	<i>Isolation of endophytic fungi from Coleus aromaticus.</i>	Dr. Sathya Bama S
6.	15/UBTA/033	JAYA BHARATHI THIRUMALAZHAGAN	<i>Morphology, Anatomy and Antibacterial activity of Ocimum basilicum.</i>	Dr. Poongani M
7.	15/UBTA/047	LOURETTA SPANDHANA	<i>Isolation of endophytic fungi from Acalypha indica.</i>	Dr. Sathya Bama S
ECONOMICS – 15EC/RP/RP42				
8.	15/UECA/009	TANYA JAISON	<i>Heartbeats, Textbooks and Paychecks – A study on Health and Education and their impact on income inequalities in Brazil and Russia</i>	Ms. Swati Seshadri

9.	15/UECA/054	VAISHNAVI. R	<i>A Tale of Two Cities: A case study of Chennai and Bhubaneswar in the context of the Smart City Mission</i>	Dr. Crystal David John
10.	15/UECA/003	NAPPINNAI. D	<i>How rational are individuals?</i>	Ms. Swati Seshadri
11.	15/UECA/053	AKANSHA SONI	<i>Impact on Composition of Exports on Terms of Trade</i>	Ms. Swati Seshadri
12.	15/UECA/045	PRADEKSHA. S	<i>Satisfaction of Social Media Users across different Age Groups</i>	Ms. Jayalakshmi
13.	15/UECA/073	SUDHARSHINI. M	<i>Labour of Love: A micro study of invisible caregivers</i>	Dr. Crystal David John
14.	15/UECA/059	INDIRA. T		Dr. J. Regi Manimegala
15.	15/UECA/004	SAMRAKSHITA. J	<i>Sugarcane Production – A Gamble of the Monsoon – An Analysis of the trends in Sugarcane Production in India since 1960's</i>	Ms. Swati Seshadri
16.	15/UECA/039	TARUNIKA SUNIL	<i>Consumer Attitude towards Organic Foods in India</i>	Ms. Jayalakshmi
17.	15/UECA/042	ADITI SHANKAR	<i>Labour Force Participation of Women in Tamilnadu</i>	Ms. Jayalakshmi
HISTORY- 15HS/RP/RP42				
18.	15/UHSA/051	BATUL NADIR	<i>Muslim Women's Legislations Passed in the History of India - An Attempt to Understand Muslim Laws and Traditions</i>	Dr. Dolly Thomas
19.	15/UHSA/068	GAURI GOPAL	<i>Role of Women in Mitigating Climate Change</i>	Dr. Susan Paul
20.	15/UHSA/026	ANJALI SANJAY	<i>A Study on the Issues and Concerns of the Northeast Students in the City of Chennai with Special Focus on Migration for Educational Purpose</i>	Dr. Dolly Thomas
ENGLISH LITERATURE – 15EL/RP/RP42				
21.	15/UELA/047	SARAH MATHEW	<i>Beyond the Plate: Depiction of Food, Culture and Society in Esquivel's Like Water for Chocolate.</i>	Dr. Sujitha S.
22.	15/UELA/041	PRATHIKSHA BETALA	<i>Sufism and Existentialism in Elif Shafal's The Forty Rules of Love.</i>	Dr. Padma Mckertich
PHYSICS – 15PH/RP/RP42				
23.	15/UPHA/031	KEERTHANA.S	<i>LASER Communication</i>	Dr. K.H. Rajini
24.	15/UPHA/030	SONNU BENNY	<i>The Neutron Stars (Pulsars)</i>	Ms. Anceila
25.	15/UPHA/039	NANDHINI. R	<i>The Physics of Cosmic Dance</i>	Dr. R. Shanmugasundari
26.	15/UPHA/036	ALEENA ANN MATHEW	<i>Advantages of Pattern Generation in Polydimethy Isiloxane(PDMS) By Electrically Induced Nanopatterning</i>	Ms. Anceila
27.	15/UPHA/048	JUNIA SOLOMON	<i>Insight into Matter: XPS (X-ray emission spectroscopy)</i>	Dr. Belina Xavier

28.	15/UPHA/025	BENISHA. M	<i>Fiber Optic Communication at Speed of Light</i>	Dr. R.Shanmugasundari
29.	15/UPHA/008	DIVYA SHERIN. G. T	<i>Characterizing Structural Properties of Ceria Nanoparticles Using X-Ray Diffraction</i>	Dr. K.H. Rajini
30.	15/UPHA/013	CAROLINE. K	<i>Optical Characterization of ZnO Nanoparticles and its Application in Cosmetics</i>	Dr. Belina Xavier
ZOOLOGY – 15ZL/RP/RP42				
31.	15/UZLA/021	MONESHA MURPHY DAS	<i>Behavioural studies on domestic rabbits</i>	Dr. Kalpana Jayaraman
32.	15/UZLA/020	SOUMIYA SANKARI. M	<i>Antimicrobial and antioxidant properties of Annona muricata leaf extract</i>	Dr. Rita Jayraj
33.	15/UZLA/022	ROOPINI. S	<i>Slow Freezing Comparative Study of Sperm Samples using Standard and Modified methods</i>	Dr. Preethi Jeyakumar
34.	15/UZLA/016	SOFIA NANCY. S	<i>A Survey on Pet Animal Preference and Ownership among the students of the Department of Zoology, Stella Maris College (Autonomous), Chennai - 86</i>	Dr.S.A. Vidhya
35.	15/UZLA/007	SELCIBA. J	<i>A documentation of diverse butterfly species feeding from the flower nectaries of Premna latifolia during the post-monsoon period in the Stella Maris College Campus</i>	Dr. Kalpana Jayaraman
36.	15/UZLA/039	J. REBECCA VAISHALI	<i>Importance of Museum Specimens in Taxonomy</i>	Dr. Rita Jayaraj
SOCIOLOGY- 15SC/RP/RP42				
37.	15/USCA/019	ANETT JOSEPH	<i>A Sociological Study on the problems faced by the working-class women in the corporate sectors of Chennai City</i>	Ms. Maria Aishwarya
38.	15/USCA/057	S. INDUMATHI	<i>The Meme Phenomenon: A Content Analysis on Memes produced by Tamil Meme Pages and their implications on Gender</i>	Ms. Surangama Guha
39.	15/USCA/064	V. VITHYA	<i>A study on the problems of Transgenders in Chennai</i>	Dr. Jaysheela George
MATHEMATICS I – 15MT/RP/RP42				
40.	15/UMTA/027	DHASNEEM FATHIMA	<i>Methods of estimating variance components</i>	Dr. Sarah Surya S
MATHEMATICS- SHIFT II				
41.	15/UMTA/514	V.L. KAVIYA	<i>History of Numbers</i>	Ms. Dhanalakshmi A

42.	15/UMTA/516	SANGEETHA	<i>Stability of the Disease using SIR Model in Differential Equations</i>	Dr. G. Devipriya
43.	15/UMTA/520	DIANA PRIYADHARSHINI	<i>Disease Modelling in Differential Equation</i>	Dr. G. Devipriya
44.	15/UMTA/526	A.JENNIFER	<i>A study on GSM networks using graph coloring</i>	Dhanalakshmi. A
45.	15/UMTA/531	M.SOWMYA	<i>Laplace Equation in Image Analysis</i>	Dr. G. Devipriya
46.	15/UMTA/535	JENOVA. J	<i>Dominating sets in Graph theory</i>	Ms. Sindiya Therese S
47.	15/UMTA/537	S. SHANMATHI	<i>Comparison of Student t test with Chi-square test</i>	Dr. Sarah Surya S
48.	15/UMTA/549	SALMA PRAVEEN. J	<i>Application of Graph theory in signal towers launching</i>	Dhanalakshmi. A
49.	15/UMTA/565	ROJER JEENA.R	<i>Basic research in Trachtenberg Principle - Speed method of basic Mathematics</i>	Dr. Sarah Surya S
50.	15/UMTA/573	V. SARATHA PREETHA	<i>Real life application of Graph theory</i>	Ms. Sindiya Therese S
SOCIAL WORK – SHIFT II – 15SW/RP/RP42				
51.	15/USWA/501	ANGELIN STEFFY E	<i>A Study On The Challenges Faced By Transgenders In Chennai, Tamilnadu</i>	Dr. K. Madhavi
52.	15/USWA/509	HARIPRIYA. G	<i>A Study On The Leading Factors Of Agrarian Crisis In Tamil Nadu</i>	Ms. K.Vijayalakshmi
BCA – SHIFT II – 15CS/RP/RP42				
53.	15/UCSA/522	V.R.THEJAVATHY	<i>Wireless Sensor Networks and its Applications</i>	Dr. Brunda Antoinette Mary J
54.	15/UCSA/520	A. SHANDEEPA	<i>Operating systems for cloud computing</i>	Dr. Maruthi R
55.	15/UCSB/505	M. LOKESHWARI	<i>Software as a Service (SaaS) on Business Organization</i>	Dr. Swetha Margaret A
56.	15/UCSB/522	S. SARJANAA	<i>Impacts of Hacking</i>	Dr. Lakshmi. I
57.	15/UCSB/527	B. HEERA	<i>Expressing Human Emotions Through Vibrotactile Patterns</i>	Dr. Sindhuja A