



V.V.VANNIAPERUMAL COLLEGE FOR WOMEN

(Belonging to Virudhunagar Hindu Nadars)
An Autonomous Institution Affiliated to Madurai Kamaraj University
Re-accredited with 'A' Grade (3rd cycle) by NAAC
VIRUDHUNAGAR – 626 001 (TAMIL NADU)



DBT STAR COLLEGE SCHEME

Department of Biotechnology,
Government of India, New Delhi

Chairman & Principal

: Dr.(Tmt.)S.M. MEENA RANI, M.Sc.,M.Phil.,Ph.D.,P.G.D.C.A.,

Contact number: 9498088703
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Coordinator & Member Secretary : Dr.(Tmt.) M.TAMILSELVI, M.Sc.,M.Phil.,Ph.D.,

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DETAILS OF STUDENT PROJECTS

DEPARTMENTAL PROJECTS	-77
INTER-DEPARTMENTAL PROJECTS	-10
INTER-DISCIPLINARY PROJECTS	-12
TOTAL	-99

DEPARTMENT OF PHYSICS

S. NO	TITLE OF THE PROJECT	NAME OF THE STUDENT	CLASS	NAME OF THE SUPERVISOR
DEPARTMENTAL PROJECTS				
1	Dielectric Studies of Copper ion conducting Polymer Electrolytes based on Tamarind seed polysaccharide and CuNO_3	Miss. B.Archanadevi Miss. R.Reetha	III B.Sc. Physics III B.Sc. Physics	Dr.R. Hemalatha Assistant Professor of Physics
2	Green Synthesis and Characterization of CeO_2 Nanoparticles using <i>Cynodon dactylon</i> Leaf Extract	Miss. P.Mathivarsini, Miss. S.MohanaPriya	III B.Sc. Physics III B.Sc. Physics	Dr.R. Vidhya, Assistant Professor of Physics
3	Eco – Friendly Proton Battery based on PVA, Proline and NH_4NO_3	Miss. S.Madhu Krishna, Miss. K.Muthu Lakshmi	III B.Sc. Physics III B.Sc. Physics	Dr.R. Hemalatha Assistant Professor of Physics,
4	TRI – Block Co-Polymer poly (VdCl-CO-AN-CO-MMA) Based H^+ ion Conducting Membranes	Miss. A.Amirthalakshmi Miss. G.Dhivyadhrshini	III B.Sc. Physics III B.Sc. Physics	Dr.S.Thenmozhi, Assistant Professor of Physics
5	Impact of Two different Ammonium Salts on TRI – Block Co-Polymer Poly (VdCl-CO-AN-CO-MMA)	Miss. R.Kohila Miss. R.Thamarai Bhavani,	III B.Sc. Physics III B.Sc. Physics	Dr.R. Hemalatha, Assistant Professor of Physics
6	Synthesis and Characterization of CdS Nanoparticles Via Simple Chemical Approach	Miss. R.Monika Miss. P.Sankareswari	III B.Sc. Physics III B.Sc. Physics	Dr.I.Rathinamala, Assistant Professor of Physics
7	Study and Generate NDVI (Normalized Differential Vegetation Index) Parts of Western Ghats	Miss. A.Hatheeka Rahima Miss. P.Subalakshmi Miss. G.VishnuPriyadharshini	II B.Sc. Physics II B.Sc. Physics II B.Sc. Physics	Dr.I.Rathinamala, Assistant Professor of Physics

		Miss. A.Iswarya Miss. R.Lakshitha Sri	II B.Sc. Biotechnology II B.Sc. Biotechnology	
8	Mapping Distribution of Solar panel to identify the utilization of Renewable Resources in Virudhunagar District.	Miss. M.Kulrose Miss. M.NithyaSree Miss. K.Pavithra Miss. R.Pavithra Miss. D.Pratheeksha	II B.Sc. Physics II B.Sc. Physics II B.Sc. Physics II B.Sc. Physics II B.Sc. Physics	Dr.S.Thenmozhi, Assistant Professor of Physics
9	An Introduction to Matrix Manipulation using MATLAB	Miss. M.Balasavithri Miss. N.Gejalakshmi Miss. R.Monika Miss. R.Pavithra	IIIB.Sc. Physics IIIB.Sc. Physics IIIB.Sc. Physics II B.Sc. Physics	Dr.M.UmaMaheswari, Assistant Professor of Maths
PROJECTS CARRIED UNDER INDUSTRIAL TRAINING				
10	Frequency Counter	Miss. R.Reetha Miss. S.MohanaPriya Miss. A. HatheekaRahima, Miss. M. Kulrose	IIIB.Sc. Physics IIIB.Sc. Physics II B.Sc. Physics IIB.Sc. Physics	Dr.K.Uma Maheswari, Head & Associate Professor of Physics
11	Microcontroller Based Automated Driverless Train with Accident Prevention	Miss. A.Amirthalakshmi Miss. B.Archanadevi Miss. G. Dhivyadharshini Miss. M. Nithya Shree Miss. G.Vishnu Priyadharshini	IIIB.Sc. Physics IIIB.Sc. Physics IIIB.Sc. Physics II B.Sc. Physics IIB.Sc. Physics	Dr.I.Rathinamala, Assistant Professor of Physics
12	GSM with Android Mobile Based Security Lock for Bike Ignition	Miss. M. Hemalatha Miss. G. Jeyadeepa Miss. K. Kavitha Miss. K. Manimuthu	IIIB.Sc. Physics IIIB.Sc. Physics IIB.Sc. Physics IIB.Sc. Physics II B.Sc. Physics	Mrs.P.Kanmani, Assistant Professor of Physics

		Miss. C.P. Raja Keerthana		
ARDUINO BASED ELECTRONICS PROJECTS				
13	Smart Dustbin using Arduino	Miss. N.Gejalakshmi, Miss. S.Veeradhanalakshmi	III B.Sc. Physics III B.Sc. Physics	Dr. K Uma Maheswari Head & Associate Professor of Physics
14	Arduino based Passive Infrared Sensor	Miss. N.Susmitha Miss. S.Thilaga Miss. V.Karthika Miss. N.Kavyavarshini	III B.Sc. Physics III B.Sc. Physics II B.Sc. Physics II B.Sc. Physics	Mrs.G.Shamugapriya, Assistant Professor of Physics
15	Home Automation System using Arduino	Miss. S.Manimegalai Miss. P.Pandiselvi Miss. S.Pavithra Miss. T.Pavithra	II B.Sc. Physics II B.Sc. Physics II B.Sc. Physics II B.Sc. Physics	Mrs.M.Sugapriya, Assistant Professor of Physics
16	Arduino based Electronic Component Tester	Miss. R.Kohila Miss. S.Madhukrishna Miss. K.Muthulakshmi Miss. K.Mugundha	III B.Sc. Physics III B.Sc. Physics III B.Sc. Physics II B.Sc. Physics	Dr.A.Azhagu Parvathi, Associate Professor of Physics
17	Rain Intensity Measurement System using Arduino	Miss. R.Pon Lakshmi Miss. M.Poomari Miss. S.Priya Dharshini, Miss. C.P.RajaKeerthana,	II B.Sc. Physics II B.Sc. Physics II B.Sc. Physics II B.Sc. Physics	Mrs. R.Hemalatha, Assistant Professor of Physics
18	Arduino based Ultrasonic Receiver	Miss. R.Reetha Miss. P.Sankareswari Miss. B.Priyadharshini Miss. M.ShivanMalathi,	III B.Sc. Physics III B.Sc. Physics II B.Sc. Physics II B.Sc. Physics	Dr.R.Hepzi Pramila Devamani, Assistant Professor of Physics
19	Automatic Watering system for Plants using Arduino	Miss. S.Veeradhanalakshmi Miss. K.Srimidha	III B.Sc. Physics II B.Sc. Physics	Mrs.S.M.Mahalakshmi, Assistant Professor of Physics

		Miss. V.Suriyakala Miss. M.Varshadevi	II B.Sc. Physics II B.Sc. Physics	
20	Simplification of Boolean Equations	Miss. S.Bala Revathi Miss..Jeyapratha Miss. S.Madhu Krishna, Miss. K.Muthu Lakshmi Miss. S.Veeradhanalakshmi	III B.Sc. Physics III B.Sc. Physics III B.Sc. Physics III B.Sc. Physics III B.Sc. Physics	Dr.R.Hepzi Pramila Devamani, Assistant Professor of Physics

DEPARTMENT OF CHEMISTRY

S. NO	TITLE OF THE PROJECT	NAME OF THE STUDENT	CLASS	NAME OF THE SUPERVISOR
21	Soxhlet Extraction and Analysis of Bioactive Compounds in Medicinal Plants	Miss.N. Jenifer Miss.G.S.Jeyavalli- Miss.T.Sindhuja Miss.G.Sona J. Miss.Lavanya	III B.Sc. Chemistry III B.Sc. Chemistry III B.Sc. Chemistry III B.Sc. Chemistry III B.Sc. Chemistry	Mrs M. Dhanalakshmi, M.Sc., B.Ed., M.Phil., Assistant Professor of Chemistry
22	Ultrasound Assisted Extraction of Medicinal Plants and its Phyto Chemical Assay	Miss.R.Kavi priya Miss.R.Keerthi Miss.M.Keerthika Miss.G.Krishnapriya	III B.Sc. Chemistry III B.Sc. Chemistry III B.Sc. Chemistry III B.Sc. Chemistry III B.Sc. Chemistry	Mrs M. Dhanalakshmi, M.Sc., B.Ed., M.Phil., Assistant Professor of Chemistry

		Miss.S.Lakshmi swetha		
23	Investigation of Antioxidant Property of <i>Phyllanthus emblica</i> By Electrochemical Methods	Miss.R.Kalaivani Miss.G.Parasakthi Miss.M.MuthuLakshmi Miss.M.Shanmuga priya Miss.K.Sushithra	II B.Sc. Chemistry II.B.Sc. Chemistry II B.Sc. Chemistry II B.Sc. Chemistry II B.Sc. Chemistry	Dr. M. Amutha,M.Sc., B.Ed., M.Phil., Ph.D., Assistant Professor of Chemistry
24	Screening of Phytochemical Components In Different Seeds	Miss.Vaishnavi Miss.I. Malarvizhi Miss.T.Thangaselvi Miss. S.Vasiyammal Miss.S.Vidhya	III B.Sc. Chemistry III B.Sc. Chemistry III B.Sc. Chemistry III B.Sc. Chemistry III B.Sc. Chemistry	Mrs.R.Nagasathya, M.Sc.,M.Phil., Assistant Professor of Chemistry
25	Assessment of Underground Water Quality in College Premises	Miss.V.Dhivyabrabha Miss.K.Panneerselvi Miss.G.Parasakthi Miss.K.Sowmiya Miss.B.Sivaranjani	II B.Sc. Chemistry II B.Sc. Chemistry II B.Sc. Chemistry II B.Sc. Chemistry II B.Sc. Chemistry	Dr. A.Anitha, M.Sc., M.Phil., Ph.D. Assistant Professor of Chemistry
26	Chemical Oxygen Demand In Domestic Wastewater in Virudhunagar - An Analysis	Miss.M.Pavithra Miss.M.Shanmugapriya Miss.R.Sowndariya Miss.K.Susithra Miss.A.Vinitha	II B.Sc. Chemistry II B.Sc. Chemistry II B.Sc. Chemistry II B.Sc. Chemistry II B.Sc. Chemistry	Mrs.A.Prasanna,M.Sc.,M.Phil., Assistant Professor of Chemistry

DEPARTMENT OF ZOOLOGY

S. NO	TITLE OF THE PROJECT	NAME OF THE STUDENT	CLASS	NAME OF THE SUPERVISOR
DEPARTMENTAL PROJECTS				
27	Construction of Pedigree Chart for Three Generations	Miss .N.Dhanishta	III B.Sc. Zoology	Dr. J.Rani, M.Sc., B.Ed., M.Phil., Ph.D. Associate Professor of Zoology
28	Pedigree Analysis on the Occurrence of Curly and Straight Hair	Miss .G.Sanju	III B.Sc. Zoology	Dr. J.Rani, M.Sc., B.Ed., M.Phil., Ph.D. Associate Professor of Zoology
29	Analysis of Vanadium content in simple tunicate <i>Ascidia sydneiensis</i>	Miss . S.Divya Dharshini Miss . N.Abinaya Miss . S.Gowsalya Miss . M.Sundaravalli Miss . G.Ramya	III B.Sc. Zoology III B.Sc. Zoology III B.Sc. Zoology III B.Sc. Zoology III B.Sc. Zoology	Dr.M.Tamilselvi, M.Sc., M.Phil., Ph.D., Associate Professor of Zoology
30	Analysis of Accumulation of Chosen Metals in Commercially Important Fresh Water Fishes	Miss . R. Aishwarya Miss . M. Cenisa Miss . P. Jeyarani Miss . I. Pavithra Miss . G. Ramya	III B.Sc. Zoology III B.Sc. Zoology III B.Sc. Zoology III B.Sc. Zoology III B.Sc. Zoology	Dr.R.Radhalakshmi,M.Sc.,B.Ed.,M.Phil .P.G.D.M.B.T(Biotech,.) Ph.D., Assistant Professor of Zoology
31	Calcium Content in the Molluscan Shells – An Analysis	Miss . J. Deepa Miss . S. Rohitha Miss . D. Eswari Miss . S. Athipriya	II B.Sc. Zoology II B.Sc. Zoology II B.Sc. Zoology II B.Sc. Zoology	Dr.R.Radhalakshmi,M.Sc.,B.Ed.,M.Phil .P.G.D.M.B.T(Biotech,.) Ph.D., Assistant Professor of Zoology
32	Prevalence Study on Malnutrition among Adolescent Girls	Miss . T. Sridurga	III B.Sc. Zoology	Dr.P.Veeramuthumari,M.Sc.,M.Phil.,B. Ed., PGDCA., Ph.D., Assistant Professor of Zoology

33	A Study on Awareness and Prevalence of Corona Virus Infection (Covid-19) in Virudhunagar District, Tamil Nadu, India	Miss . S.Mahalakshmi Miss . Ramalakshmi Miss . M. Sangeetha Miss . P.Sivani Miss . P. Vijayalakshmi Miss . S.Yogalakshmi	II B.Sc. Zoology II B.Sc. Zoology II B.Sc. Zoology II B.Sc. Zoology II B.Sc. Zoology II B.Sc. Zoology	Dr.P.Veeramuthumari,M.Sc.,M.Phil.,B. Ed., PGDCA., Ph.D., Assistant Professor of Zoology
34	Analysis of Fluoride Content in Groundwater in Virudhunagar	Miss . R.Suvedha	III B.Sc. Zoology	Dr.V.Amsha Devi, M.Sc.,M.Phil.,Ph.D.,PGDCA., Assistant Professor of Zoology,
35	Comparative Analysis of Calcium Content in the Milk of Cow and Buffalo	Miss . K. Sivaranjini	III B.Sc. Zoology	Miss.N.Subashini,M.Sc.,M.Phil., PGDCA., Assistant Professor of Zoology
36	Analysis of Seasonal Diseases in Virudhunagar District	Miss . K.Swedha	III B.Sc. Zoology	Mrs,S.Jeyaruby,M.Sc.,M.Phil., Assistant Professor of Zoology
37	Diversity of Tree Spider	Miss . S.Suvitha	III B.Sc. Zoology	Dr.P.Vijaya,M.Sc.,M.Phil.,B.Ed., PGDCA., Ph.D., Assistant Professor of Zoology
38	Survey on the Occurrence of Contagious disease- Tuberculosis and Leprosy	Miss . R. Gayathri Miss . S.Gowsalya Miss . M. Ramya Miss . K. Pandiselvi Miss . C. Sankareswari Miss . L.Sathyarani Miss . M.Sri Ranjitha	III B.Sc.Mathematics III B.Sc.Mathematics III B.Sc. Zoology III B.Sc. Zoology III B.Sc. Zoology III B.Sc. Zoology III B.Sc. Zoology	Dr.P.Vijaya,M.Sc.,M.Phil.,B.Ed., PGDCA., Ph.D., Assistant Professor of Zoology
39	Survey of Jumping Spiders	Miss . K.Kala	III B.Sc. Zoology	Dr.P.Vijaya,M.Sc.,M.Phil.,B.Ed., PGDCA., Ph.D., Assistant Professor of Zoology

DEPARTMENT OF MATHEMATICS

S. NO	TITLE OF THE PROJECT	NAME OF THE STUDENT	CLASS	NAME OF THE SUPERVISOR
DEPARTMENTAL PROJECTS				
40	A Comparative Study on Solution of First Order Differential Equations Using Simple Electric Circuit Model	Miss . S. Abinaya Miss . S. Brundha Miss . K. Dharani Miss . D. Rohini Miss . S. Srivarsha	[.B.Sc.Mathematics [.B.Sc.Mathematics [.B.Sc.Mathematics [.B.Sc.Mathematics [.B.Sc.Mathematics	Dr.M.C.Maheswari, Associate Professor of Mathematics
41	Construction of Klein Bottle	Miss . S.Aruna Keerthana Miss . K.Mareeswari Miss . A.Tamil Selvi Miss . C.Sowniya Devi	III.B.Sc.Mathematics III.B.Sc.Mathematics III.B.Sc.Mathematics III.B.Sc.Mathematics	Dr.P.Geetha, Assistant Professor of Mathematics
42	Construction of Sundials – A Recreational Revival	Miss . A. Lakshmidivi Miss . A. Nadheera Parveen Miss . S. Sangeetha Miss . N. Shiva Paarvathy Miss . S. Umamaheswari Miss . R. Veilu Eswari	III.B.Sc.Mathematics III.B.Sc.Mathematics III.B.Sc.Mathematics III.B.Sc.Mathematics III.B.Sc.Mathematics III.B.Sc.Mathematics	Mrs. P.Getchial Pon Packiavathi, M.Sc., M.Phil., Assistant Professor of Mathematics
43	A Model on Cycloid Generation	Miss . R. Deepavahini Miss . P. Deepika Miss . P. Sudarshna Miss . P. Sushmitha	III.B.Sc.Mathematics III.B.Sc.Mathematics III.B.Sc.Mathematics III.B.Sc.Mathematics	Dr. R.P. Aditya, M.Sc., M.Phil., Ph.D. Assistant Professor of Mathematics

44	Solution to Real Life Problem In O.R Using Excel Solver	Miss . R. Deepavahini	II.B.Sc.Mathematics	Dr. A.Uma Devi, M.Sc., B.Ed., M.Phil.,Ph.D., Associate Professor and Head Department of Mathematics
45	Optimization Techniques In Real Life Problems Using Excel Solver	Miss . P. Deepika	II.B.Sc.Mathematics	Dr. A.Uma Devi, M.Sc., B.Ed., M.Phil., Ph.D., Associate Professor and Head
46	Solving A Transportation Problem Using Excel Solver	Miss . M. Saranya	II.B.Sc.Mathematics	Dr.P.Geetha, M.Sc.,B.Ed.,M.Phil.,Ph.D., Assistant Professor of Mathematics
47	Optimal Solution of Assignment Problem Using Excel Solver	Miss . M.Kavitha	II.B.Sc.Mathematics	Dr.P.Geetha, m.Sc.,B.Ed.,M.Phil.,Ph.D. Assistant Professor of Mathematics
48	Flood control in Papanasam Dam using Fuzzy logic	Miss . N.K. Nisaharini	II.B.Sc.Mathematics	Mrs. P.Getchial Pon Packiavathi, M.Sc., M.Phil., Assistant Professor of Mathematics
49	Flood Control in Emerald Dam Using Fuzzy logic	Miss . P. Asharani	II.B.Sc.Mathematics	Mrs. P. Getchial Pon Packiavathi, M.Sc., M.Phil., Assistant Professor of Mathematics
50	Optimization Techniques In S.P.M. Oil Company Using Excel Solver	Miss . R. Ramani Devi Miss . P. Sathya	II B.Sc.Mathematics II B.Sc.Mathematics	Dr. R.P. Aditya, M.Sc., M.Phil., Ph.D. Assistant Professor of Mathematics
51	Statistical Analysis of the Location of Banks In Chennai Using Foss	Miss . P. Sudarshna	II B.Sc.Mathematics	Dr.M.Uma Maheswari, M.Sc., M.Phil., Ph.D., Assistant Professor of Mathematics
52	Statistical Analysis of the location of Tea Estates In Idukki District of Kerala	Miss . S. Lakshmi Prabha	II B.Sc.Mathematics	Dr. M.Uma Maheswari, M.Sc., M.Phil., Ph.D., Assistant Professor of Mathematics

DEPARTMENT OF COMPUTER SCIENCE

S. NO	TITLE OF THE PROJECT	NAME OF THE STUDENT	CLASS	NAME OF THE SUPERVISOR
DEPARTMENTAL PROJECTS				
53	Android Application and Website to Calculate BMI	Miss .S. Abirami Miss. S. Gayathri Miss . M. Akila	III B.Sc.Computer Science III B.Sc.Computer Science II B.Sc.Computer Science	Dr.G.Karthigai Lakshmi,B.E., PGDCA., MBA., M.Sc(IT)., M.phil.,Ph.D., Associate Professor & Head
54	Computer Based E-Tutorial	Miss.Ms. K. Gayathri Miss.S. Raja Lakshmi Miss. M. Nithiya Sri	III B.Sc.Computer Science III B.Sc.Computer Science II B.Sc.Computer Science	Mrs. K. Annbuselvi, M.Sc., M.Phil., Associate Professor of Computer Science
55	College Students' Blood type Database Management	Miss . Ms.M.Vanitha Miss . B.Jalsi Priya Miss . I.Abirami	III B.Sc.Computer Science III B.Sc.Computer ScienceII B.Sc.Computer Science	Dr. M. Chamundeeswari, M.Sc., M.Phil., Ph.D., Associate Professor of Computer Science

DEPARTMENT OF BOTANY

S. NO	TITLE OF THE PROJECT	NAME OF THE STUDENT	CLASS	NAME OF THE SUPERVISOR
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DEPARTMENTAL PROJECTS

56	Studies on Distribution and Diversity of Xerophytes In Madurai District, Tamil Nadu, India	Miss . R. Chitra Devi Miss . B. Bharathi Miss . P. Bhavani Roshini Miss . D. Eswari Miss . G. Sumitha	II B.Sc. Zoology II B.Sc. Zoology II B.Sc. Zoology II B.Sc. Zoology II B.Sc. Zoology	Dr. B. Karunai Selvi Assistant Professor and H ead Department of Botany
57	Studies on distribution and diversity of Hydrophytes in Madurai District, Tamil Nadu, India	Miss . M. Sri Ranjitha Miss . K. Abinaya Miss . J. Deepa Miss . A. Fathima Afrin Miss . M. Ramya	II B.Sc. Zoology II B.Sc. Zoology II B.Sc. Zoology II B.Sc. Zoology II B.Sc. Zoology	Dr.B. Karunai Selvi, Assistant Professor & Head Department of Botany
58	Identification of locally available medicinal Plants	Miss . N.Dhanishta Miss . N.Vengadeshwari	II B.Sc. Zoology II B.Sc. Zoology	Dr. R.Muruga lakshmi kumari Assistant Professor of Botany
59	Preparation of dry plant (Herbarium) specimens of locally available plants	Miss . K. Gumuthasri Miss . M. Jothi Lakshmi Miss . S. Lailath Nisha Miss . S. Mahalakshmi Miss . T. Nivetha	II B.Sc. Home Science– Nutrition and Dietetics “ “ “ “	Dr. R.Sreebha, M.Sc., M.Phil.,Ph,D. Assistant Professor of Botany

60	Different layout of the kitchen garden	Miss ..S. Sneha Miss ..M.Sofia Roselin Miss ..S. Vigneshwari Miss ..G. Akshaya Miss ..V.L. Arunashivani	II B.A. English Literature II B.A. English Literature II B.A. English Literature II BBA II BBA	Dr.R.Sreebha, M.Sc., M.Phil.,Ph,D. Assistant Professor of Botany
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DEPARTMENT OF BIOTECHNOLOGY

S. NO	TITLE OF THE PROJECT	NAME OF THE STUDENT	CLASS	NAME OF THE SUPERVISOR
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DEPARTMENTAL PROJECTS

61	Isolation and characterization of Microbes from Rhizosphere of Paddy	Miss.R.Sai Meera Miss..M.Premalatha Miss.M.Sathya Priya	III B.Sc. Biotechnology III B.Sc. Biotechnology III B.Sc. Biotechnology	Dr.V.Jeyasinga Assistant Professor of Biotechnology
62	A study on Phytochemical Screening and Ascorbic acid content in <i>Moringa oleifera</i>	Miss.C.GokulaPriya Miss.S. Pavithra Miss.M. Brindha	III B.Sc. Biotechnology III B.Sc. Biotechnology III B.Sc. Biotechnology	Dr.V.Jeyasinga Assistant Professor of Biotechnology
63	Phytochemical Analysis and Antibacterial activity of <i>Psidium guajava</i>	Miss.S. Shobana Miss.V. Ponnuthai Miss.S.Muthulakshmi	III B.Sc. Biotechnology III B.Sc. Biotechnology III B.Sc. Biotechnology	Dr.V.Jeyasinga Assistant Professor of Biotechnology
64	Isolation and Characterization of Microbes from Soil	Miss.G. Jamuna Rani Miss.M. Jeyarani Miss.T. Kowsika	III B.Sc. Biotechnology III B.Sc. Biotechnology III B.Sc. Biotechnology	Mrs. SinthiaGanesan Assistant Professor of Biotechnology

		Miss.M. PonNithya	III B.Sc. Biotechnology	
65	Phytochemical screening, Antibacterial and Antioxidant activities of <i>Plumeria obtusa</i>	Miss.K. Dhanvarsha Miss.V.Sajitha Miss.V. Reshma Miss.V. Swetha	III B.Sc. Biotechnology III B.Sc. Biotechnology III B.Sc. Biotechnology III B.Sc. Biotechnology	Dr.V.Jeyasinga Assistant Professor of Biotechnology
66	Phytochemical screening, Antibacterial and Antioxidant activities of <i>Ixora coccinea</i>	Miss.S. ArockiyaAtchaya Miss.K. Ramya Miss.V.Parvathavarthini	III B.Sc. Biotechnology III B.Sc. Biotechnology III B.Sc. Biotechnology	Mrs. A.Rajeswari Assistant Professor of Biotechnology
67	Phytochemical screening, antioxidant and antibacterial activities of <i>Catharanthus roseus</i>	Miss.J. Anushiya Miss.B. Anusuya Miss.K. Deepika	III B.Sc. Biotechnology III B.Sc. Biotechnology III B.Sc. Biotechnology	Mrs. Sinthia Ganesan Assistant Professor of Biotechnology
68	Determination of Ascorbic acid content in different Citrus fruits	Miss.M. Abitha Miss.M. Devi	III B.Sc. Biotechnology III B.Sc. Biotechnology	Ms.K.Indira Assistant Professor of Biotechnology
69	Synthesis of Copper Nanoparticles and Antibacterial activity of <i>Ocimum sanctum</i> Leaf extract	Miss.C. Mahalakshmi Miss.P. ParvathiPriya Miss.R. Suvidha	III B.Sc. Biotechnology III B.Sc. Biotechnology III B.Sc. Biotechnology	Mrs. SinthiaGanesan Assistant Professor of Biotechnology
70	Synthesis of Silver Nanoparticles using <i>Cissusquadr angularis</i> plant extract	Miss.R.D.Lavanya Miss.M.Malathi	III B.Sc. Biotechnology III B.Sc. Biotechnology	Ms.K.Indira Assistant Professor of Biotechnology
71	Optimization and Characterization of chromium (cr vi) reducing bacteria from Industrial effluent	Miss.S.D.Jayashree Miss.L. Krishnadevi Miss.M. Monica	III B.Sc. Biotechnology III B.Sc. Biotechnology III B.Sc. Biotechnology	Ms.K.Indira Assistant Professor of Biotechnology
S. NO	TITLE OF THE PROJECT	NAME OF THE STUDENT	CLASS	NAME OF THE SUPERVISOR

DEPARTMENTAL PROJECTS				
72	Study on pH in Soil Samples of Virudhunagar District.	Miss.Abirami.S Miss.Annis Inncia.G Miss.Anushya.N Miss.Priyalakshmi.B. Miss.Pavithra.M	III B.Sc., Biochemistry III B.Sc., Biochemistry III B.Sc., Biochemistry III B.Sc., Biochemistry III B.Sc., Biochemistry	Mrs.M.Rajakumari,M.Sc.,M.Phil, Assistant Professor of Biochemistry
73	Flame Photo Metric Determination of Calcium, Sodium and Potassium in soil	Miss.Manimehalai.M Miss.Mathiselvi.V Miss.Sarrofin Zipporah.S Miss.Nivetha.S Miss.Vaishnavi.S	III B.Sc., Biochemistry III B.Sc., Biochemistry III B.Sc., Biochemistry III B.Sc., Biochemistry III B.Sc., Biochemistry	Mrs.M.Rajakumari,M.Sc.,M.Phil, Assistant Professor of Biochemistry
74	Study on the Moisture content and Texture of the Soil	Miss.Kanagalakshmi. S Miss.Rajeswari. A Miss.Pandimeena.T Miss.Sarrofin Zipporah. S Miss.Manoranjani. G	III B.Sc., Biochemistry III B.Sc., Biochemistry III B.Sc., Biochemistry III B.Sc., Biochemistry III B.Sc., Biochemistry	Dr. R. Mallika Associate Professor of Biochemistry
75	A Study on Physico-chemical parameters Of Urinjikulam Pond in Virudhunagar	Miss. T. Dayana Aruljothi Miss. S. Kanagalakshmi Miss. M. Keerthana Miss. M. Lakshmi Miss. M. Madhumitha	III B.Sc., Biochemistry III B.Sc., Biochemistry III B.Sc., Biochemistry III B.Sc., Biochemistry III B.Sc., Biochemistry	Dr. R. Salini Assistant Professor of Biochemistry
76	Analysis of Water quality and Pollution Parameters in EraiyaNatakkar Oorani, Perali, Virudhunagar	Miss. P.Deepika Miss. M.Indhu Miss. S.Malathi Miss. G.Manoranjani	III B.Sc., Biochemistry III B.Sc., Biochemistry III B.Sc., Biochemistry III B.Sc., Biochemistry	Dr. R. Salini Assistant Professor of Biochemistry
77	Analysis of Water from Sengulam Pond in Sivakasi for various Pollution Parameters	Miss. S. Abirami Miss. N. Anusuya	III B.Sc., Biochemistry III B.Sc., Biochemistry III B.Sc., Biochemistry	Mrs. K. Sudha Rameshwari Assistant Professor of Biochemistry

		Miss. N.Mahalakshmi Miss. P.Maheswari Miss. S.Priyadharsini	III B.Sc., Biochemistry III B.Sc., Biochemistry	
INTER-DEPARTMENTAL PROJECTS				
78	A Study on Thermal Management of Power LEDs with Copper Based Polymer Composites	Miss. M.Byrose parveen Miss. M.MariaSteffy Miss. B.Sivajothika Miss. S.Dhanavarthini Miss. M.Sathyabama	III B.Sc. Physics III B.Sc. Physics III B.Sc. Physics II B.Sc. Chemistry II B.Sc. Chemistry	Dr.A.Azhagu Parvathi, Associate Professor of Physics & Dr.J.Kavitha, Assistant Professor of Chemistry
79	Antibacterial activity of Biosynthesized Ferric oxide Nanoparticles using <i>Cissus quadrangularis</i>	Miss. V.Deepa Miss. S.Harshini Miss. N.Abinaya Miss. M.Muthurani Miss. D.Sarmila,	II B.Sc. Physics II B.Sc. Physics II B.Sc. Physics II B.Sc. Biotechnology II B.Sc. Biotechnology	Dr. M. Sankareswari, Assistant Professor of Physics & Ms. K. Indira, Assistant Professor of Biotechnology
80	Study and Generate Land use/Cover of the different Taluks of Virudhunagar District using Satellite Data	Miss. S.Dharshana Miss. P.Karthika Miss. S.Karthika Miss. S.Pavithra Miss. G.Rajarajeshwari	II B.Sc. Physics II B.Sc. Physics II B.Sc.Computer Science III B.Sc.Computer Science III B.Sc.Computer Science	Dr.R.Vidhya, Assistant Professor of Physics & Mrs.P.Aruna Devi, Assistant Professor of Computer Science
81	Study and Generate Surface Temperature Reflectance from Satellite Band Combination	Miss. S.Pavithra Miss. R.Swathlakshmi Miss. P.Parameswari Miss. G.Parasakthi Miss. K.Sowmiya	II B.Sc. Physics II B.Sc. Physics II B.Sc. Chemistry II B.Sc. Chemistry II B.Sc. Chemistry	Mrs.P.Kanmani, Assistant Professor of Physics & Mrs.Nagasathya, Assistant Professor of Chemistry

82	Evaluation of Water Quality of Groundwater In Virudhunagar Town	A.Nivetha G.Deepa M.Muthurani A.Jameela Bheevi M.Rajayogeswari	II B.Sc. Chemistry II B.Sc. Chemistry II B.Sc. Biotechnology II B.Sc. Biotechnology II B.Sc. Biotechnology	Mrs.A.Prasanna,M.Sc.,M.Phil., Assistant Professor of Chemistry & Dr.V.Jeyasinga, M.Sc.,M.Phil.,Ph.D., Assistant Professor of Biotechnology
83	Survey of Molluscan Shells in Manangudi Coast, Tamilnadu	Miss .M.Nishanthini Miss .M.Dharani Miss .P.Balanagammal Miss .S. S.Srivarsha Miss .Abinaya	III B.Sc. Zoology III B.Sc. Zoology III B.Sc. Zoology III B.Sc. Mathematics III B.Sc. Mathematics	Dr. J.Rani, M.Sc., B.Ed., M.Phil., Ph.D. Associate Professor of Zoology Dr.M.C.Maheswari.,M.Sc.,M.Phil.,Ph.D Associate Professor of Mathematics
84	Screening of Phytochemicals from Medicinal Plants	Miss . S.Geetha Miss . P.Sneha Miss . C.Durga Devi Miss . A.Ramalakshmi Miss . K.Dhanalakshmi	III B.Sc. Zoology III B.Sc. Zoology III B.Sc. Zoology III B.Sc. Zoology III B.Sc. Zoology	Dr.M.Tamilselvi, M.Sc., M.Phil., Ph.D., Associate Professor of Zoology & Dr. A.Anitha, M.Sc., M.Phil., Ph.D. Assistant Professor of Chemistry
85	Estimation of Protein Content of Meat in Broiler Chick and Country Chick	Miss . P. Indira Miss . S. Kanmani Miss . S. Vigneshwari Miss . P. Pooja Miss . R. Varsha	III B.Sc. Zoology III B.Sc. Zoology III B.Sc. Zoology II.B.Sc. Home Science II.B.Sc. Home Science	Dr.P.Veeramuthumari,M.Sc.,M.Phil.,B. Ed., PGDCA., Ph.D., Assistant Professor of Zoology & Mrs.S.Balasaraswathi,M.Sc.,M.Phil., M.C.A.PGDCA.,PGDPPEd., Assistant Professor of Home Science
86	Preparation of various recipes with Oyster and Button Mushroom	Miss . K.P.Lakshana Miss . R. Varsha	II B.Sc. Home Science– Nutrition and Dietetics II B.Sc. Home Science– Nutrition and Dietetics	Dr. R.Murugalakshmi kumari Assistant Professor of Botany Mrs. S. Balasaraswathi Assistant Professor of Home Science

87	Isolation of Streptomycin Resistant Mutants of <i>Escherichia coli</i>	Miss. G. Annic Inncia Miss. S. Saroffin Zipporah Miss. S. Vaishnavi Miss. A.Mallika Miss. K.Kartheeswari	III B.Sc.Biochemistry III B.Sc.Biochemistry III B.Sc.Biochemistry II B.Sc.Biochemistry III B.Sc.Biochemistry	Dr.R. Renuka,M.Sc., M.Phil., Ph.D., Associate Professor of Biochemistry Mrs. J. Jeya, M.Sc., M.Phil., Assistant Professor of Microbiology
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INTER-DISCIPLINARY PROJECTS

S. NO	TITLE OF THE PROJECT	NAME OF THE STUDENT	CLASS	NAME OF THE SUPERVISOR
88	Analysis of Phytochemicals In <i>Azadirachita indica</i> and its Medicinal Values With Special Reference To Tamil Literature	Miss.N. Bharathi Miss.S. Dhanavarthini Miss.R. Gayathri Miss.M.Mahalakshmi Miss.M.Renganayaki	III B.Sc. Chemistry III B.Sc. Chemistry III B.Sc. Chemistry II B.A Tamil II B.A Tamil	Dr. M. Amutha M.Sc., B.Ed., M.Phil., Ph.D., Assistant Professor of Chemistry & Dr. M.Tamilselvi M.A., M.Phil., Ph.D.,Assistant Professor of Tamil
89	Extraction of Jasmine Flowers and its Medicinal Importance with Special Reference to Tamil Literature	Miss.M.Sathyabama Miss.M.Vishali Miss.M.Vishnupriya Miss.R.Dhanalakshmi Miss.R.Buvaneshwari	III B.Sc. Chemistry III B.Sc. Chemistry III B.Sc. Chemistry III B.A. Tamil III B.A. Tamil	Dr. J. Kavitha, Assistant Professor of Chemistry Dr. T.Velmayil, Associate Professor of Tamil

90	Academic practices of college students	Miss.S, Abirami Miss. N.Anusuya Miss.G.Manoranjani Miss.M. Dharsilin Bhanu Miss.T. Siyamala Devi	III B.Sc.Biochemistry III B.Sc.Biochemistry III B.Sc.Biochemistry II B.Sc.Biochemistry III B.Sc.Biochemistry	Dr. P. Annapoorani , Associate Professor & Head, Department of Biotechnology Dr. S. Cinthana, Assistant Professor of English
91	Food habits among college students	Miss.G. Annis Inncia Miss.T. Dayana Aruljothi Miss.P.Deepika Miss.R. Maduranthaki Nachiyar Miss.M. Jotheeswari	III B.Sc.Biochemistry III B.Sc.Biochemistry III B.Sc.Biochemistry II B.Sc.Biochemistry II B.Sc.Biochemistry	Dr. P. Annapoorani , Associate Professor & Head, Department of Biotechnology Dr. S. Cinthana, Assistant Professor of English
92	How fashion influences young minds	Miss.S. Kanagalakshmi Miss.M.Keerthana Miss.P. Maheshwari Miss.S. Archana Miss.G. Lavanya	III B.Sc.Biochemistry III B.Sc.Biochemistry III B.Sc.Biochemistry II B.Sc.Biochemistry II B.Sc.Biochemistry	Dr. P. Annapoorani , Associate Professor & Head, Department of Biotechnology Dr. S. Cinthana, Assistant Professor of English
93	Influence of Social Media and other Digital content	Miss.A. Sailaja Miss.S. Saroffin Zipporah Miss.G. Selvapriya Miss.B. Dhulasi Abirami Miss.K. Rasika	III B.Sc.Biochemistry III B.Sc.Biochemistry III B.Sc.Biochemistry II B.Sc.Biochemistry II B.Sc.Biochemistry	Dr. P. Annapoorani , Associate Professor & Head, Department of Biotechnology & Dr. S. Cinthana, Assistant Professor of English
94	Exploring talents and other fields of interest in College	Miss.M. Vijayalakshmi Miss.S. Subbulakshmi Miss.G.Sangareshwari Miss.J. Abayambika	III B.Sc.Biochemistry III B.Sc.Biochemistry III B.Sc.Biochemistry II B.Sc.Biochemistry	Dr. P. Annapoorani , Associate Professor & Head, Department of Biotechnology &

		Miss.K. S. Shifani	II B.Sc.Biochemistry	Dr. S. Cinthana, Assistant Professor of English
95	Mental Health	Miss.T.Pandimeena Miss.T.Vijayalakshmi Miss.M.Manimehalai Miss.N. Deepthi Miss.V. Mariammal	III B.Sc.Biochemistry III B.Sc.Biochemistry III B.Sc.Biochemistry II B.Sc.Biochemistry II B.Sc.Biochemistry	Dr. P. Annapoorani , Associate Professor & Head, Department of Biotechnology & Dr. S. Cinthana, Assistant Professor of English
96	Social issues and Awareness	Miss S.Nivetha Miss.S.Priya dharsini Miss.M. Vijayalakshmi Miss.M. Arthi Miss.S. Gokila	III B.Sc.Biochemistry III B.Sc.Biochemistry III B.Sc.Biochemistry II B.Sc.Biochemistry II B.Sc.Biochemistry	Dr. P. Annapoorani , Associate Professor & Head, Department of Biotechnology & Dr. S. Cinthana, Assistant Professor of English
97	Substance abuse.	Miss.P.Deepika Miss.S. Malathi Miss.A. Sailaja Miss.T. Iswarya Miss.T. Gloriya	III B.Sc.Biochemistry III B.Sc.Biochemistry III B.Sc.Biochemistry II B.Sc.Biochemistry II B.Sc.Biochemistry	Dr. P. Annapoorani , Associate Professor & Head, Department of Biotechnology & Dr. S. Cinthana, Assistant Professor of English
98	Sports and physical fitness for physical and mental well being	Miss.M. Umamaheshwari Miss.S.Thangamuniyammal Miss.S. Vaishnavi Miss.S. Sankara Thareni Miss.R. Priya	III B.Sc.Biochemistry III B.Sc.Biochemistry III B.Sc.Biochemistry II B.Sc.Biochemistry II B.Sc.Biochemistry	Dr. P. Annapoorani , Associate Professor & Head, Department of Biotechnology & Dr. S. Cinthana, Assistant Professor of English

99	Music and its impact on our Psychology.	Miss.V. Mathiselvi Miss.R. Uma Miss.A.Rajeshwari Miss.J. Saranya Miss.R. Swathi	III B.Sc.Biochemistry III B.Sc.Biochemistry III B.Sc.Biochemistry II B.Sc.Biochemistry II B.Sc.Biochemistry	Dr. P. Annapoorani , Associate Professor & Head, Department of Biotechnology & Dr. S. Cinthana, Assistant Professor of English
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