



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.,

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DETAILS OF STUDENT PROJECTS

DEPARTMENT OF PHYSICS

S. NO	TITLE OF THE PROJECT	NAME OF THE STUDENT	CLASS	NAME OF THE SUPERVISOR	REPORT
INTERDISCIPLINARY PROJECTS					
1.	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	https://rb.gy/faooyo
2.	Antibacterial activity of Biosynthesized Ferric oxide Nanoparticles using <i>Cissusquadrangularis</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	https://rb.gy/v4ynci
3.	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	https://rb.gy/kszmkt

4.	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	https://rb.gy/vkru9d
INTERDISCIPLINARY PROJECTS					
5.	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	https://rb.gy/kkwtgr
6.	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	https://rb.gy/p0wutx
7.	Eco – Friendly Proton Battery based on PVA, Proline and NH ₄ NO ₃	Miss. S.Madhu Krishna, Miss. K.Muthu Lakshmi	III B.Sc. Physics III B.Sc. Physics	Dr.R. Hemalatha Assistant Professor of Physics,	https://rb.gy/obwd3h
8.	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	https://rb.gy/ijaz3p
9.	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	https://rb.gy/pl7nx3

10.	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	https://rb.gy/tsr3e7
11.	Study and Generate NDVI (Normalized Differential Vegetation Index) Parts of Western Ghats	Miss. A.Hatheeka Rahima Miss. P.Subalakshmi Miss. G.VishnuPriyadharshini Miss. A.Iswarya Miss. R.Lakshitha Sri	II B.Sc. Physics II B.Sc. Physics II B.Sc. Physics II B.Sc. Biotechnology II B.Sc. Biotechnology	Dr.I.Rathinamala, Assistant Professor of Physics	https://rb.gy/qtqh3r
12.	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	https://rb.gy/etfyit
13.	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	https://rb.gy/zgawed
PROJECTS CARRIED UNDER INDUSTRIAL TRAINING					
14.	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	https://rb.gy/172t5l
15.	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	https://rb.gy/ezptjs

16.	GSM with Android Mobile Based Security Lock for Bike Ignition	Miss. M. Hemalatha Miss. G. Jeyadeepa Miss. K. Kavitha Miss. K. Manimuthu Miss. C.P. Raja Keerthana	IIIB.Sc. Physics IIIB.Sc. Physics IIB.Sc. Physics IIB.Sc. Physics II B.Sc. Physics	Mrs.P.Kanmani, Assistant Professor of Physics	https://rb.gy/meqhae
ARDUINO BASED ELECTRONICS PROJECTS					
17.	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	https://rb.gy/reta50
18.	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	https://rb.gy/i2sjow
19.	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	https://rb.gy/rafgzu
20.	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	https://rb.gy/h94dgn
21.	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	https://rb.gy/7au69e
22.	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	https://rb.gy/anx1fz

23.	Automatic Watering system for Plants using Arduino	Miss. S.Veeradhanalakshmi Miss. K.Srimidha Miss. V.Suriyakala Miss. M.Varshadevi	III B.Sc. Physics II B.Sc. Physics II B.Sc. Physics II B.Sc. Physics	Mrs.S.M.Mahalakshmi, Assistant Professor of Physics	https://rb.gy/casaux
24.	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	https://rb.gy/u72kaa

DEPARTMENT OF CHEMISTRY

S. NO	TITLE OF THE PROJECT	NAME OF THE STUDENT	CLASS	NAME OF THE SUPERVISOR	REPORT
1	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	https://rb.gy/qgel9x
2	Ultrasound Assisted Extraction of Medicinal Plants and its Phyto Chemical Assay	Miss.R.Kavipriya 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	Mrs M. Dhanalakshmi, M.Sc.,B.Ed.,M.Phil., Assistant Professor of Chemistry	https://rb.gy/14ujj8

		Miss.S.Lakshmiswetha	III B.Sc. Chemistry		
3	Investigation of Antioxidant Property of <i>Phyllanthusemblica</i> By Electrochemical Methods	Miss.R.Kalaivani Miss.G.Parasakthi Miss.M.MuthuLakshmi Miss.M.Shanmugapriya 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	https://rb.gy/6qxvym
4	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	https://rb.gy/0mqxgc
5	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	https://rb.gy/xjvu5b
6	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	https://rb.gy/h0fqw1

INTER-DISCIPLINARY PROJECTS

7	Analysis of Phytochemicals In <i>Azadirachitaindica</i> and its Medicinal Values With Special Reference To Tamil Literature	Miss.N. Bharathi Miss.S. Dhanavarthini Miss.R. Gayathri Miss.M.Mahalakshmi	III B.Sc. Chemistry III B.Sc. Chemistry III B.Sc. Chemistry II B.A Tamil	Dr. M. AmuthaM.Sc., B.Ed., M.Phil., Ph.D., Assistant Professor of Chemistry & Dr.M.TamilselviM.A., M.Phil., Ph.D.,Assistant Professor of Tamil	https://rb.gy/tyvavr
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		Miss.M.Renganayaki	II B.A Tamil		
8	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	https://rb.gy/oabbcq

INTERDEPARTMENTAL PROJECTS

9	Study and Generate Surface Temperature Reflectance from Satellite Band Combination	P.Parameswari G.Parasakthi K.Sowmiya L.Nagajothi S.Pavithra	II B.Sc. Chemistry II B.Sc. Chemistry II B.Sc. Chemistry II B.Sc. Physics II B.Sc. Physics	Mrs.R.Nagasathya, M.Sc.,M.Phil., Assistant Professor of Chemistry & Mrs.P.Kanmani M.Sc.,M.Phil., Assistant Professor of Physics	https://rb.gy/vkru9d
10	A Study On Thermal Management Of Power Leds With Copper Based Polymer Composites	M. ByroseParveen M. Maria Steffy B. Sivajothika S. Dhanavarthin T. Rajalakshmi M. Sathyabama	III B.Sc. Physics III B.Sc. Physics III B.Sc. Physics III B.Sc. Chemistry III B.Sc. Chemistry	Dr. A. Azhaguparvathi, M.Sc., M.Phil., B.Ed.,Ph.D., Associate Professor of Physics & Dr.J.Kavitha, M.Sc., M.Phil., Ph.D., Assistant Professor of Chemistry	https://rb.gy/vkru9d
11	Evaluation of Water Quality of Groundwater In Virudhunagar Town	A.Nivetha G.Deepa M.Muthurani A.JameelaBheevi M.Rajayogeswari	II B.Sc. Chemistry II B.Sc. Chemistry IIB.Sc. Biotechnology IIB.Sc. Biotechnology IIB.Sc. Biotechnology	Mrs.A.Prasanna,M.Sc.,M.Phil., Assistant Professor of Chemistry & Dr.V.Jeyasimga, M.Sc.,M.Phil.,Ph.D., Assistant Professor of Biotechnology	https://rb.gy/jnwiwb

DEPARTMENT OF ZOOLOGY

S. NO	TITLE OF THE PROJECT	NAME OF THE STUDENT	CLASS	NAME OF THE SUPERVISOR	Report
INTER-DEPARTMENTAL PROJECTS					
1	Survey of Molluscan Shells in Manangudi	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 IIIB.Sc. Mathematics IIIB.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	https://rb.gy/q02fdu
2	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	https://rb.gy/fldpfm
3	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	https://rb.gy/cjzvnk

4	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	https://rb.gy/oaubox
5	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	https://rb.gy/1ouokf
6	Analysis of vanadium content in simple tunicate <i>Ascidiasydneiensis</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	https://rb.gy/okse9a
7	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	https://rb.gy/d97bre
8	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	https://rb.gy/ztfden
9	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	https://rb.gy/n2qnr
10	A Study on Awareness and Prevalence of	Miss . S.Mahalakshmi Miss . Ramalakshmi	II B.Sc. Zoology II B.Sc. Zoology	Dr.P.Veeramuthumari,M.Sc.,M.Phil.,B. Ed., PGDCA., Ph.D.,	https://rb.gy/sd64en

	Corona Virus Infection (Covid-19) in Virudhunagar District, Tamil Nadu, India	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	Assistant Professor of Zoology	
11	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,	https://rb.gy/zp2sur
12	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	https://rb.gy/6ufoun
13	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	https://rb.gy/xund6d
14	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	https://rb.gy/veu7ih
15	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	https://rb.gy/s1bx47
16	Survey of Jumping Spiders	Miss . K.Kala	III B.Sc. Zoology	Dr.P.Vijaya,M.Sc.,M.Phil.,B.Ed., PGDCA., Ph.D.,	https://rb.gy/qhz7f4

Assistant Professor of Zoology

DEPARTMENT OF MATHEMATICS

S. NO	TITLE OF THE PROJECT	NAME OF THE STUDENT	CLASS	NAME OF THE SUPERVISOR	REPORT
DISCIPLINARY PROJECTS					
1	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	III.B.Sc.Mathematics III.B.Sc.Mathematics III.B.Sc.Mathematics III.B.Sc.Mathematics III.B.Sc.Mathematics	Dr.M.C.Maheswari, Associate Professor of Mathematics	https://rb.gy/hnc9kn
2	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	https://rb.gy/tltlb9
3	Construction of Sundials – A Recreational Revival	Miss . A. Lakshmidevi Miss . A. Nadheera Parveen Miss . S. Sangeetha Miss . N. Shiva Paarvathy Miss . S. Umamaheswari	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	https://rb.gy/6cfng8

		Miss . R. Veilu Eswari			
4	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	https://rb.gy/lyfwnd
5	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	https://rb.gy/0etxch
6	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	https://rb.gy/gxgoeg
7	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	https://rb.gy/qex6n1
8	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	https://rb.gy/hjdv3
9	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	https://rb.gy/akmqsb
10	Flood Control in Emerald	Miss . P. Asharani	II.B.Sc.Mathematics	Mrs. P. Getchial Pon	https://rb.gy/n2obxt

	Dam Using Fuzzy logic			Packiavathi, M.Sc., M.Phil., Assistant Professor of Mathematics	
11	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	https://rb.gy/mfpauw
12	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	https://rb.gy/4ktmif
13	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	https://rb.gy/sijjxi

DEPARTMENT OF COMPUTER SCIENCE

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

1.	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.KarthigaiLakshmi,B.E., PGDCA., MBA., M.Sc(IT)., M.Phil.,Ph.D., Associate Professor & Head	https://rb.gy/6sfsmq
2.	Computer Based E-Tutorial	Miss. 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.,PGDCA., Associate Professor of Computer Science	https://rb.gy/ptgl8x
3.	College Students' Blood type Database Management	Miss. M.Vanitha Miss. B.JalsiPriya Miss. I.Abirami	III B.Sc.Computer Science III B.Sc.Computer Science II B.Sc.Computer Science	Dr. M. Chamundeeswari, M.Sc., M.Phil., Ph.D., Associate Professor of Computer Science	https://rb.gy/uwdojt

INTER-DEPARTMENTAL PROJECTS

4.	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. A.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	https://rb.gy/jjhmlg
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DEPARTMENT OF BOTANY

S. NO	TITLE OF THE PROJECT	NAME OF THE STUDENT	CLASS	NAME OF THE SUPERVISOR	REPORT
DEPARTMENTAL PROJECTS					
1	Studies on Distribution and Diversity of Xeroph	Miss .R.ChitraDevi Miss .B.Bharathi	II B.Sc. Zoology II B.Sc. Zoology	Dr.B.KarunaiSelvi	https://rb.gy/ejs5qx

	ytesInMaduraiDistrict, Tamil Nadu, India	Miss .P.BhavaniRoshini Miss .D.Eswari Miss .G.Sumitha	II B.Sc. Zoology II B.Sc. Zoology II B.Sc. Zoology	Assistant Professorand Head Department ofbotany	
2	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	https://rb.gy/vmghlb
3	Identification of locally available medicinal Plants	Miss .N.Dhanishta Miss .N.Vengadeshwari	II B.Sc. Zoology II B.Sc. Zoology	Dr.R.Murugalakshmikumari Assistant Professor of Botany	https://rb.gy/g6lmwt
4	Preparation of dry plant (Herbarium) specimens of locally available plants	Miss .K. Gumuthasri Miss .M. Jothi Lakshmi Miss .S. LailathNisha 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	https://rb.gy/2jj0ha
5	Different layout of the kitchen garden	Miss ..S. Sneha Miss ..M.SofiaRoselin 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	https://rb.gy/uu7lbb
INTER-DEPARTMENTAL PROJECTS					

6	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.Murugalakshmikumari Assistant Professor of Botany Mrs. S. Balasaraswathi Assistant Professor of Home Science	https://rb.gy/9fek31
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DEPARTMENT OF BIOTECHNOLOGY

S. NO	TITLE OF THE PROJECT	NAME OF THE STUDENT	CLASS	NAME OF THE SUPERVISOR	REPORT
DEPARTMENTAL PROJECTS					
1	Isolation and characterization of Microbes from Rhizosphere of Paddy	Miss.R.SaiMeera Miss..M.Premalatha Miss.M.SathyaPriya	III B.Sc. Biotechnology III B.Sc. Biotechnology III B.Sc. Biotechnology	Dr.V.Jeyasimga Assistant Professor of Biotechnology	https://rb.gy/meikih
2	A study on Phytochemical Screening and Ascorbic acid content in <i>Moringaoleifera</i>	Miss.C.GokulaPriya Miss.S. Pavithra Miss.M. Brindha	III B.Sc. Biotechnology III B.Sc. Biotechnology III B.Sc. Biotechnology	Dr.V.Jeyasimga Assistant Professor of Biotechnology	https://rb.gy/ua72kp
3	A Study on Phytochemical Analysis and Antibacterial activity of <i>Psidiumguajava</i>	Miss.S. Shobana Miss.V. Ponnuthai Miss.S.Muthulakshmi	III B.Sc. Biotechnology III B.Sc. Biotechnology III B.Sc. Biotechnology	Dr.V.Jeyasimga Assistant Professor of Biotechnology	https://rb.gy/qk50m0
4	Isolation and Characterization of Microbes from Soil	Miss.G. Jamuna Rani Miss.M. Jeyarani Miss.T. Kowsika Miss.M. PonNithya	III B.Sc. Biotechnology III B.Sc. Biotechnology III B.Sc. Biotechnology III B.Sc. Biotechnology	Mrs. SinthiaGanesan Assistant Professor of Biotechnology	https://rb.gy/9m75mX
5	Phytochemical screening, Antibacterial and Antioxidant activities of <i>Plumeriaobtusa</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.Jeyasimga Assistant Professor of Biotechnology	https://rb.gy/0bwik7

6	Phytochemical screening, Antibacterial and Antioxidant activities of <i>Ixoracoccinea</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	https://rb.gy/nhywr2
7	Phytochemical screening, antioxidant and antibacterial activities of <i>Catharanthusroseus</i>	Miss.J. Anushiya Miss.B. Anusuya Miss.K. Deepika	III B.Sc. Biotechnology III B.Sc. Biotechnology III B.Sc. Biotechnology	Mrs. SinthiaGanesan Assistant Professor of Biotechnology	https://rb.gy/oyexof
8	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	https://rb.gy/hfft8s
9	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	https://rb.gy/ut91gg
10	Synthesis of Silver Nanoparticles using <i>Cissusquadrangularis</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	https://rb.gy/fv3sgm
11	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	https://rb.gy/gfnwot

INTER-DEPARTMENTAL PROJECTS

1	Antibacterial activity of Biosynthesized Ferric oxide Nanoparticles using <i>Cissusquadrangularis</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	https://rb.gy/4177rc
2	Evaluation of Water Quality of Groundwater In Virudhunagar Town	A.Nivetha G.Deepa M.Muthurani A.JameelaBheevee 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.Jeyasimga, M.Sc.,M.Phil.,Ph.D., Assistant Professorof Biotechnology	https://rb.gy/ilaknk

Department of Biochemistry

S. NO	TITLE OF THE PROJECT	NAME OF THE STUDENT	CLASS	NAME OF THE SUPERVISOR	REPORT
DEPARTMENTAL PROJECTS					
1	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	https://rb.gy/boaqp9
2	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	https://rb.gy/rkn5it
3	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	https://rb.gy/jfqtrk

4	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	https://rb.gy/zbc6zf
5	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	https://rb.gy/bb7rll
6	Analysis of Water from Sengulam Pond in Sivakasi for various Pollution Parameters	Miss. S. Abirami Miss. N. Anusuya Miss. N.Mahalakshmi Miss. P.Maheswari Miss. S.Priyadharsini	III B.Sc., Biochemistry III B.Sc., Biochemistry III B.Sc., Biochemistry III B.Sc., Biochemistry III B.Sc., Biochemistry	Mrs. K. Sudha Rameshwari Assistant Professor of Biochemistry	https://rb.gy/ouigmq
7.	Determination of Relative moisture content and texture of the soil	Miss.S.Kanagalakshmi. Miss.A.Rajeswari. Miss.G.Selvapriya Miss.S.Bevina. Miss.S.Vinotha	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	https://rb.gy/oki3oo

INTER-DEPARTMENTAL PROJECTS

1	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	https://rb.gy/xkvr06
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INTER-DISCIPLINARY PROJECTS					
S. NO	TITLE OF THE PROJECT	NAME OF THE STUDENT	CLASS	NAME OF THE SUPERVISOR	
1	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 Biochemistry Dr. S. Cinthana, Assistant Professor of English	https://rb.gy/hoovfh
2	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 Biochemistry Dr. S. Cinthana, Assistant Professor of English	https://rb.gy/bhgjfu
3	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 Biochemistry Dr. S. Cinthana, Assistant Professor of English	
4	Influence of Social Media and other Digital content	Miss.A. Sailaja Miss.S. Saroffin Zipporah Miss.G. Selvapriya	III B.Sc.Biochemistry III B.Sc.Biochemistry III B.Sc.Biochemistry	Dr. P. Annapoorani , Associate Professor & Head, Department of Biochemistry	

		Miss.B. Dhulasi Abirami Miss.K. Rasika	II B.Sc.Biochemistry II B.Sc.Biochemistry	& Dr. S. Cinthana, Assistant Professor of English	
5	Exploring talents and other fields of interest in College	Miss.M. Vijayalakshmi Miss.S. Subbulakshmi Miss.G.Sangareshwari Miss.J. Abayambika Miss.K. S. Shifani	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 Biochemistry & Dr. S. Cinthana, Assistant Professor of English	
6	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 Biochemistry & Dr. S. Cinthana, Assistant Professor of English	https://rb.gy/w35cod
7	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 Biochemistry & Dr. S. Cinthana, Assistant Professor of English	
8	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 Biochemistry & Dr. S. Cinthana, Assistant Professor of English	https://rb.gy/r7tkux

9	Sports and physical fitness for physical and mental well being	Miss.M. Umamaheshwari Miss.S.Thangamuniyamma 1 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 Biochemistry & Dr. S. Cinthana, Assistant Professor of English	
10	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 Biochemistry & Dr. S. Cinthana, Assistant Professor of English	https://rb.gy/3eyelu

