



**CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)**

Nationally accredited (III Cycle) with "A" Grade

ISO 9001:2015 Certified

Annamalai Nagar, Tiruchirappalli – 18

**Value Added Course List (2022-2023)**

S.No	Course Code	Course Title	Course Offering Department	Eligibility
1	21VATA01	Kalvettiyal	Tamil	All Programme students
2	21VATA02	Kamarasarin Aalumai	Tamil	All Programme students
3	21VATA03	Kavithai Punaithal	Tamil	All Programme students
4	21VATA04	Pottithervu Tamil Ilakkanam	Tamil	All Programme students
5	21VATA05	Thirupavai Thiruvembavai	Tamil	All Programme students
6	21VATA06	Medaipechu	Tamil	All Programme students
7	21VATA07	Electronic Media and Job Opportunity	Tamil	All Programme students
8	21VAPS01	Introduction to Job Oriented Competitive Examinations	Tamil	All Programme students
9	21VAHI01	Functional Hindi	Other Language	All Programme students
10	21VASA01	Sarala Samskrith Sikshak Part - I	Other Language	All Programme students
11	21VAFR01	Basic French Course	Other Language	All Programme students
12	21VAEN01	English Speaking Course	English	All Programme students
13	21VAEN02	Leadership for Professionals	English	All Programme students
14	21VAEN03	English Career Enrichment	English	All Programme students
15	21VAEN04	Celebration of Life	English	All Programme students
16	21VAEN05	Food, Travel and Culture	English	All Programme students
17	22VAEN06	Business Communication	English	All Programme students
18	21VASW01	Counselling for well being	Social Work	Students of other programmes
19	21VASW02	Photography for Documentation	Social Work	All Programme students

20	21VASW03	Human Resource Management	Social Work	Students of other programmes
21	21VASW04	Sustainability Management in Third Sector Organization	Social Work	Students of Social Work
22	21VASW05	Visual Arts – Painting	Social Work	Students of all programmes
23	21VASW06	Parenting	Social Work	All Programme students
24	21VABA01	Basics of Banking	BBA	All Programme students
25	21VABA02	Managing Event Venues	BBA	All Programme students
26	21VABA03	Stock Market Practices	BBA	All Programme students
27	21VACO01	Basic Concepts of Income Tax and GST	Commerce	All Programme students
28	21VACO03P	Tally ERP – 9	Commerce	All Programme students
29	21VACO04P	Art of Aari and Embroidery	Commerce	All Programme students
30	21VACO05P	Beauty Care	Commerce	All Programme students
31	21VAMA01	Vedic Mathematics – I	Maths	All Programme students
32	21VAMA02	Analytical Reasoning Skills	Maths	All Programme students
33	21VAMA03	Quantitative Aptitude – I	Maths	All Programme students
34	21VAMA04	Statistical Techniques using Excel	Maths	All Programme students
35	21VAPH01	Printed Circuit Board Designing	Physics	Students of physics department
36	21VAPH02	Utilization of Solar Energy	Physics	All Programme students
37	21VAPH03	Scientific Training on Software Tools	Physics	All Programme students
38	21VACH01	Hands on Approach to UV-Visible Spectroscopy	Chemistry	Students of all the science programme
39	21VACH02	Chemistry of Cosmetics	Chemistry	All Programme students
40	21VACH03	Homemade Herbal Medicine	Chemistry	All Programme students
41	21VACS01	Python Programming	Computer Science	Students of other programmes
42	21VACS02P	e-Content Development	Computer Science	All Programme students

43	21VACS03P	Introduction to worksheets	Computer Science	All Programme students
44	21VACA01P	Basic Mobile Application Development	BCA	All Programme students
45	21VACA02	Open Broadcaster Software	BCA	All Programme students
46	22VACA04P	Front End Development	BCA	All Programme students
47	22VACA05P	Power point Presentation & Animation	BCA	All Programme students
48	21VAIT01	Data Analysis and Presentation Tools	IT	All Programme students
49	21VAIT02	Content Management Tools	IT	All Programme students
50	21VAIT03	Graphics and Basic Animation Tools	IT	Students of other programmes
51	21VAMB01	Entrepreneurial Microbiology	Microbiology	Microbiology students
52	21VAMB02	Diagnostic Microbiology	Microbiology	Microbiology students
53	21VAMB03	First Aid and Emergency Care	Microbiology	All Programme students
54	21VAMB04	Microbial Inoculant Production Technology	Microbiology	All Programme students
55	21VAMB05	Herbal Cosmetics	Microbiology	All Programme students
56	21VABT01P	Food Adulterants in everyday life	Biotechnology	All Programme students
57	21VABT02P	Water Quality Analysis	Biotechnology	Students of all the science programme
58	21VABT03	Basic of Research for Undergraduates	Biotechnology	All Programme students
59	21VAFS01	Principles of Interior Design	Food Service Management & Dietetics	All Programme students
60	22VAFS01	Food Preservation	Food Service Management & Dietetics	All Programme students
61	22VAFS02	Value addition of Millets	Food Service Management & Dietetics	All Programme students
62	21VAFS03	Nutritional Care for Pregnancy	Food Service Management & Dietetics	All Programme students
63	22VAPE01	Fitness & Yoga	Physical Education	All Programme students
64	22VAFA01	Nattupura nadanangalin varalaru matrum nattupuraviyal	Wings Club	All Programme students

65	21VANC01	NCC for Youth	NCC	All Programme students
66	21VAED01	Skin Care and Hygiene	EDC	All Programme students
67	21VAED02P	Bridal Makeover -Foundation Level	EDC	All Programme students
68	21VAED03P	Bridal Makeover-Advance level	EDC	All Programme students
69	21VAED04P	Hair Styling -Foundation Level	EDC	All Programme students
70	21VAED05P	Hair Styling- Advanced Level	EDC	All Programme students
71	21VAED06P	Tailoring-Basic Level	EDC	All Programme students
72	21VAED07P	Tailoring- Blouse Stitching	EDC	All Programme students
73	21VAED08	Zardosi Designing Level 1	EDC	All Programme students
74	21VAED09P	Mehandi- Traditional	EDC	All Programme students
75	21VAED10P	Mehandi-Modern Art	EDC	All Programme students
76	21VAED11	Baking Skills-Bread Making -I	EDC	All Programme students
77	21VAED12P	Baking Skills - Bread Making -I	EDC	All Programme students
78	21VAED13	Cake Decoration skill	EDC	All Programme students
79	21VAED14P	Bridal flower making	EDC	All Programme students
80	21VAED15P	Cake decoration skill decoration	EDC	All Programme students
81	21VAED16P	Pastry skill sets	EDC	All Programme students
82	21VAED17P	Self Grooming	EDC	All Programme students
83	21VAED18P	Silk Thread Jewellery	EDC	All Programme students
84	21VAED19P	Pedicure	EDC	All Programme students
85	21VAED20P	Manicure	EDC	All Programme students
86	21VAED21P	Nail art	EDC	All Programme students
87	21VAED22P	Tailoring – Cutting Skill	EDC	All Programme students
88	21VAED23P	Indian Snack Making	EDC	All Programme students

89	21VAED24P	Kitchen skills	EDC	All Programme students
90	21VAED25P	Herbal sanitary napkin	EDC	All Programme students
91	21VAED26P	DIY Crafts	EDC	All Programme students
92	21VAED27P	Zardosi Designing – Level II	EDC	All Programme students
93	21VAED28	Ardino Coding - Basics	EDC	All Programme students
94	21VAED29P	Pickle Making	EDC	All Programme students
95	21VAED30P	Jam Making	EDC	All Programme students
96	22VAED31P	3D Printing and IoT Techniques	EDC	All Programme students
97	22VAED32	Traditional Millet Recepties	EDC	All Programme students



காவேரி மகளிர் கல்லூரி (தன்னாட்சி), திருச்சிராப்பள்ளி - 18

தமிழாய்வுத்துறை


மதிப்புக் கூட்டப்பட்ட சான்றிதழ் படிப்புகள்

(2022 - 2023)

வ.எண்	பாடத்தலைப்பு	பாடக்குறியீட்டு எண்
1	கல்வெட்டியல்	21VATA01
2	காமராசரின் ஆளுமை	21VATA02
3	கவிதைப் புனைதல்	21VATA03
4	போட்டித் தேர்வுத் தமிழ் இலக்கணம்	21VATA04
5	திருப்பாவை - திருவெம்பாவை	21VATA05
6	மேடைப் பேச்சு	21VATA06
7	இலத்திரனியல் ஊடகமும் வேலைவாய்ப்பும் (Electronic Media and Job Opportunity)	21VATA07
8	Introduction To Job Oriented Competitive Examinations	21VAPS01

  
22/7/22  
பேரா.முனைவர் ச.இராமலட்சுமி  
நுலைவர், தமிழாய்வுத்துறை  
காவேரி மகளிர் கல்லூரி (தன்னாட்சி)  
திருச்சி - 620 018



  
22.7.22  
Principal  
Cauvery College For Women  
(Autonomous)  
Annamalai Nagar,  
Tiruchirappalli - 620 018.  
Tamilnadu.

தமிழாய்வுத்துறை		
மதிப்புக் கூட்டப்பட்ட படிப்பு	கல்வெட்டியல்	30 மணி
பாடக் குறியீடு <b>21VATA01</b>	அனைத்துத் துறை மாணவியருக்கானது	அறிமுகப்படுத்தப்பட்ட நாள் 05.10.2021

### நோக்கம்

1. தமிழின் தொன்மையை உணரச்செய்தல்
2. எழுத்துகளின் வகையை அறியச் செய்தல்
3. கல்வெட்டுகளின் பாரம்பரியத்தை எடுத்துரைத்தல்

### COURSE OUTCOMES

இப்பாடத்தினைப் பயில்வதால் மாணவியர் பெறும் திறன்கள்

CO.NO	CO STATEMENT	KNOWLEDGE LEVEL
CO1	தமிழ் மொழியின் தொன்மையை அறிதல்	K1
CO2	எழுத்துக்களின் வகை, எழுதும் முறைகளை விளக்குதல்	K2
CO3	கல்வெட்டுகளில் காலக்கணிப்பு முறைகளைப் பகுத்தறிதல்	K3
CO4	கல்வெட்டுகள் படியெடுத்தல்	K4

### பாடத்திட்டம்

அலகு 1 :

(6 மணி)

கல்வெட்டியல் ஓர் அறிமுகம் - எழுத்துக்களின் தோற்றம் - எழுத்துக்களின் வகைகள் - இந்திய எழுத்துக்களின் தோற்றம் - எழுது பொருட்கள் - அசோகன் பிராமி - கரோஷ்டி.

அலகு 2 :

(6 மணி)

தமிழ் எழுத்துக்களின் தோற்றம் - தமிழ் அறிமுகம் - தமிழ் எழுத்துப் பயிற்சி - தமிழிக் கல்வெட்டுக்கள்

அலகு 3 :

(6 மணி)

வட்டெழுத்து அறிமுகம் - வட்டெழுத்தின் வளர்ச்சி - வட்டெழுத்துப் பயிற்சி - நடுகற்கள் - கிரந்தம் - கிரந்த எழுத்துக்களின் தோற்றம் - வளர்ச்சி - கிரந்த எழுத்துப் பயிற்சி.- கிரந்தக் கல்வெட்டுக்கள்.

அலகு 4 :

(6 மணி)

தமிழ்க் கல்வெட்டுகள் அறிமுகம் - பல்லவர் - சோழர் - பாண்டியர் - காடவராயர் - சம்புவராயர் - விஜயநகரர் - நாயக்கர் - மராட்டியர் - சேதுபதி அரசர்கள் - பிற அரச குலங்கள். - கல்வெட்டுகளின் அமைப்பு.

அலகு 5 :

(6 மணி)

கல்வெட்டுகளில் காலக்கணிப்பு முறைகள் - கலி - சக - கொல்லம் - ஆண்டுகள் - வியாழவட்டம் - பஞ்சாங்கக் குறிப்புகள் - ஆட்சியாண்டு - எதிராமாண்டு - எழுத்தமைதி அடிப்படையில் காலம் - செப்பேடுகள் - கல்வெட்டுகள் படியெடுத்தல் - படித்தல் பயிற்சி.

பார்வை நூல்கள் :

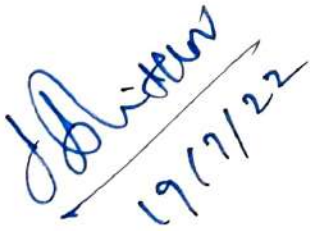
வ.எ.	ஆசிரியர்	நூல்	பதிப்பகம்	ஆண்டு
1	K. ராஜன்	கல்வெட்டியல்	மனோ பதிப்பகம்	2003
2	நாகசாமி .R நடன. காசிநாதன், K. தாமோதரன், S.ஹரிஹரன்	கல்வெட்டியல்	தொல்லியல்துறை தமிழ்நாடு அரசு	2010
3	K.K.பிள்ளை சென்னை 1978	தமிழக வரலாறும் மக்கள் பண்பாடும்	தமிழ்நாடு பாடநூல் கழகம்	1978
4	Mahalingam, T.V	Early South Indian Palaeography	University of Madras,	1967

கற்பித்தல் முறைகள் :

விரிவுரை, PPT, எழுத்துப் பளிற்சி, கலந்தாய்வு.

தாள் வடிவமைப்பாளர்

1. முனைவர் வி.கவிதா, இணைப்பேராசிரியர், தமிழாய்வுத்துறை, காவேரி மகளிர் கல்லூரி (தன்னாட்சி), திருச்சிராப்பள்ளி - 18
2. முனைவர் எஸ்.வசந்தி, மேனாள் தொல்லியல் துணைக்கண்காணிப்பாளர், தமிழ்நாடு தொல்லியல் துறை, சென்னை.

  
19/11/22

**பேரா.முனைவர் ச.இராமலட்சுமி**  
தலைவர், தமிழாய்வுத்துறை  
காவேரி மகளிர் கல்லூரி (தன்னாட்சி)  
திருச்சி - 620 018



தமிழாய்வுத்துறை		
மதிப்புக் கூட்டப்பட்ட சான்றிதழ் படிப்பு	காமராசரின் ஆளுமை	30 மணி நேரம்
பாடக்குறியீடு - 2.1 VATA02	(அனைத்து துறை மாணவியருக்கானது)	அறிமுகப்படுத்தப்பட்ட நாள் 05.10.2021

### நோக்கம்

1. மாணவர்களிடையே பன்முக ஆளுமைத் திறனை வளர்க்கச் செய்தல்.
2. உழைப்பு, உண்மை விடாமுயற்சியினை தூண்டுதல்.
3. தலைமைப் பண்பை இளைய சமுதாயத்திடம் விதைத்தல்.

### COURSE OUTCOMES

இப்பாடத்தினைப் பயில்வதால் மாணவியர் பெறும் திறன்கள்

CO.NO	CO STATEMENT	KNOWLEDGE LEVEL
CO1	தனித்திறன் மேம்பாட்டை வெளிக்கொணரச் செய்தல்	K1
CO2	வாழ்வியல் முறையையும் எளிமையையும் வெளிப்படுத்துதல்	K2
CO3	காமராசரின் சமூகப்பார்வை மற்றும் பணியை மதிப்பிடல்	K3
CO4	ஆட்சித்திறன் மற்றும் மக்களின் மேம்பாட்டினை மதிப்பிடல்	K4
CO5	கல்விப் பணியையும் அணுகுமுறையையும் ஆராய்தல்	K5

### பாடத்திட்டம்

#### அலகு 1 : (6மணி)

தொடக்ககால வாழ்க்கை - சிறை வாழ்க்கையும் படிப்பும் - காமராசரின் பொது வாழ்க்கை - இறுதிக்காலம்.

#### அலகு 2 : (6மணி)

அரசியல் குரு - தமிழக ஆட்சிப்பொறுப்பு - அமைச்சரவை - முதலமைச்சராக ஆற்றிய பணிகள் - தேர்தல் தேர்வு.

#### அலகு 3 : (6மணி)

காமராசர் காலம் ஏன் பொற்காலம்? - முதல் திருத்தத்தின் மூலவர் - சமூக நீதிக்கான ஆட்சி - கல்விப் புரட்சி - எளிமையும் உண்மையும் .

அலகு 4 : (6மணி)

தொழில் வளர்ச்சி - தொழிற்பேட்டைகள் - பாசனத் திட்டங்கள் - மின் உற்பத்தி - நிலச்சீர்திருத்தம் - பஞ்சாயத்து ராஜ்.

அலகு 5 : (6மணி)

காமவீரர் காமராசர் ஆட்சியின் சாதனைகள் - நினைவுச் சின்னங்கள் - திரைப்படங்கள் காமராசர் பற்றிய கருத்துக்கள்,

பாட நூல் :

வ.எண்	ஆசிரியர்	நூல்	பதிப்பகம்	ஆண்டு
1	எஸ். கே. முருகன்	பெருந்தலைவர் காமராசர்	விகடன் பதிப்பகம் சென்னை- 2	2011

பார்வை நூல்கள் :

வ.எண்	ஆசிரியர்	நூல்	பதிப்பகம்	ஆண்டு
1	கோபி சரபோஜி	வாழ்வம் அரசியலும்	கிழக்குப் பதிப்பகம் சென்னை- 17	2014

கற்பித்தல் முறைகள் :

கலந்தாய்வு, வினாடி வினா, திட்டக்கட்டுரை, கரும்பலகை, குழு விவாதம்

பாடநெறி வடிவமைப்பாளர் :

முனைவர் பா. கவிதா, உதவிப்பேராசிரியர்,

தமிழாய்வுத்துறை

காவேரி மகளிர் கல்லூரி (தன்னாட்சி)

திருச்சி - 18

முனைவர் க. ராதிகா, உதவிப்பேராசிரியர்,

தமிழாய்வுத்துறை

காவேரி மகளிர் கல்லூரி (தன்னாட்சி)

திருச்சி - 18

  
19/7/22

பேரா.முனைவர் ச.இராமலக்ஷ்மி  
தலைவர், தமிழாய்வுத்துறை  
காவேரி மகளிர் கல்லூரி (தன்னாட்சி)  
திருச்சி - 620 018

தமிழாய்வுத்துறை		
மதிப்புக் கூட்டப்பட்ட படிப்பு	கவிதைப் புனைதல்	30 மணி
பாடக் குறியீடு 21VATA03	அனைத்துத் துறை மாணவியருக்கானது	அறிமுகப்படுத்தப்பட்ட நாள் 05.10.2021

### நோக்கம்

- புதிய படைப்பாளிகளை இனங்கண்டு ஊக்குவித்தல்
- இளம் மாணவர்களின் புதிய சிந்தனைகளைத் தூண்டுதல்
- கவிதை படைத்தலின் வழி மாணவ சமுதாயத்திற்கு சமூகம் பற்றி விழிப்புணர்வை ஊட்டுதல்
- புதுக்கவிதை, ஹைக்கூ கவிதை முதலான புதிய இலக்கிய வடிவங்களை அறிமுகப்படுத்துதல்.

### பயன்கள்

- கவிதை எழுதும் ஆற்றலை ஊக்குவித்தல்.
- கவிதைகளின் தனித்தன்மைகளைக் கற்றுத்தருதல்
- கவிதையின் பல்வேறு கூறுகளை (வகைகளை)க் கற்பித்தல்

### COURSE OUTCOMES

இப்பாடத்தினைப் பயில்வதால் மாணவியர்பெறும் திறன்கள்

CO No.	CO Statement	Knowledge Level
CO1	புதுக்கவிதைகள் புனையும் முறையை அறிதல்	K1
CO2	ஹைக்கூ மற்றும் சென்றியு கவிதை எழுதும் முறையை விவரித்தல்	K2
CO3	கவிதை புனைதல் வழியாக கற்பனைத் திறன் பெறுதல்	K3
CO4	கவிதைகள் மூலம் வாழ்வியல் நெறிகளை இணைத்தறிதல்	K4
CO5	கவிதையின் வகைகளை இனங்காணச் செய்தல்	K3

### பாடத்திட்டம்

அலகு : 1

கவிதை வகைகள் (மரபுக்கவிதை, புதுக்கவிதை, ஹைக்கூ, சென்றியு...) - விளக்குதல்

அலகு : 2

(6 மணி)

மரபுக் கவிதை - புதுக்கவிதை - வேறுபாடுகள்

அலகு : 3

(6 மணி)

புதுக்கவிதை விளக்கம் - பாடுபொருள் அறிதல் - பயிற்றுவித்தல் - உத்திகள் - பயிற்சிகள்

அலகு : 4

(6 மணி)

ஹைக்கூ கவிதை விளக்கம் - நுணுக்கம் கற்றல் - பயிற்றுவித்தல் - உத்திகள் - ஹைக்கூ கவிதை எழுதச் செய்தல்

அலகு : 5

(6 மணி)

சென்ரியு கவிதை விளக்கம் - கவிதை இயற்றும் ஈடுபாடு - நுணுக்கம் கற்றல் - பயிற்றுவித்தல் - உத்திகள் - பயிற்சிகள்

பார்வை நூல்கள் :

வ.எ.	ஆசிரியர்	நூல்	பதிப்பகம்	ஆண்டு
1	முனைவர் பெ.சுபாசு சந்திரபோசு	எது புதுக்கவிதை?	சுபாலிகா பதிப்பகம்	2003
2	முனைவர் ச. அகத்தியலிங்கம்	கவிதை உருவாக்கம் தொகுதி 1	மணிவாசகர் பதிப்பகம்	2012
3	முனைவர் ச. அகத்தியலிங்கம்	கவிதை உருவாக்கம் தொகுதி 2	மணிவாசகர் பதிப்பகம்	2016
4	கி.வா. ஜகன்நாதன்	கவி பாடலாம்	அமுத நிலைய பதிப்பகம்	2012

இணையதளம் :

<http://www.tamilvu.org/ta/courses-degree-p203-p2031-html-p2031440-29902>

<http://dhivyabharathy51097.blogspot.com/2017/04/blog-post.html>

கற்பித்தல் முறைகள்

விரிவுரை, குழுக் கலந்தாய்வு, கரும்பலகை, பயிற்சி

தாள் வடிவமைப்பாளர்

முனைவர் மு.அனு, உதவிப்பேராசிரியர், தமிழாய்வுத்துறை, காவேரி மகளிர் கல்லூரி (தன்னாட்சி), திருச்சிராப்பள்ளி - 18

*M. Anu*  
19/7/22

பேரா.முனைவர் ச.இராமலட்சுமி  
காவேரி மகளிர் கல்லூரி (தன்னாட்சி)  
திருச்சி - 620 018

தமிழாய்வுத்துறை		
மதிப்பு கூட்டப்பட்ட படிப்பு	போட்டித் தேர்வுத் தமிழ் இலக்கணம்	30 மணி நேரம்
பாடக் குறியீடு : 21 VATA04	அனைத்துத் துறை மாணவியருக்கும் உரியது	பாடம் அறிமுகப்படுத்தப்பட்ட நாள் 05.10.2021

நோக்கம்

1. போட்டித் தேர்விற்குரிய இலக்கணப் பகுதிகளை அறியச் செய்தல்
2. தமிழ் இலக்கண அமைப்பைத் தேர்வுக்கேற்ற முறையில் பயிற்றுவித்தல்
3. பிழையின்றித் தமிழ் எழுதக் கற்றுத்தருதல்
4. போட்டித் தேர்வை எதிர்கொள்ளும் திறன் பெறச் செய்தல்

## COURSE OUTCOMES

இப்பாடத்தினைப் பயில்வதால் மாணவியர் பெறும் திறன்கள்

CO No.	CO Statement	Knowledge Level
CO1	போட்டித் தேர்விற்குரிய தமிழ் இலக்கணப் பகுதிகளைக் கண்டறிதல்	K1
CO2	சொற்கள் மற்றும் வாக்கிய வகைகளைக் கண்டறிந்து விளக்குதல்	K2
CO3	சொற்களைப் பிழையின்றிப் பயன்படுத்துதல்	K3
CO4	தமிழ் இலக்கண அமைப்பினைப் போட்டித் தேர்வுகளுக்கு ஏற்றவகையில் ஆராய்ந்தறிதல்	K4

பாடத்திட்டம்

அலகு 1 : (6 மணி)

வேர்ச்சொல்லைக் கண்டறிதல் - வேர்ச்சொல்லிலிருந்து சொற்களை உருவாக்குதல் - ஒலி வேறுபாடறிந்து சொற்களின் சரியான பொருள் அறிதல் - ஒரெழுத்து ஒருமொழி

அலகு 2 : (6 மணி)

இலக்கணக் குறிப்பறிதல் - பெயர் வகைகள் - வினை வகைகள் - பெயரடை - வினையடை - இடைச்சொற்கள்

அலகு 3 : (6 மணி)

வாக்கிய வகைகள் - தன்வினை, பிறவினை, செய்வினை, செய்ப்பாட்டு வினை  
வாக்கியங்கள்

அலகு 4 : (6 மணி)

பிழை திருத்தம் - சந்திப்பிழை நீக்குதல் - ஒருமை பன்மைப் பிழைகளை நீக்குதல்  
- வழுஉச் சொற்களை நீக்குதல் - பிறமொழிச் சொற்களை நீக்குதல்

அலகு 5 : (6 மணி)

உவமை விளக்கம், வகைகள் - எதுகை, மோனை, இயைபு அறிதல்

பார்வை நூல்கள் :

வ.எண்	ஆசிரியர்	நூல்	பதிப்பகம்	ஆண்டு
1	அ.கி.பரந்தாமனார்	நல்ல தமிழ் எழுத வேண்டுமா	அல்லி நிலையம், சென்னை - 7	1988
2	ஆறுமுக நாவலர்	தமிழ் இலக்கணம்	முல்லை நிலையம், சென்னை	1993
3	எம்.ஏ.நுஃமான்	அடிப்படைத் தமிழ் இலக்கணம்	அடையாளம் பதிப்பகம், திருச்சி	1997
4	ந.மு.வேங்கடசாமி நாட்டார் (உ.ஆ.)	யாப்பருங்கலக்காரிகை	சாரதா பதிப்பகம், சென்னை	2010
5	கொ.இராமலிங்கத் தம்பிரான்	தண்டியலங்காரம்	கழக வெளியீடு, சென்னை	1938
6	டாக்டர் சங்கர நாராயணன்	பொதுத்தமிழ்க் களஞ்சியம்	விகடன் பிரசுரம், சென்னை	2012
7	சி.கலா சின்னதுரை	பொதுத்தமிழ்	விகடன் பிரசுரம், சென்னை	2012

கற்பித்தல் முறைகள்

கலந்தாய்வு, வினாடி வினா, திட்டக்கட்டுரை, கரும்பலகை, குழு விவாதம், படக்காட்சிவழி விளக்கம்

பாட உருவாக்கம்

முனைவர் மா.ஆசியா தாரா, உதவிப் பேராசிரியர், தமிழாய்வுத்துறை.



பேரா.முனைவர் ச.இராமலட்சுமி  
தலைவர், தமிழாய்வுத்துறை  
காவேரி மகளிர் கல்லூரி (குன்னாட்சி)  
திருச்சி - 620 018

12/17/22

தமிழாய்வுத்துறை		
மதிப்புக் கூட்டப்பட்ட படிப்பு	திருப்பாவை - திருவெம்பாவை	30 மணி
பாடக் குறியீடு <b>21VATA05</b>	அனைத்து துறை மாணவியருக்கானது	அறிமுகப்படுத்தப்பட்ட நாள் 05.10.2021

### நோக்கம்

1. பாசுரங்களின் வழி பக்தி இலக்கியச்சிறப்பை உணர்த்துதல்.
2. மனதை ஒருநிலைப்படுத்தும் திறனை வளர்த்தல்.
3. தமிழர்களின் இந்து சமயங்களான சைவ, வைணவ பெருமையினை எடுத்துரைத்தல்.

### பயன்கள்

1. சைவ, வைணவ இலக்கியங்களை ஒப்பிட்டு அறிவர்.
2. பக்திச் சுவைப் பெறுவர்
3. ஆண்டாள், மாணிக்கவாசகரின் தனித்தன்மைகளை அறிவர்.

### COURSE OUTCOMES

இப்பாடத்தினைப் பயில்வதால் மாணவியர் பெறும் திறன்கள்

CO No.	CO Statement	Knowledge Level
CO1	சைவ, வைணவ இலக்கியங்களுக்கிடையேயான தனித்தன்மைகளை மதிப்பிடுதல்	K5
CO2	சைவ, வைணவ இலக்கியங்களின் வழி சமுதாய நிலையை ஆராய்ந்தறிதல்	K4
CO3	பாசுரங்களின் அடிப்படை நோக்கம் குறித்து விளக்குதல்	K2
CO4	மனித குல மேம்பாட்டிற்கான கொள்கைகளைத் திட்டமிடல்	K6
CO5	புக்திப்பாடல்கள் காட்டும் வாழ்வியல் விழுமியங்களைப் பயன்படுத்துதல்	K3

### பாடத்திட்டம்

- அலகு : 1 (6 மணி)  
 திருப்பாவை - 1 முதல் 10 பாசுரங்கள் வரை
- அலகு : 2 (6 மணி)  
 திருப்பாவை - 11 முதல் 20 பாசுரங்கள் வரை

அலகு : 3

திருப்பாவை - 21 முதல் 30 பாசுரங்கள் வரை

(6 மணி)

அலகு : 4

திருவெம்பாவை - 1 முதல் 10 பாடல்கள் வரை

(6 மணி)

அலகு : 5

திருவெம்பாவை - 11 முதல் 20 பாடல்கள் வரை

(6 மணி)

பார்வை நூல்கள்

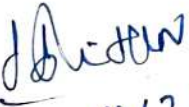
வ.எ.	ஆசிரியர்	நூல்	பதிப்பகம்	ஆண்டு
1	டாக்டர் நாராயணவேலு பிள்ளை	நாலாயிரத் திவ்யப் பிரபந்தம்	முல்லை நிலையம்	2000
2	ஸ்ரீமத் சுந்தரமூர்த்தி (ப.ஆ)	பன்னிரு திருமுறைகள்	ஞானசம்பந்தம் பதிப்பகம்	2011

**கற்பித்தல் முறைகள்**

குழுக் கலந்தாய்வு, வினாடிவினா, திட்டக்கட்டுரை, கரும்பலகை, விவாதம், இசையோடு  
ஓதுதல், ஒப்புவித்தல்

தாள் வடிவமைப்பாளர்

முனைவர் இர.கீர்த்தனா, உதவிப்பேராசிரியர், தமிழாய்வுத்துறை, காவேரி மகளிர்  
கல்லூரி (தன்னாட்சி), திருச்சிராப்பள்ளி - 18

  
19/7/22

பேரா.முனைவர் ச.இராமலட்சுமி  
தலைவர், தமிழாய்வுத்துறை  
காவேரி மகளிர் கல்லூரி (தன்னாட்சி)  
திருச்சி - 620 018



தமிழாய்வுத்துறை		
மதிப்புக் கூட்டப்பட்ட படிப்பு	மேடைப்பேச்சு	30 மணி
பாடக் குறியீடு 21VATA06	அனைத்துத் துறை மாணவியருக்கானது	அறிமுகப்படுத்தப்பட்ட நாள் 05.10.2021

### நோக்கம்

- மேடைப்பேச்சின் முக்கியத்துவத்தை உணர்த்தல்
- மேடையில் பேசும் வழிமுறைகளைக் கற்பித்தல்
- மேடைப்பேச்சாளர்களை உருவாக்குதல்
- தனித்தியங்கும் திறன் பெற வழிவகை செய்தல்

### பயன்கள்

- பேச்சின் முக்கியத்துவத்தை அறிவர்
- பேச்சாளர்களாக உருமாறி பயன் பெறுவர்
- தன்னம்பிக்கையுடன் வலம் வருவர்

### COURSE OUTCOMES

இப்பாடத்தினைப் பயில்வதால் மாணவியர்பெறும் திறன்கள்

CO No.	CO Statement	Knowledge Level
CO1	காலமாற்றத்திற்கேற்ப மேடைப்பேச்சை வகைப்படுத்தி அறியச்செய்தல்	K1
CO2	பங்கேற்பாளர்களின் தன்மை அறிந்து உரையாற்ற தயார் செய்தல்	K4
CO3	மேடைப்பேச்சில் கையாளவேண்டிய உத்திகளை விளக்குதல்	K2
CO4	துகவல் தொழில்நுட்ப சாதனங்களின் வாயிலாக தங்களை முன்னிலைப்படுத்த ஊக்குவித்தல்	K6
CO5	மேடைப்பேச்சுக்கலை வாயிலாக பொருளாதார சிக்கலுக்குத் தீர்வு காணுதல்	K3



DEPARTMENT OF TAMIL		
VALUE ADDED COURSE	ELECTRONIC MEDIA AND JOB OPPORTUNITY	30 HOURS
COURSE CODE : 21VATA07	(Students Of All Programme)	INTRODUCTION OF PAPER 05.10.2021

### OBJECTIVES :

To introduce students to the historical growth of electronic media.

### COURSE OUTCOMES :

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	To Explain the students with special focus to Cinema, Radio and Television programme productions, New media	K1
CO2	To Describe the students in the areas of Media research, Media management, Advertising and Corporate communication	K2
CO3	Students to apply to be aware of the Media impact on Culture and Society, Ethical and Legal aspects of Media profession	K3
CO4	To classify in multimedia and emerging communication technology	K4

### Unit : I (8 Hours)

**Introduction to Electronic Media:** Introduction to Mass media, Electronic media, Print, Radio, Cinema, Television, Internet, New media, Media Laws and ethics.

### Unit : II (4 Hours)

**Cinema:** Characteristics; Origin and development of cinema in India – silent and talkies era, cinema after independence, commercial and new wave cinema; Status of the Indian film industry.

### Unit : III (8 Hours)

**Television Production process:** Television Characteristics, History of Indian television- DD: Organizational setup, Private television channels in India; Educational television, Status and trends in television broadcasting, Television production format, programme contents, News Gathering and Writing, Presentation Skills.

### Unit : IV (4 Hours)

**Radio programme Production:** Characteristics of radio, historical perspective of AIR; organizational setup; Commercial radio; Educational radio; Emerging trends; AM & FM;

Community radio; Internet Radio, Status of radio in world. News Gathering and Writing for Presentation & Reporting Skills.

Unit : V

(6 Hours)

**New Media:** Computer revolution and its impact; Growth of online Journalism; Alternate media, Media convergence, Problems and prospects of new media, Social media.

**Reference Books :**

S. No.	Author	Title	Publishers	Year of Publication
01	Afeque Shamci, N.	Electronic Media	Anmol Publication, New Delhi	2006
02	Herbert Zettl	Television Production Handbook	US: Wadsworth	2006
03	Arvind Singhal and Everett M. Rogers	India's Communication Revolution	Sage, London	2001
04	Keval J. Kumar	Mass Communication in India	Jaico, Mumbai	2013
05	S. Moses	The Terminology of Technological Arts	Krushshe Publication, Sri Lanka	2012
06	P.C. Chatterjee	Broadcasting in India	Sage, New Delhi	1991
07	Dan Harries (Ed)	The New Media Book	Bloomsbury, London	2002

**Pedagogy :**

Lecture, Power Point Presentation, Group Discussion

**Course Designer :**

Dr. P. Sasireha, Assistant Professor, Department of Tamil, Cauvery College for Women, Trichy.

Dr. S. Moses, Founder, Yezhukural Social Research Institution, Sri Lanka.

*Handwritten signature*  
19/7/22

பேரா.முனைவர் ச.இராமலக்ஷ்மி  
தலைவர், தமிழாய்வுத்துறை  
வாழ்வு மகளிர் கல்வாரி (தள்ளாடாதி)  
திருச்சி - 620 018

<b>Cauvery College for Women (Autonomous), Tiruchirappalli – 620018</b>		
<b>Value Added Course</b>	<b>Introduction to Job oriented Competitive Examinations</b>	<b>40 Hours</b>
<b>Course Code : 21VAPS01</b>	<b>Offered to students of all Programmes</b>	<b>Course Introduction date 09.10.2021</b>

**Objectives :**

- To create awareness and enthusiasm about Job oriented Competitive Examinations
- To give insights of Job oriented Competitive Examinations
- To provide the basic knowledge of necessary Pre- Examination preparations
- To acquire the knowledge of collecting Current Affairs

**Course Outcomes :**

On the successful completion of this course, students will able to:

<b>CO No.</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
CO1	Understand the basics of Job oriented Competitive Examinations	K1
CO2	Explain the syllabus structure of Job oriented Competitive Examinations	K2
CO3	Classify various types of Job oriented Competitive Examinations	K3
CO4	Apply the guidelines to collect the current affairs	K3

**Unit I :**

**(6 Hours)**

Competitive Examinations - Importance - Types - Job oriented Competitive Examinations - levels

Staff Selection Commission - History - Functions - Examinations - CGL - CHSL - GD - CPO - MTS - Stenographer - FCI - Eligibility - Syllabus Orientation - Question Paper Pattern

**Unit II :** (6 Hours)

Union Public Service Commission - History - Functions - Examinations - Eligibility  
Civil Service Examinations - Syllabus orientation - Preliminary Examination - Main Examination - Interview - Guidelines to choose Optional Subject - Question Paper Pattern

**Unit III :** (6 Hours)

Railway Recruitment Board - Functions - Examinations - NTPC - Group D - Eligibility - Syllabus Orientation - Question Paper Pattern

ISRO Examination - Defence Examinations - Postal Examinations - Court Recruitment - TNEB Recruitment - Eligibility - Syllabus Orientation - Question Paper Pattern

**Unit IV :** (6 Hours)

Bank Requirement Exams - IBPS Exams - SBI Exams - NABARD Exam - RBI Exams - Private Bank Exams - Eligibility - Syllabus Orientation - Question Paper Pattern

Life Insurance Companies Exams - Eligibility - Syllabus Orientation - Question Paper Pattern

**Unit V :** (10 Hours)

Structure of Tamilnadu Public Service Commission - History - Functions - Group Examinations - Eligibility - Syllabus orientation - Question Paper Pattern

**Unit VI :** (6 Hours)

Guidelines to collect Current Affairs - Daily Submission of Current Affairs

**Books for Reference :**

S.No	Author	Book	Publisher	Year
1	Nishant Jain IAS	All about UPSC Civil Services Exam	Prabhat Prakashan Publications, NewDelhi	Jan 2017
2	M.S.Narayan	How to prepare UPSC Examination	Notion Press, Chennai.	July 2020

## Reference Links :

<https://ssc.nic.in/>

<https://upsc.gov.in/>

<http://www.rrbcdg.gov.in/>

<https://www.isro.gov.in/careers>

<http://defenceexam.com/>

<https://www.indiapost.gov.in/VAS/Pages/Content/Recruitments.aspx?Category=Recruitment>

<https://www.tangedco.gov.in/>

<https://ibps.in/>

<https://sbi.co.in/web/careers>

<https://www.nabard.org/careers-notices1.aspx?cid=693&id=26>

<https://www.rbi.org.in/>

<https://licindia.in/Bottom-Links/careers>

<https://www.tnpsc.gov.in/>

<https://www.mhc.tn.gov.in/recruitment/login>

<https://www.thehindu.com/>

<https://indianexpress.com/>

<https://timesofindia.indiatimes.com/>

<https://www.readersdigest.in/>

## Pedagogy

Lecture, Power Point Presentation, Group Discussion, Seminar, Quiz, Assignment

## Course Designer

Dr.M.Asiathara, Assistant Professor, Department of Tamil.

*Dr. M. Asiathara*  
19/7/22

பேரா.முனைவர் ச.இராமலக்ஷ்மி  
தலைவர், தமிழாய்வுத்துறை  
காவேரி மகாநிர் கல்வியாதி (தொண்டி) உ.  
திருச்சி - 620 018

**CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)**  
**DEPARTMENT OF ENGLISH**  
**VALUE ADDED COURSE – COURSE CODE: 21VAEN01**  
**ENGLISH FOR EFFECTIVE COMMUNICATION**

S.No	Course Code	Title	Category	L	T	P	Credit
1.	21VAEN01	<b>ENGLISH SPEAKING CORSE</b>	Value Added Course	20	-	10	

**OBJECTIVES:**

The main goal of this course is to help you improve your spoken English skills to enable you to communicate more effectively in English. The general expectation for certification is the ability to communicate in English without great effort or misunderstanding for all students involved. Our goal is to assist the student in developing skills

**COURSE OUTCOMES:**

On the successful completion of this course, the students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Classify key ideas and terms in a spoken and written text.	K4
CO2	Demonstrate knowledge of communication skills	K3
CO3	Improve their speaking ability in English both in terms of fluency and comprehensibility	K3
CO4	Compare competence in the four modes of literacy: Listening, Speaking, Reading and Writing	K5





C05	Develop Competence in reading skills and reading speed	K6
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## SYLLABUS

### UNIT I

Meeting People, Exchanging Greetings and Taking Leave-Introducing Yourself -Introducing People to Others-Giving Personal Information - Talking about People ,Animals and Place

### UNIT II

Answering the Telephone and Asking for Someone-Dealing with a Wrong Number-Taking and Leaving Messages-Making Inquiries on the phone- Calling for Help in an Emergency

### UNIT III

Getting People's Attention and Interrupting-Giving Instructions and Seeking Clarifications-Making Requests and Responding to Requests- Asking for Directions and Giving Directions  
Thanking Someone and Responding to Thanks

### UNIT IV

Inviting, and Accepting and refusing an Invitation -Apologizing and Responding to an Apology-Congratulating and Responding to Congratulations-Paying Compliments, Showing Appreciation, Offering Encouragement and Responding to them- Asking for, Giving and Refusing Permission

### UNIT V

Asking for and Giving an Opinion -Agreeing and Disagreeing with Opinions  
Seeking and Giving Advice and Making Suggestions-Persuading and Dissuading People  
Making a complaint and Responding to One



Reference:

1.Kamlesh Sadanand and Susheela Punitha  
Spoken English : A Foundation Course –Part I  
Orient Black Swan 2008

2.P.Sasikumar and P.V.Dhamija Spoken English  
Tata McGraw Hill, New Delhi 2001

Pedagogy: Group  
Discussion, Quiz,  
Assignment

Course Designer:  
Dr.Prema Joshua  
Ms.C.Chithra & Ms.A. Edel Flora Mary



**CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)**  
**PG DEPARTMENT OF ENGLISH**  
**VALUE ADDED COURSE – COURSE CODE: 21VAEN02**  
**LEADERSHIP FOR PROFESSIONAL**

S.No	Course Code	Title	Category	L	T	P	Credit
1	21VAEN02	LEADERSHIP FOR PROFESSIONAL	Value Added Course	25	05	-	

**Preamble:**

Leadership is the art of motivating a group of students to act towards achieving their professional goals.

**Objectives:**

The main goal of this course is to help the students to be good leaders. This course will also give them the confidence to face the society as an efficient leader.

**Course outcomes:**

On the successful completion of this course, the students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Classify key ideas regarding leadership qualities	K4
CO2	Adapting interpersonal skills, team development, conflict management, and communication and change skills.	K6
CO3	Accessing knowledge to understand and evaluate organizational, management and leadership problems and possibilities.	K5



CO4	Building knowledge and skills to design and change work organization, to contribute to working environments to organizational learning and success.	K6
CO5	Role play- the purpose of leadership, the ethical dimensions of leadership, and the relationship between leaders and followers in a free society.	K6

## Syllabus

### Unit I

Personal leadership and leadership styles:  
Democratic, Visionary, Coaching, Affiliative, Pacesetter and Commanding.

### Unit II

Appreciative leadership  
Inquiry, Illumination, Inclusion, Inspiration, Integrity

### Unit III

Leadership of change

The 3 C's of Change Leadership: Communicate, Collaborate, Commit.

### Unit IV

Leadership in groups; building and leading efficient teams  
Establish expectations from day one, Respect your team members as individuals, Engender connections within the team, Practice emotional intelligence, Motivate with positivity, Communicate- communicate- communicate, Look for ways to reward good work, Diversify, Find a team you trust.

### Unit V

Conflict management and handling situations

The five conflict management styles: Collaborating, Competing, Avoiding, Accommodating, Compromising

Reference:

1. Simon, Sinok. Portfolio. 2009-Reprinted 2011



2. Sharma, Robin. Leadership Wisdom. Jaico Publishing House. November 2003.
3. Pillai, Radhakrishnan. Corporate Chanakya on Leadership. Jaico Publishing House. 2012.
4. Jgup, Kam. Leader's corner: the learning guide to leadership. Notion Press. 2020.

**Pedagogy: Group Discussion, Team Building, Quiz, Assignment, Role Play**

**Course Designers: Ms. Cecilia Merlin Wilton, Ms. U. Sree Aruna**

**CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)**

**PG DEPARTMENT OF ENGLISH**

**VALUE ADDED COURSE - COURSE CODE: 21VAEN03**

**ENGLISH CAREER ENRICHMENT**

S. No	Course Code	Title	Category	L	T	P	Credit
1.	21VAEN03	ENGLISH CAREER ENRICHMENT	Value Added Course	20	-	10	

**Preamble:**

The course is designed for new learners of English who are interested in advancing their career path and by enriching the language skills to achieve professional goals for a professional outlook.

**Objectives:**

To enhance Vocabulary and its usage

To improve language skills to achieve professional goals by focusing on interview skills.

### **COURSE OUTCOMES**

On the successful completion of this course, the students will be able to



CO Number	CO Statement	Knowledge Level
C01	Understand pronunciation, words and sentences in English	K2
C02	Use English language in a more meaningful way with an enriched word power.	K3
C03	Teach to write professional documents.	K3
C04	To write a clear,concise resume and covering letter.	K6
C05	Develop interviews skills for career enhancement	K6

## SYLLABUS

### UNIT I: LEADERSHIP SKILLS (6 Hours)

Decision Making  
Team Building  
Aspects of Leadership

### UNIT II: AVOID COMMON MISTAKES IN ENGLISH USAGE (6 Hours)

**Vocabulary**  
Commonly Confused Words  
Redundancies

### UNIT III: RESUME WRITING (6 Hours)

Creating an Effective Resume  
Resume Tips and Suggestions  
Covering letter: Tips and Suggestions

### UNIT IV: INTERVIEW SKILLS (6 Hours)

Tips for Improving Interview Skills  
Types of Interviews  
Mock Interview

### UNIT V: GROUP DISCUSSION (6 Hours)

Group Discussion – Introduction  
Useful Sub-Skills  
Importance of Group Discussion



**Reference:**

1. Bhakra WNS and Prabhu NS.English Through Reading Macmillan, India.2008
2. Raman Meenakshi & Sharma Sangeetha, Professional Skills, Oxford University Press,2018.
3. Berry Thomas Elliott The Most Common Mistakes in English. TATA McGraw-Hill, India.2008.
4. Gupta.R Group Duscussions and Interviews. Ramesh Publishing House.2014

**Pedagogy:** Group Discussion, Quiz, Assignment

**Course Designer:** Dr.G.Gayathri, Ms.N.Yoga & Ms.L.Samyuktha

**CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)  
DEPARTMENT OF ENGLISH  
VALUE ADDED COURSE -- COURSE CODE: 21VAEN04  
CELEBRATIONS OF LIFE**

Subject code	Title of the Course	Category	L	T	P	Credit
21VAEN04	Celebrations of life	Value Added Course	25	3	2	

**Course Objective:**

- To facilitate the development of holistic perspective among students towards life
- To inculcate Ethics and Human values into young minds
- To create ethical vision and harmony in life
- Create awareness about understanding SELF

**Course Outcome:**

CO Number	CO Statement	Knowledge Level
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C01	To recognize holistic perspective towards life and profession	K1
C02	Discover essential complementary values and habits to ensure sustained happiness and prosperity	K3
C03	To understand values of human relationship in life	K4
C04	To create a self-motivated individual	K5
C05	Interpreting Indian perspective of life	K6

#### **UNIT – I : EXPERIENCE IS THE GURU**

Social, religious and emotional experience  
Lessons of good and bad experience

#### **UNIT – II: HEALTHY PRACTICES**

Rituals for radiant living  
Breaking out bad life habits

#### **UNIT – III: RELATIONSHIPS**

Importance of relationship in one's life  
How to handle toxic relationships

#### **UNIT – IV: SELF MOTIVATION**

Spencer Johnson -*Who moved my cheese*  
Shiv Kera – *You Can Win*

#### **UNIT – V: INDIAN PHILOSOPHY (PODCAST)**

Vedanta Society – Isha Upanishads

#### Reference:

1. Nithya Pragma. *Celebrating life: 6 Steps to Complete Blossoming of Your Consciousness*. Penguin Random Book House, 2020.
2. Khera, Shiv. *You Can Win: A step-by-Step tool for Top Achievers*. A&C Black, 2014.
3. Johnson, Spencer. *Who Moved My Cheese*. Putnam Adult, 1998





4. Sharma, Robin. *The Greatness Guide: Powerful Secrets for Getting World Class*. Harper Collins, 2006.

**Pedagogy:** Group Discussion, Quiz, Assignment

**Course Designer:** Ms. Vanmathi Siva & Ms. S. Srinithi

**CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)  
DEPARTMENT OF ENGLISH  
VALUE ADDED COURSE – COURSE CODE: 21VAEN05  
FOOD, TRAVEL AND CULTURE**

<b>COURSE CODE</b>	<b>TITLE OF THE PAPER</b>	<b>CATEGORY</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>CREDIT</b>
21VAEN05	FOOD, TRAVEL AND CULTURE	Value Added Course	30	18	12	

**Preamble:**

This course discloses students to culture and food travel as a product. The course introduces students to the field of cultural and heritage tourism.

**Objective:**

To introduce students to the varied food and culture of places and people, through the eyes of lifestyles and artifacts

To build the consciousness of the students into understanding how to interface with tourists from various environments and a deep respect for places of interest.



## COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
C01	To teach role that tourism plays in the food production and consumption of culture;	K3
C02	Connect the diverse nature of travelling, including food, culture and place, global/local perspectives	K4
C03	Appraise empathy and respect for diversity and multicultural perspectives	K5
C04	critical understanding of the relationships between culture, heritage and tourism	K5
C05	Review tourism practices for their implications locally and globally.	K6

## SYLLABUS

### UNIT I – INTRODUCTION TO FOOD, TRAVEL AND CULTURE (6)

What is tourism? What is culture? - Defining Food Tourism and Culture  
Tourism – Funding Recourses for Tourism – Asian Food and Culture

### UNIT II – INDIAN FOOD, TRAVEL AND CULTURE (6)

Bengali – Guajarati – Kashmiri – Punjabi – South Indian

### UNIT III – CHINESE FOOD, TRAVEL AND CULTURE (6)

Beijing – Xi'an – Guilin – Chengdu

### UNIT IV – GULF COUNTRIES FOOD, TRAVEL AND CULTURE (6)

United Arab Emirates – Saudi Arabia – Kuwait – Bahrain – Iraq – Oman

### UNIT V- SRI LANKAN FOOD, TRAVEL AND CULTURE (6)

Northern Province – Southern Province – Food, Travel and Culture of other Continents – An Overview

### Reference :

1.Gupta, SP Lal & K. Bhattacharya.M. Cultural Tourism in India. DK Print. 2003



2. Michel, M. & Cotman Introduction to travel and Tourism: An international Approach, Van Nostrand Reinhold, New York. 1989.
3. Hall, Michael. C. Tourism in South and South East Asia: Issues and Cases. Routledge; 1st edition. 2000.
4. Vijay Dhawan, Food and Beverage Service; Frank Bros Ltd. Frank Bros Publishers. 2008

**Pedagogy:** Group Discussion, Quiz, Assignment

**Course Designer:** Ms. T. Mothika & Dr. S. Senthilkumari

**CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)  
PG DEPARTMENT OF ENGLISH  
VALUE ADDED COURSE -- COURSE CODE: VAEN06  
BUSINESS COMMUNICATION**

<b>COURSE CODE</b>	<b>TITLE OF THE PAPER</b>	<b>CATEGORY</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>CREDIT</b>
22VAEN06	<b>BUSINESS COMMUNICATION</b>	Value Added Course	30	29	1	

**Preamble:**

To empower the learners with effective Business Communication Skills.

**Objectives:**

To develop global communication competency in learners

To develop effective communication skills to make them speak

confidently, personally as well as in groups

**Course Outcomes:**

On the successful completion of this course, the students will be able to

CO Number	CO Statement	Knowledge Level
C01	Identify clear and concise written business documents.	K1
C02	Demonstrate the use of basic and advanced business writing skills.	K2
C03	Employ proper public speaking techniques.	K3
C04	Develop and deliver a formal presentation.	K3
C05	Develop interpersonal communications skills that are required for social and business interaction.	K3

**SYLLABUS**

**UNIT I: (6 hours)**

Basics of Business Communication - Process of Communication – Methods and Modes of Communication – Barriers to Communication – Types of Barriers

**UNIT II: (6 hours)**

Presentation Skills- Principles of Effective Communication - Business Proposal Format

**UNIT III: (6 hours)**

Direct Speech and Indirect Speech, Active and Passive Voice

**UNIT IV: (6 hours)**

Business Report – Drafting of Business letters: Sales letter, Request letter, Enquiry letter, Report Writing.

**UNIT V: (6 hours)**

Group Discussion – Rules of Group Discussion – Types of Group



## Discussion – Process of Group Discussion

### Reference:

Meenakshi Raman and Prakash Singh, Business Communication, Oxford University Press, 2007

Chakraverty Anima, Comprehensive Grammar and Composition, Pearson, 2011

McLean Scott, Business Communication for Success, Nyack, NY: Flat World Knowledge, 2010

**Pedagogy:** Group Discussion, Quiz, Assignment

**Course Designer:** Ms. Diana Betty Garrett & Ms. A. Edel Flora Mary



Dr. P. Urmila (PG Head)  
Head)



Dr. S. Jayashree Agarwal (UG  
Head)



**CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)**

**P.G & RESEARCH DEPARTMENT OF SOCIAL WORK**

**VALUE ADDED COURSES**



**2022-2023**

	<b>DEPARTMENT OF SOCIAL WORK</b>	
<b>Value Added Course</b>	<b>COUNSELLING FOR WELLBEING</b>	<b>Hours: 30</b>
<b>21VASW01</b>	<b>Offered to the students of other programmes</b>	<b>Date of Introduction 5.10.2021</b>

### Objectives

- To orient the students on the concept of Counselling.
- To make the students to understand the role of Family in Child Development.
- To orient the students in the forms of Marriages

### Course Outcomes

After the successful completion of the course, the students will be able to

<b>CO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
<b>CO1</b>	Define Counselling.	K1
<b>CO2</b>	Explain the role of family in Child Development	K2
<b>CO3</b>	Examine factors contributing to problems of adolescents	K3
<b>CO4</b>	Describe the process of types of marriages	K3
<b>CO5</b>	Apply Couple Therapy	K3

## Syllabus

### Unit I: COUNSELLING

(6 hours)

Meaning and definition; Principles and Skills.

### Unit II: CHILD DEVELOPMENT

(6 hours)

Role of Family in Child Development

### Unit III: ADOLESCENT DEVELOPMENT

(6 hours)

Physical and Psychological changes; Most common and critical issues among adolescents - substance abuse, suicides, bullying.

### Unit IV: MARRIAGE

(6 hours)

Definition, Functions and Types. Marriage in India. Problems of Older Persons

### Unit V: MARRIAGE COUNSELLING

(6 hours)

Marital Conflict; Couple Therapy; Counselling children, adolescents, youth, women and older persons.

### References:

S.No	Authors	Title of the book	Publisher	Year of Publishing
1.	Deacon, Ruth E. & Firebaugh, F.M.	Home Management : contexts & Concepts,	-	1975
2.	Jon Carlson and Shannon B. Dermer	The SAGE Encyclopedia of Marriage, Family, and Couples Counselling	Sage	2016



3	Rao, S. Narayana & Sahajpal, Prem	Counselling and Guidance	McGraw Hill Education	2013
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**Pedagogy:**

**Chalk & talk, e -content, PPT, Group Discussions, Videos, Quiz & Assignments**

**Course Designer: Dr. G. Mettilda Buvaneswari**

*G. Mettilda B*  
*19/07/2022*

DEPARTMENT OF SOCIAL WORK		
<b>Value Added Course</b>	<b>PHOTOGRAPHY FOR DOCUMENTATION</b>	<b>Hours: 30</b>
<b>21VASW02</b>	<b>Offered to the students of all programmes</b>	<b>Date of Introduction 5.10.2021</b>

### Objectives

- To know the basics of photography.
- To facilitate the understanding about the creative process in documenting the social life by photography.

### Course Outcomes

After the successful completion of the course, the students will be able to :

CO1	Remember the nuances of photography for documentation.	K1
CO2	Understand the factors contributing for effective documentation	K2
CO3	Apply the techniques learnt in their documentation work	K3

## Syllabus

### **Unit I: BASICS OF PHOTOGRAPHY (6 hours)**

Photography – Concept, Elements, Principles of Photography & What makes a good photograph

### **Unit II: DOCUMENTATION (6 hours)**

Documentation - Concept, types, formats & Do's and Dnt's in documentation

### **Unit III: SKILLS OF A PHOTOGRAPHER (6 hours)**

Creativity – Technical photography – Patience & Concentration – Attention to details – Strong networking skills – Team working.

### **Unit IV: ROLE OF PHOTOGRAPHY IN DOCUMENTATION (6 hours)**

Techniques for effective photography for documentation

### **Unit V: PRACTICUM (6 hours)**

Hands-on training ( Technical elements – light & composition, shooting in location , shooting people, shooting in studio) by a professional photographer.

### **References:**

S.No	Authors	Title of the Book	Publisher	Year of Publication
1)	Chitrabongs, M.R	Role of Photography in Research & Documentation	Penguin	1989

**Online links:**

1. <https://www.bobbooks.co.uk/blog-post/20-essential-photography-tips-for-beginners-1>
2. [http://www.makinglearningvisibleresources.org/uploads/3/4/1/9/3419723/photographs\\_as\\_documentation- some guidelines .pdf](http://www.makinglearningvisibleresources.org/uploads/3/4/1/9/3419723/photographs_as_documentation- some guidelines .pdf)
3. [http://www.visual-arts-cork.com/photography/documentary.htm#:~:text=In%20addition%20to%20social%20documentary,work%20of%20Don%20McCullin%20\(b](http://www.visual-arts-cork.com/photography/documentary.htm#:~:text=In%20addition%20to%20social%20documentary,work%20of%20Don%20McCullin%20(b)

**Pedagogy: Lecture, Peer Discussion, PPT & Group Discussion.**

**Course Designer: Dr. T. Amirtha Mary**

*L. Meetha*  
*19/07/2022*

<b>DEPARTMENT OF SOCIAL WORK</b>		
<b>Value Added Course</b>	<b>HUMAN RESOURCE MANAGEMENT</b>	<b>Hours: 30</b>
<b>21VASW03</b>	<b>Offered to the students of other programmes</b>	<b>Date of Introduction 5.10.2021</b>

### **Objectives**

- To understand the Human Resource Management and related aspects in the Industry

### **Course Outcomes**

On Successful Completion of the course, the students will be able to

<b>CO NO</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
CO1	Find the Meaning and Functions of Human Resources Management.	K1
CO2	Outline the Process of Performance Management and Types of Performance Appraisal	K1
CO3	Identify the Concept of Compensation Management	K2
CO4	Explain the Concept of Labour welfare in the Industry	K3
CO5	Apply the knowledge on Industrial Relations	K3

## Syllabus

### Unit I: HUMAN RESOURCE MANAGEMENT

(6 hours)

Definition, scope and evolution, Functions – Human Resource Planning, Recruitment, Selection, Induction & Placement, Training and Development.

### Unit II : PERFORMANCE MANAGEMENT

(6 Hours)

Meaning, Purpose of Performance Management, Dimensions of Performance Management  
Performance appraisal-Meaning, Process and Types- Traditional and Modern Method of Performance Appraisal.

### Unit III: COMPENSATION MANAGEMENT

(6 Hours)

Meaning, Purpose, Process and Types –Indirect and Direct Compensation and Job Evaluation-Meaning and Purpose.

### Unit IV: LABOUR WELFARE

(6 Hours)

Meaning, Need and Importance of Labour Welfare, Types of Labour Welfare in Industries.

### Unit V: INDUSTRIAL RELATIONS

(6 Hours)

Meaning, Definition, Characteristics of Industrial relations system, Collective Bargaining & disciplinary procedure. Workers Participation in management in Indian Industries.

### References:

S.No	Author	Title of the Book	Publishers	Year
1	Aswathappa K.	Human Resource Management Text and Cases	Mcgraw-Hill Publishing company Limited, NewDelhi	2008
2	Bhatia, B. S., and Batra G.S.	Human Resource Development	Deep and Deep Publications.	2001

3	Khanka S.S	Human Resource Management – Text and Cases	S.Chand publications	2007
4	Gosh B.	Human Resource Development and Management	Vikas Publishing House pvt ltd	2000
5	Rao T.V.	Performance Management towards excellence	SAGE Publications Pvt Ltd.	2015
6.	Sharma R.C and Sharma N.	Human resource management -theory and Practice	SAGE Publications Pvt Ltd.	2018

**Pedagogy: Chalk& Talk, , Seminar, PPT Presentation, Group Discussion and Case Study.**

**Course Designer: Dr.S.Vidhya and Ms.S.Hema**

*h. meetha*  
19/07/2022

DEPARTMENT OF SOCIAL WORK		
<b>Value Added Course</b>	<b>SUSTAINABLE MANAGEMENT IN THIRD SECTOR ORGANIZATIONS</b>	<b>Hours: 30</b>
<b>21VASW04</b>	<b>Offered to the students of Social Work</b>	<b>Date of Introduction 5.10.2021</b>

### Objectives:

- To facilitate the understanding about sustainable management
- To help the students to know the factors contributing to sustainable outcomes of an organization, strategic challenging and about Management and Organizational Sustainability Tool.

### Course Outcomes:

On Successful Completion of the course, the students will be able to

<b>CO NO</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
CO1	Understanding the concept of sustainability and its social, economical and environmental dimensions.	K2
CO2	Apply the factors contributing or controlling the sustainability outcomes in an organization	K3
CO3	Analyse the strategic challenges that are leading to organizational sustainability.	K4



## Syllabus:

### **Unit I: NATURE OF SUSTAINABLE & ITS DIMENSIONS**

**(6 hours)**

Sustainability – Concept, Principles, Dimensions of Sustainability - Environmental Sustainability. Social Sustainability. Economic Sustainability, Triple Bottom Line. and Barriers to Organizational sustainability.

### **Unit II: SUSTAINABLE MANAGEMENT IN ORGANIZATIONS**

**(6 hours)**

Sustainability Management – Concept of Sustainability & Management, Approaches & Synthesis of Sustainability & Management.

### **Unit III: ETHICAL & SUSTAINABLE POLICIES IN ORGANIZATIONS**

**(6 hours)**

Culture of Sustainability, Initiatives – ethical & sustainable policies in organizations.

### **Unit IV: STRATEGIC CHALLENGES TO ORGANIZATIONAL SUSTAINABILITY**

**(6 hours)**

Strategic challenges of sustainability - Ecological impacts of a firm, building sustainability culture, instability, implementation, governance.

### **Unit V: MANAGEMENT AND ORGANIZATIONAL SUSTAINABILITY TOOL**

**(6 hours)**

Management and Organizational Sustainable Tool (MOST) – Concept, Application and Limitations.

**References:**

<b>S.No</b>	<b>Authors</b>	<b>Title of the Book</b>	<b>Publisher</b>	<b>Year of Publication</b>
1)	United Nations Economic and Social Commission for Asia and Pacific	Integrating the three dimensions of Sustainable Development	United Nations Publications	2015
2)	Management Sciences for Health	Management and Organizational Sustainable Tool (MOST)	-	2010

**Pedagogy: Lecture, Peer Discussion, PPT & Group Discussion.**

**Course Designer: Dr. T. Amirtha Mary**

*T. Amirtha Mary*  
19/07/2022

<b>DEPARTMENT OF SOCIAL WORK</b>		
<b>Value Added Course</b>	<b>VISUAL ARTS - PAINTING</b>	<b>Hours: 30</b>
<b>21VASW05</b>	<b>Offered to the students of all programmes</b>	<b>Date of Introduction 5.10.2021</b>

### Objectives

- To teach the basics of sketching and painting
- To understand the different types of painting
- To provide co-curricular opportunities for productive collaboration and teamwork.

### Course Outcomes

On Successful Completion of the course, the students will be able to

<b>CO Number</b>	<b>CO Statement</b>	<b>KNOWLEDGE LEVEL</b>
CO1	Outline the basics of sketching & Painting	K1
CO2	Understanding the different types of painting	K2
CO3	Explain how to handle painting tools & materials	K2
CO4	Describe the tips & technique in paintings	K3

## Syllabus

**Unit I:** (6 Hours)

Pencil sketching- how to start Sketching - tools and materials- Shading study

**Unit II:** (6 Hours)

Painting-Introduction, types of Painting - Water colors, Acrylic painting ,glass painting

**Unit III:** (6 Hours)

Water colour, Loading paints in brush, How to paint with water colour , Tips & Techniques & acrylic painting & Practice session

**Unit IV:** (6 Hours)

Oil pastel Painting, Tips & techniques while using oil pastel, Warli Painting-Basic -Human figures, Houses, Plants & Practice session

**Unit V:** (6 Hours)

Glass Painting-Types of glass, Pigments, styles & techniques, Blending & mixing colours & Practice session.

### References:

S. No	Author	Title of The Book	Publisher	Year
1.	Gill Baron	Acrylic Secrets: 300 Tips and Techniques for Painting the Easy Way	Readers Digest	2009

2.	Marcia Baldwin	Oil & Acrylic: Flowers: Discover techniques for painting fresh and lively floral scenes (How to Draw & Paint)	Walter Foster Publishing	2012
3.	1500 Color Mixing Recipes for Oil	Acrylic & Watercolor: Achieve precise color when painting landscapes	Walter Foster Publishing	2021
4.	Anna L. Dallapiccola	Reverse Glass Painting in India	Niyogi Books	2017

**Pedagogy: Chalk & Talk ,Brush & Paint , Power point ,Assignments, Quiz and Practical sessions on painting**

**Course Designer : Ms.PL.Rani & Dr.O.Aisha Manju**

*L. Meetha*  
19/07/2022

<b>DEPARTMENT OF SOCIAL WORK</b>		
<b>Value Added Course</b>	<b>PARENTING</b>	<b>Hours 30</b>
<b>21VASW06</b>	<b>Offered to the students of all programmes</b>	<b>Date of Introduction 5.10.2021</b>

### Objectives

- To orient the students on the concepts of parenting
- To prepare them to become responsible as future parents.

### Course Outcomes

After the successful completion of the course, the students will be able to :

<b>CO Number</b>	<b>CO Statement</b>	<b>KNOWLEDGE LEVEL</b>
<b>CO1</b>	Define Parenting	K1
<b>CO2</b>	Understand Parenting Styles	K2
<b>CO3</b>	Examine factors influencing parenting	K3
<b>CO4</b>	Explain challenges in parenting	K3
<b>CO5</b>	Describe Alternative parenting categories	K3

## Syllabus

### Unit I: PARENTING

(6 hours)

Definition, Becoming Parents; role of child, parent and society in the process of parenting. Parenting is a Process. Parenting Children from Birth to Two years; Nurturing Close Family Relationships; Supporting Children's Growth and Development;

### Unit II: PARENTING STYLES

(6 hours)

Authoritative parenting, Authoritarian parenting, permissible parenting & uninvolved parenting

### Unit III: CULTURAL INFLUENCES ON PARENTING

(6 hours)

Socio-economic and cultural factors affecting parenting.

### Unit IV: CHALLENGES IN PARENTING

(6 hours)

Working Parents; Parenting in Challenging Child's need for normalization, fundamental fairness, and respect; Conflicts, stress, developmental issues; influence of work on family life;

### Unit V: ALTERNATIVE PARENTING CATEGORIES

(6 hours)

Adoption, foster parent, single-parent, unmarried, divorced, re-married with step-children. Approaches to behavior management; Methods of resolving parenting problems.

### References

S.No	Authors	Title of the book	Publisher	Year of Publishing
1	Chayanika Singh	How Your Personality Makes Or Breaks Your Child - A Self Assessment Guide For Parent	Unicorn Books.	2013
2.	Deepa Chaudhury	Parenting Tips for Indian Parents: Pre-conception to	-	2017

		Adulthood,		
3	Suchitra Shenoy	Mindful parenting: First 1000 days	Harper Collins publications	2016
4	<u>Sushant Kalra</u>	Perfect Parenting: How to raise Happy and Successful Children	-	2021

**Pedagogy:**

**Chalk & talk, e -content, PPT, Group Discussions, Videos, Quiz & Assignments**

**Course Designer: Dr. G. Mettilda Buvanewari**

*G. Mettilda*  
19/02/2021



DEPARTMENT OF BUSINESS ADMINISTRATION		
Value Added Course	Basics of Banking	30 Hours
Course Code: 21VABA01	(offered to students of all Programme)	01.10.2021

### OBJECTIVES

- To obtain knowledge of working of Indian Banking system.
- To make the students to understand the various services offered banks.
- To know the merchant banking services.

### COURSE OUTCOMES:

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Explain the basic concepts of Banking and its functions.	K1
CO2	Discuss the relationship with customer and the different types of account.	K2
CO3	Applications and Procedure for taking Demand Drafts and crossing the cheques	K3
CO4	Utilize the modern banking services such Online Banking, Mobile Banking, NEFT,IMPS and RTGS.	K2

### SYLLABUS

#### Unit- I

( 5 Hours)

Definition of a bank – kinds of Banks – Functions of a Commercial Banks.

#### Unit –II

( 6 Hours)

Opening of Bank Account- procedures – Documents required- Types of Accounts – Special Types of Customers.

#### Unit –III

( 6 Hours)

Loan Application- Types of Loan - Education Loan-Procedure for obtaining Education Loan.

**Unit –IV****( 7 Hours)**

Essentials of Cheque – procedure for obtaining cheque book-Specimen for Cheque book  
 – Procedure for filling the Cheque – Crossing of Cheque – Types of Crossing – Dishonouring  
 of a Customer’s Cheque - - Demand Draft- Applications and Procedure for taking Demand  
 Drafts.

**Unit –V****( 6 Hours)**

Modern Banking Services – ATM – Functions - Net Banking, NEFT,RTGS,IMPS –  
 Mobile Banking- Debit Card and Credit Card –ChequeDeposit Machines- Cash Deposit  
 Machines.

**TEXT BOOKS:**

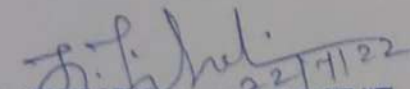
S. No.	Author(s)	Title of the Book	Publisher	Year of Publication
1.	Gordon .E and Natarajan .K	Banking Theory, Law and Practice	Himalaya Publishing House, Mumbai.	2020
2.	K.P.M. Sundaram and P.N.Varshney	Banking Law and Practice	Sultan Chand & Sons Publishing House, New Delhi	2015

**REFERENCE BOOKS:**

S. No.	Author(s)	Title of the Book	Publisher	Year of Publication
1.	Varshney P.N	Banking Law and Practice	Sultan Chand & Sons, New Delhi.	2018.
2.	Gurusamy S	Banking Theory Law and Practice	Vijay Nicole Imprints Pvt Ltd,Chennai.	2017

**Pedagogy:** Lectures, Quiz, Power Point Presentation, Assignments and Seminar.

**Course Designer:** Dr. M. Neela, Associate Professor.

  
 Dr.J.TAMILSELVI, MBA, M.Phil., Ph.D., SET., NET.,  
 ASSOCIATE PROFESSOR & HEAD  
 DEPARTMENT OF BUSINESS ADMINISTRATION  
 CALVERY COLLEGE FOR WOMEN (AUTONOMOUS)  
 TIRUCHIRAPALLI - 620 018.

DEPARTMENT OF BUSINESS ADMINISTRATION		
Value Added Course	Managing Event Venues	30 Hours
Course Code: 21VABA02	(offered to students of all Programme)	01.10.2021

## OBJECTIVES

- To impart the practical knowledge of Event Management.
- To upgrade the students regarding the concept of event, they will develop and nurture their skills and Techniques involved in Event Management.

## COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Preparing Event proposal.	K1
CO2	Planning organization chart.	K1
CO3	Production of Special, Corporate and Sports event.	K3
CO4	Analysis of Event Technology and Event evaluation.	K2

## SYLLABUS

### UNIT: I

( 7 Hours)

Event Planning– Aim of Event- Develop a Mission– Establish Objectives– Preparing Event proposal.

### UNIT: II

( 4 Hours)

Five C's of successful Event– How to Plan an Event - Planning organization chart - Venue selection.

### UNIT: III

( 6 Hours)

Event organizing - Job Responsibility of Events Organizer– Sponsorship and Production of Special, Corporate and Sports event.

**UNIT: IV****( 7 Hours)**

Event Technology –Creativity – Co-ordination - Music & Entertainment – Audio – video  
– Lighting – Catering.

**UNIT: V****( 6 Hours)**

Event Evaluation–Measuring performance – Financial analysis - Report Writing.

**TEXT BOOKS:**

Sl.No.	Author(s)	Title of the Book	Publisher	Year of Publication
1.	Ms. Annie Stephen And Mr. Hariharan	Principles of Event Management	Himalaya Publishing House	2014
2.	Anukrati Sharma & Shruti Arora	Event Marketing and Management	Bharati Publications, New Delhi	2018

**REFERENCE BOOKS:**

Sl.No.	Author(s)	Title of the Book	Publisher	Year of Publication
1.	Sanjaya singh Gaur & Sanjay V Saggere	Event Marketing and Management	Vikas Publishing House Pvt.Ltd	2014
2.	R.K.Singh	Event Management	Aman Publication. New Delhi	2011
3.	Dr. Joe Goldblatt	Special Events	CSEP Publisher: Wiley & Sons	2013

**Pedagogy:** Lectures, Quiz, Power Point Presentation, Assignments and Seminar.

**Course Designer:** Dr. A. SIVARANJANI, Assistant Professor.

  
Dr.J.TAMILSELVI, MBA., M.Phil., Ph.D., SET., NET.,  
ASSOCIATE PROFESSOR & HEAD  
DEPARTMENT OF BUSINESS ADMINISTRATION  
CALVERY COLLEGE FOR WOMEN (AUTONOMOUS)  
TIRUCHIRAPALLI - 620 018.

DEPARTMENT OF BUSINESS ADMINISTRATION		
Value Added Course	Stock Market Practices	30 Hours
Course Code: 21VABA03	(offered to students of all Programme)	01.10.2021

### OBJECTIVES

- To impart practical knowledge to the students about the basics of stock marketing
- To predict the movements in the stock in various investment avenues and to rate them.

### COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Identify the essential of Capital Markets and to evaluate the need for New Issue Markets	K1
CO2	Framing the role and functions of Secondary Markets	K2 & K3
CO3	Discuss the necessity of Listing in Stock Exchanges	K3
CO4	Assess the predominant role of Stock brokers in the trading mechanism	K3
CO5	Formulate the methods of ranking of institutions through credit rating	K3

### SYLLABUS

#### UNIT: I

( 6 Hours)

Need and importance of Capital Market – New Issue Market – Functions and Methods of Issue.

#### UNIT: II

( 7 Hours)

Secondary Market – Origin and Growth – Role and Functions of Stock Exchange – NSE – Weaknesses of Stock exchange.

**UNIT: III****( 5 Hours)**

Listing of Securities – Group A, Group B, Group C Shares – Listing Procedures – Criteria for Listing.

**UNIT: IV****( 5 Hours)**

Mechanics of Trading in Stock Exchanges – Registration of Stock Brokers.

**UNIT: V****( 7 Hours)**

Credit Rating – CRISIL – CARE – ICRA Agencies, DEMAT Accounts – Depositories.

**TEXT BOOK:**

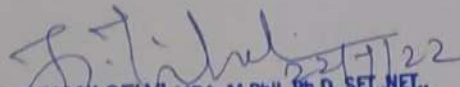
Sl. No.	Author(s)	Title of the Book	Publisher	Year of Publication
1.	Gordon E & Natarajan K	Financial Markets and Institutions	Himalaya Publishing House	3 <sup>rd</sup> Revised Edition 2015

**REFERENCE BOOKS:**

Sl. No.	Author(s)	Title of the Book	Publisher	Year of Publication
1.	Punithavathy Pandian	Security Analysis and Portfolio Management	Vikas Publishing House Ltd	2 <sup>nd</sup> Edition 2012
2.	Joseph Anbarasu D, Boomonathan V. K., Manoharan P, Gnanaraj G	Financial Services	Sultan Chand & Sons	2014

**Pedagogy:** Lectures, Quiz, Power Point Presentation, Assignments and Seminar.

**Course Designer:** Dr. M. Gayathri, Assistant Professor.

  
 Dr. J. TAMILSELVI, MBA., M.Phil., Ph.D., SET., NET.,  
 ASSOCIATE PROFESSOR & HEAD  
 DEPARTMENT OF BUSINESS ADMINISTRATION  
 CALVERY COLLEGE FOR WOMEN (AUTONOMOUS)  
 TIRUCHIRAPALLI - 620 018.

<b>PG &amp; RESEARCH DEPARTMENT OF COMMERCE</b>		
<b>Value Added Course</b>	<b>Tally ERP 9</b>	<b>Total Hours: 30</b>
<b>Course Code: 21VACO03P</b>	<b>(Offered to students of all Programmes)</b>	<b>Date of Introduction: 04.10.2021</b>

**Course objective**

- To enable students to learn the basic concepts of accounting packages
- To impart knowledge about goods and service tax.

**Course Outcome**

At the time of completion of the course, students will be able to

<b>CO No.</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
<b>CO1</b>	Define the basic concept of accounting in tally ERP 9	<b>K1</b>
<b>CO2</b>	Explain the accounting procedures for ledger, voucher and cost creation	<b>K2</b>
<b>CO3</b>	Appling GST	<b>K3</b>
<b>CO4</b>	Analyze stock group, stock category, stock item and stock category summary	<b>K4</b>
<b>CO5</b>	Estimate the budget	<b>K5</b>

**Tally ERP 9**

**(30 Hours)**

1. Creation, alteration and deletion of company
2. Creation, alteration and deletion of ledger
3. Preparation of Final Accounts with adjustments
4. Display of Profit & Loss Account and Balance Sheet
5. Voucher entries in double entry mode.
6. Creation of Stock Groups, Stock Category, Unit of Measure & Stock Items
7. Alteration and deletion of inventory masters
8. Generating Accounting and Inventory Reports
9. Creation, Alteration & Deletion of Cost Centres and Cost Categories
10. Creation, Alteration & Deletion of Bank Reconciliation Statement
11. Creation, Alteration & Deletion of Budgets
12. Creation of Bills Wise Details
13. GST Registration and E-filing of returns
14. Creation of GST Ledger in Tally ERP 9
15. Creation of Sales and Purchase Ledger in Tally ERP 9

**Reference Book**

S.No	Author	Title	Publishers	Year of Publication
1.	Vishnu P. Singh	Tally ERP with GST	Sultan Chand & Sons	2019
2.	V Srinivasa Vallabhan	Computer Application in Business	Sultan Chand & Sons	2019
3.	A. K. Nandhini	Implementing Tally ERP	BPB Publications, Chennai	2019
4.	Tally Education Private Ltd, Bengaluru	Tally ERP 9	BPB Publications, Chennai	2019

**Course Designer**

Ms. A. Vinodhini, Assistant Professor, Department of Commerce.

N. Santhi  
21/2/22  
HEAD  
DEPARTMENT OF COMMERCE  
AUVARY COLLEGE FOR WOMEN (AUTONOMOUS)  
TIRUCHIRAPPALLI - 18.

V. Vijayalakshmi



PG & RESEARCH DEPARTMENT OF COMMERCE		
Value Added Course	Basic Concepts of Income Tax and GST	Total Hours: 30
Course Code: 21VACO01	(Offered to students of all programmes)	Date of Introduction: 04.10.2021

**Course objective**

- To help the students understand and apply basic concepts and provisions of Income Tax Act.
- To lay down a foundation for computing gross total income and total tax liability.
- To gain procedural knowledge about GST

**Course Outcome**

At the time of completion of the course, students will be able to

CO No.	CO Statement	Knowledge Level
CO1	Define the basic concepts of Income Tax and Residential status of an individual	K1
CO2	Explain the various heads of income namely Income from Salary. House Property, Profits and Gains of Profession or Business, Capital Gains and Other Sources.	K2
CO3	Apply and practice the computation of Total Income	K3
CO4	Examine the application of Goods and Service Tax	K4

**Syllabus**

**Unit – I Introduction to Income Tax (6 Hours)**

Basic of Income Tax – Assessment Year – Previous Year – Assessee – Person – Total Income – Gross Total Income – Agriculture Income – Residential Status of An Individual- Exempted Income.

**Unit – II Income from Salaries (6 Hours)**

Computation of Salary – House rent Allowance – Provident Fund – Gratuity – Pension – Perquisites – Rent Free accommodation – Motor car allowance.

**Unit – III Income from House Property & Income from Profits and Gains of Business or Profession (6 Hours)**

Computation of Income from House Property – Computation of Profit and Gains of Business or Profession.

**Unit - IV Income from Capital Gains & Other Sources (6 Hours)**

Income from Capital Gains - Important Deductions - Income from Other Sources.

**Unit - V GST (6 Hours)**

Overview of Goods and Service Tax.

**Text Book**

S.No.	Authors	Title	Publishers	Year of Publication
1	Dr .H. C. Mehrotra	Income Tax Law and Practice	Sahithya Bhavan Publications	2020
2	Dr. N. Hariharan	Income Tax Law and Practice	Vijay Nicole Chennai	2020

**Reference**

S.No.	Authors	Title	Publishers	Year of Publication
1	T. S. Reddy and Y. Hari Prasad Reddy	Income Tax Theory, Law and Practice	Margham Publications, Chennai	2020

**Pedagogy**

Lecture, Power Point Presentation, Group Discussion, Seminar, Quiz, Assignment & Experience Discussion

**Course Designer**

Ms. A. Vinodhini, Assistant Professor, Department of Commerce.

M. Saini  
21/3/20

**HEAD**  
**DEPARTMENT OF COMMERCE**  
**AUVERY COLLEGE FOR WOMEN (AUTONOMOUS)**  
**TIRUCHIRAPPALLI - 16.**

V. Vinodhini

PG & RESEARCH DEPARTMENT OF COMMERCE		
Value Added Course	Beauty Care	Total Hours: 30
Course Code: 21VACO05P	(Offered to students of all Programmes)	Date of Introduction: 04.10.2021

#### Course Objective

- To offer training that prepares the successful student to acquire the knowledge and skills.
- To maximize the development and personal growth of each student as a total person and to help each student discover his / her potential and hopefully function as cosmetology entrepreneurs and teachers of the future.

#### Course Outcome:

On the successful completion of the course, the students will be able to

CO No.	CO Statement	Knowledge Level
CO1	Define basic knowledge of professional ethics and attitude of Beauty Care	K1
CO2	Demonstrate skills needed for manicure and pedicure treatments	K2
CO3	Identify the Conditions of the Nail & Skin	K3
CO4	Analyse the issues & challenges of beauty care products in the current Scenario	K4
CO5	Develop a professional image	K5

#### Beauty Care

(30 Hours)

1. Fundamentals of Skin Mask, Bleach, Clean Ups & Facials
2. Threading & Waxing
3. Essentials of Health Glowing Skin – Manicure & Pedicure
4. Latest Designs, Trends & Techniques of Nail Art – Nail Cutting, Filling and Polishing
5. Hair & Scalp Consultation – Hair Cuts, Hair Colour, Setting and Styling
6. Smoky Eyes and Neon Lips
7. Saree Draping
8. Basic Bridal Makeup

#### Course Designer

Ms. S. Praveena, Assistant Professor, Department of Commerce.

N. Saisri

2/12/22  
DEPARTMENT OF COMMERCE  
AUVARY COLLEGE FOR WOMEN (AUTONOMOUS)  
TIRUCHIRAPPALLI - 18.

V. Anjali

PG & RESEARCH DEPARTMENT OF COMMERCE		
Value Added Course	Art of Aari & Embroidery	Total Hours: 30
Course Code: 21VACO04P	(Offered to students of all Programmes)	Date of Introduction: 04.10.2021

**Course Objective:**

- The course is designed to gain theoretical knowledge and practical experience as an embroiderer.
- Impart skill training in Aari & Embroidery to enable trainees to earn income through the acquired skill.

**Course Outcome:**

On the successful completion of the course, the students will be able to

CO No.	CO Statement	Knowledge Level
CO1	Define the basic concepts of Aari and Embroidery	K1
CO2	Compare the types of Aari and Embroidery	K2
CO3	Identify tools and materials for Aari and Embroidery	K3
CO4	Classify the usage of Tools and Materials used in Aari	K4
CO5	Explain finishing process of Aari & Embroidery	K5

**Art of Aari & Embroidery**

**(30 Hours)**

1. How to fix Aari Iron Stand
2. Making and Designing of blouse
3. How to fix cloth in Aari Frame
4. Basic Chain Stitch – Different Shapes in Chain Stitch
5. Stone Chain and Beads Work
6. Zigzag, Load & Piping Load Stitch
7. Zardosi and Off Load Stitch
8. Applique Work
9. Cut Work
10. Basic Embroidery Stitches & Designs

**Course Designer**

Ms. S. Praveena, Assistant Professor – Department of Commerce.

N. Sankar  
 DEPARTMENT OF COMMERCE  
 JAYVEER COLLEGE FOR WOMEN (AUTONOMOUS)  
 TIRUCHIRAPPALLI

V. S. J. S.

**CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS), TRICHY - 18**

**PG & RESEARCH DEPARTMENT OF COMMERCE**

**VALUE ADDED COURSE DETAILS**

**2022 - 2023**

<b>S. No.</b>	<b>Name of the Course</b>	<b>Course Code</b>	<b>Duration</b>	<b>Date of Introduction</b>	<b>Eligibility</b>
1	Basic Concepts of Income Tax and GST	21VACO01	30 Hours	04.10.2021	Students of All Programme
2	Tally ERP 9	21VACO03P	30 Hours	04.10.2021	Students of All Programme
3	Art of Aari and Embroidery	21VACO04P	30 Hours	04.10.2021	Students of All Programme
4	Beauty Care	21VACO05P	30 Hours	04.10.2021	Students of All Programme

*N. Sainhi*  
20/10/22  
**Signature of the HOD**

*V. C. Jathe*  
**Principal**

<b>PG and Research Department of Mathematics</b>		
<b>Value Added Course</b>	<b>Vedic Mathematics I</b>	<b>Hours - 30</b>
<b>Course Code – 21VAMA01</b>	<b>(Offered to Students of all Programmes)</b>	<b>Date of Introduction 04.10.2021</b>

**Objectives:**

- To eradicate the fear of Mathematics and instils confidence.
- To improve calculation speed and numerical skills.
- Facilitate the habit of analytical thinking and measured approach towards any problem.

**Course Outcomes:**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
<b>CO1</b>	Apply the tricks of multiplication with 2-digit numbers.	<b>K3</b>
<b>CO2</b>	Illustrate the methods of multiplication with 3-digit numbers.	<b>K2</b>
<b>CO3</b>	Solve the division problems with basic methods	<b>K3</b>
<b>CO4</b>	Classify the division problems with denominators.	<b>K3</b>
<b>CO5</b>	Compute the short cut methods of finding square of a number.	<b>K3</b>

**Value Added**

**Course Vedic**

**Mathematics I**

**SYLLABUS**

**UNIT I**

**Multiplication:** Multiplication of 2-digit numbers by 2-digit numbers – Multiplication of 3-digit numbers by 3-digit numbers – Multiplication of numbers near 100 – Multiplication of numbers near 50 – Multiplication of numbers near 200 – Choosing a base.

**UNIT II**

**Multiplication:** Multiplication of 3-digit numbers by 2-digit numbers – Multiplication of 4-digit numbers by 2-digit numbers – Multiplication of 5-digit numbers by 2-digit numbers – Multiplication of 4-digit numbers by 3-digit numbers.

**UNIT III**

**Division:** Conventional Method – Nikhilam Method – Paravartya Method.

**UNIT IV**

**Division:** Denominator ending with 9 – Denominator ending with 8 – Denominator ending with other digits.

**UNIT V**

**Square:** Forward Method: the square of an adjacent number – Reverse Method.

**Text Books:**

S. No	Authors	Title of the Book	Publishers/Edition	Year of Publication
1.	Ronak Bajaj	Vedic Mathematics	Black Rose Publications	2005

**REFERENCE BOOKS:**

S. No	Authors	Title of the Book	Publishers/ Edition	Year of Publication
1.	Bharati Krsna Tirthaji Maharaja	Vedic Mathematics	Motilal Banarsidass Publishers Private Ltd, Delhi	Re-Print 2004
2.	Dhaval. Bathia	Vedic Mathematics Made Easy	Jaico Publishing House, Mumbai	2006

**Weblink**

1. <https://youtu.be/mKamfXTytgM>
2. <https://youtu.be/ZzYTITbCVpl>
3. <https://youtu.be/f0W32SwhAwM>
4. <https://youtu.be/zADj0k0waFY>
5. <https://youtu.be/TLTNLcEn7w0>

**Pedagogy:**

Chalk and Talk, PPT, Discussion and Quiz.



**Dr.S.PREMALATHA,**  
Associate Professor  
Department of Mathematics  
Cauvery College for Women(Autonomous)  
Trichy - 620 018.



<b>PG AND RESEARCH DEPARTMENT OF MATHEMATICS</b>		
<b>VALUE ADDED COURSE</b>	<b>ANALYTICAL REASONING SKILLS</b>	<b>HOURS - 30</b>
<b>COURSE CODE – 21VAMA02</b>	<b>(Offered to Students of all Programmes)</b>	<b>DATE OF INTRODUCTION 04.10.2021</b>

**Objectives:**

- To analyse, interpret and solve mathematical Problems.
- To improve one's ability to think critically.
- To learn a variety of strategies for problem solving.

**Course Outcomes:**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
<b>CO1</b>	Illustrate the concept of coding and decoding.	<b>K2</b>
<b>CO2</b>	Explain the tricks to find the direction.	<b>K2</b>
<b>CO3</b>	Describe the problems of blood relation.	<b>K2</b>
<b>CO4</b>	Identify the short cuts of alphabet test.	<b>K1</b>
<b>CO5</b>	Solve the concept of number, letter, word, figure analogy.	<b>K2</b>

**VALUE-ADDED COURSE**  
**ANALYTICAL REASONING SKILLS**  
**SYLLABUS**

**UNIT I**

Coding Decoding Test

**UNIT II**

Direction Test

**UNIT III**

Blood Relation

**UNIT IV**

Alphabet Test

**UNIT V**

Analogy

**Text Books:**

S. No	Authors	Title of the Book	Publishers/Edition	Year of Publication
1.	K.P.Singh, P.Singh	Reasoning Test. General Intelligence Test	Source Books A Unit of Viva Books Pvt. Ltd	Reprint 2016

**REFERENCE BOOKS:**

S. No	Authors	Title of the Book	Publishers/ Edition	Year of Publication
1.	Edgar Thorpe	Test of Reasoning for Competitive Examinations	Tata McGraw-Hill Publishing Company Limited,	3 <sup>rd</sup> Re-Print 2000.

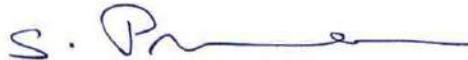
			New Delhi, 2 <sup>nd</sup> Edition,	
2.	R.V.Praveen	Quantitative Aptitude and Reasoning	Phi Learning, New Delhi, 2 <sup>nd</sup> Edition.	2013

**Web links:**

1. <https://www.youtube.com/watch?v=-KYF8ZZznwY>
2. [https://www.youtube.com/watch?v=3OPBR3\\_L4y8](https://www.youtube.com/watch?v=3OPBR3_L4y8)
3. <https://www.youtube.com/watch?v=g9d0yORWrt4>
4. <https://www.youtube.com/watch?v=bvSkWnAxwIs>
5. <https://www.youtube.com/watch?v=ZmAl059rCfs>

**Pedagogy:**

Chalk and Talk, PPT, Discussion and Quiz.



**Dr.S.PREMALATHA,**  
Associate Professor  
Department of Mathematics  
Cauvery College for Women(Autonomous)  
Trichy - 620 018.

<b>PG and Research Department of Mathematics</b>		
<b>Value Added Course</b>	<b>Quantitative Aptitude-I</b>	<b>Hours - 30</b>
<b>Course Code – 21VAMA03</b>	<b>(Offered to Students of all Programmes)</b>	<b>Date of Introduction 04.10.2021</b>

**Objectives:**

- To provide the knowledge to analyze, interpret and solve the Mathematical problems.
- To develop the thinking capacity.
- To inquire many short tricks to solve problems.

**Course Outcomes:**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
<b>CO1</b>	Classify the Problems on Numbers.	<b>K2</b>
<b>CO2</b>	Illustrate the notions of decimal fractions.	<b>K2</b>
<b>CO3</b>	Describe the problems on simplification.	<b>K2</b>
<b>CO4</b>	Explain the concept of square roots and cube roots.	<b>K2</b>
<b>CO5</b>	Identify the ideas of Odd Man Out and Series.	<b>K3</b>

**Value-Added Course**  
**Quantitative Aptitude-I**  
**SYLLABUS**

**UNIT I**

Numbers

**UNIT II**

Decimal Fractions

**UNIT III**

Simplification

**UNIT IV**

Square Roots & Cube Roots

**UNIT V**

Odd Man Out & Series

**Text Books:**

S. No	Authors	Title of the Book	Publishers/Edition	Year of Publication
1.	R. S. Aggarwal	Quantitative Aptitude – For Competitive Examinations (Fully Solved)	S.Chand & Company Pvt.Ltd,	Reprint 2015

**Reference Books:**

S. No	Authors	Title of the Book	Publishers/ Edition	Year of Publication
1.	T.K. Sinha	80+ Practice Sets of Quantitative Aptitude for Bank PO Exams	Arihant Publication (India) limited	2002.
2.	S.P. Gupta and P.K.Gupta	Quantitative Aptitude	Sultan Chand and Sons, New Delhi	2008.


**Web links:**

1. <https://www.youtube.com/watch?v=wqKpV2edSdE>
2. <https://www.youtube.com/watch?v=n6AsChcbebo>

3. <https://www.youtube.com/watch?v=bile8UT7F6s>
4. <https://www.youtube.com/watch?v=ye6Bz8EPZK0>
5. <https://www.youtube.com/watch?v=tnc9ojlTRg4&t=1815s>

**Pedagogy:**

Chalk and Talk, PPT, Discussion and Quiz

  
**Dr.S.PREMALATHA,**  
Associate Professor  
Department of Mathematics  
Cauvery College for Women(Autonomous)  
Trichy - 620 018.

<b>PG and Research Department of Mathematics</b>		
<b>Value Added Course</b>	<b>Statistical Techniques Using Excel</b>	<b>Hours - 30</b>
<b>Course Code – 21VAMA04</b>	<b>(Offered to Students of all Programmes)</b>	<b>Date of Introduction 04.10.2021</b>

**Objectives:**

- To analyze the statistical problems.
- To provide the knowledge to interpret and solve the statistical problems.
- To ensure with the ideas of statistical tools in Excel.

**Course Outcome:**

On the Successful completion of the course the student would be able to

<b>CO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
<b>CO1</b>	Compute Mean, Median and Mode using Excel.	<b>K 3</b>
<b>CO2</b>	Apply Correlation and Regression in Excel.	<b>K 3</b>
<b>CO3</b>	Explain Statistical diagrams with Excel.	<b>K 2</b>
<b>CO4</b>	Illustrate the Hypothesis testing with Excel.	<b>K 2</b>
<b>CO5</b>	Classify the Statistical data.	<b>K 3</b>

**VALUE ADDED COURSE**  
**STATISTICAL TECHNIQUES USING EXCEL**

**SYLLABUS**

**UNIT I**

Measures of Central tendency: Arithmetic Mean – Median – Mode –  
Geometric Mean – Harmonic Mean.

**UNIT II**

Karl Pearson's Coefficient of Correlation – Regression.

**UNIT III**

Plotting: 2D Plot

**UNIT IV**

Testing of Hypotheses: Test of Significance using t-Test, F-Test and Chi-Square Test.

**UNIT V**

Collection and Interpretation of Sample Data.

**Related Experience:**

- 1) Arithmetic Mean, Geometric Mean and Harmonic Mean.
- 2) Median and Mode.
- 3) Karl Pearson's Co-efficient of correlation.
- 4) Regression.
- 5) Test the significance of hypothesis using 't' test.
- 6) Test the significance of hypothesis using 'F' test.
- 7) Test the significance of hypothesis using chi-square test.
- 8) Plotting of Bar Diagram.
- 9) Plotting of Pie Diagram.
- 10) Plotting of Scatterplot Diagram.



### TEXT BOOKS:

S.No	Authors Name	Title of the Book	Publishers Name	Year of Publication
1.	R.S.N. Pillai and Bagavathi.	Practical Statistics	Sultan Chand & Sons.	2008
2.	R.S.N.Pillai & Bhagavathi	Statistics, Theory and Practice	S.Chand&Company	2016

### REFERENCE BOOKS:

S.No	Authors Name	Title of the book	Publishers Name	Year of Publication
1.	V.Rajagopalan	Selected Statistical Tools	New Age International (P) Ltd Publishers	2006
2.	G.S.S.Bhishma Rao	Probability and Statistics	itech Publications (India) Private Limited, New Delhi	2011
3.	Veer Bala Rastogi	Fundamentals of Biostatistics	Ane Books India	2008

### WEBLINKS:

1. <https://youtu.be/ehxwGufdAiw>
2. <https://youtu.be/2CEGh1emkzM>
3. <https://youtu.be/SQ3MZeLRtr8>
4. <https://youtu.be/gp5xQHdbwwI>
5. <https://youtu.be/--Tc4TqNrPA>

**PEDAGOGY:**

Power point presentation, Group Discussion, Seminar, Quiz, Assignment.



**Dr.S.PREMALATHA,**  
Associate Professor  
Department of Mathematics  
Cairvary College for Women(Autonomous)  
Trichy - 620 018.

<b>PG &amp; RESEARCH DEPARTMENT OF PHYSICS</b>		
<b>VALUE ADDED COURSE</b>	<b>PRINTED CIRCUIT BOARD DESIGNING</b>	<b>HOURS - 30</b>
<b>COURSE CODE 21VAPH01</b>	<b>OFFERED TO THE STUDENTS OF PHYSICS DEPARTMENT</b>	<b>DATE OF INTRODUCTION 01.10.2021</b>

### **OBJECTIVES**

- Introduction PCB designing concepts
- Component introduction and their categories
- To make students capable to design their own projects PCB up to industrial grade.
- Detailed description and practical of PCB designing

### **COURSE OUTCOMES**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>CO Statement</b>	<b>Knowledge level</b>
CO1	Identify the Electronic Components	K1
CO2	Understand basics of PCB designing	K2
CO3	Understand the PCB Layout	K2
CO4	Classify the types of laminations	K2
CO5	Demonstrate drilling and Soldering the Components on PCB	K3

## SYLLABUS

**UNIT-I: INTRODUCTION TO PRINTED CIRCUIT BOARD** **6 Hours**

Fundamental of electronic components, basic electronic circuits, Basics of printed circuit board designing: Layout planning, general rules and parameters

**UNIT-II: LAYOUT AND PLANNING** **6 Hours**

Layout scale – Grid system – Board types PCB production facilities – Layout approaches – Documentation. Realizing supply and ground conductors – Component placing

**UNIT-III: AUTOMATION AND COMPUTERS IN PCB DESIGN** **6 Hours**

Limitations of manual design – Automatic artwork draughting – Computer aided design – Design automation – Limitations of automation in PCB design. Computer Software for PCB design.

**UNIT-IV: LAMINATIONS** **6 Hours**

Properties of copper-clad laminates – Manufacturing process – Types of laminates Phenolic, Epoxy, Polyester laminates – Polyimide laminates.

**UNIT-V: DRILLING AND SOLDERING** **6 Hours**

Drilling and soldering – Drilling of designed PCB – Soldering Process of components – Testing and troubleshooting –screen printing and masking

### TEXT BOOKS

S. No.	Authors	Title of the book	Year of Publication	Publishers	Edition
1	R. S. Khandpur	Printed circuit board design, fabrication assembly and testing	2006	Tata McGraw Hill	-
2	Clyde F.Coombs, Jr,Happy T. Holden	Printed Circuits Handbook	2016	Tata McGraw-Hill	Sixth Edition

## REFERENCE BOOKS

S. No.	Author name	Title of the book	Publisher name	Year of Publication	Edition
1	Walter C. Bosshart	PCBs Design and Technology	Tata McGraw Hill	1990.	-

## PEADOGY

Power point presentation, Chalk and Talk

## COURSE DESIGNER

Dr. T. NOORUNNISHA

S. L. S.

19/07/2022

**H.O.D**

PG & RESEARCH DEPT OF PHYSICS

CAUVERY COLLEGE FOR WOMEN

(Autonomous)

Trichy - 18.

<b>PG &amp; RESEARCH DEPARTMENT OF PHYSICS</b>		
<b>VALUE ADDED COURSE</b>	<b>UTILIZATION OF SOLAR ENERGY</b>	<b>HOURS – 30</b>
<b>COURSE CODE</b> <b>21VAPH02</b>	<b>OFFERED TO STUDENTS OF ALL PROGRAMME</b>	<b>DATE OF INTRODUCTION</b> <b>01.10.2021</b>

### **OBJECTIVES**

- To expose the students with the different aspects of measurement, harvesting and utilization of solar energy.
- To encourage the preferential use of solar energy.
- To Develops solar energy and energy efficiency.

### **OUTCOMES**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
CO1	Access solar energy potential energy	K1
CO2	Identify the different ways of utilization of solar energy	K1
CO3	Understanding of direct usage of solar energy	K2
CO4	Understand the maintenance of solar energy	K2
CO5	Understand the features of different solar energy	K2

## SYLLABUS

### UNIT I: Introduction

6 Hours

Basic Heat Transfer Principles- Availability of Solar Energy- Nature of Solar Energy- Solar Energy & Environment- Sun as the source of radiation- Solar radiation.

### UNIT II: Solar water Heater

6 Hours

Principals of solar thermal systems-Technology's in solar water heating systems-salient features of solar water heating systems- Application of solar water heating systems-installing of solar water heating systems

### UNIT III: Solar lighting system

6 Hours

Description of main parts of solar lighting system: Solar Lantern-street light- home light-Charge controller- Storage battery- Inverter- Maintenance of solar lighting system.

### UNIT IV: Solar cooking

6 Hours

Benefits of solar cooking - advantages and disadvantages solar cooking.

### UNIT V: Roof Top

6 Hours

Technical Standards and Specification - Types of Roofs Top-Capacity Limiting- Technical Considerations-Standards and Specifications.

### TEXT BOOKS

S.No	Author name	Title of the book	Publisher name	Year of Publication	Edition
1	Soteris A. Kalogirou	Solar Energy Engineering: Processes and Systems	Academic Press, London	2009	-
2	Tiwari G. N	Solar Energy – Fundamentals Design, Modelling and applications	Narosa Publishing House, New Delhi	2002	-

## REFERENCE BOOKS

S.No	Author name	Title of the book	Publisher name	Year of Publication	Edition
1	G.D Rai	Non-conventional Sources of Energy	Khanna Publishers, Delhi	2008	-
2	Dr. H. Naganagouda	Solar Power Hand Book	Khanna Publishers, Delhi	2014	-
3	Chetan Singh Solanki	Renewable Energy Technologies	PHI School Books	2008	-
4	Kothari D.P. and Signal K.C	Renewable Energy Sources and Emerging Technologies	New Arrivals – PHI	2011	2 <sup>nd</sup> Edition

## PEDAGOGY

Power point presentation, Chalk and Talk

## COURSE DESIGNER

Dr. K.KANNAGI

S. K. J.

19/07/2022

H.O.D

PG & RESEARCH DEPT OF PHYSICS  
CAUVERY COLLEGE FOR WOMEN  
(Autonomous)  
Trichy - 18.



<b>PG &amp; RESEARCH DEPARTMENT OF PHYSICS</b>		
<b>VALUE ADDED COURSE</b>	<b>SCIENTIFIC TRAINING ON SOFTWARE TOOLS</b>	<b>HOURS - 30</b>
<b>COURSE CODE</b> <b>21VAPH03</b>	<b>OFFERED TO STUDENTS OF ALL PROGRAMME</b>	<b>DATE OF INTRODUCTION</b> <b>01.10.2021</b>

### **OBJECTIVES**

- To make them understand the principles of software.
- To educate MS-office system, internet operations, online, offline working areas.
- To train them to work on the comment-based activities in MS-office system.

### **OUTCOMES**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
CO1	Identify work on text and numerical data	K1
CO2	Classify the experience on spread sheet and word	K1
CO3	Understanding of computer operations	K2
CO4	Understand the features of different tools	K2
CO5	Explain the Work on Word, Excel and Power Point	K2

## SYLLABUS

### UNIT I

**6 Hours**

Computer Fundamentals Computer and Operating system Fundamentals – Components of a computer system –Input and Output devices – Memory Handling –Storage Devices

### UNIT II

**6 Hours**

MS -Word Introduction to MS-Word and User Utilities – Exploring Template and Formation of Documents

### UNIT III

**6 Hours**

MS – Excel Spreadsheet –workbook window –Formatting Cells / Worksheet – Working with Formula, Function and Charts – Filtering data and Printing a Presentation

### UNIT IV

**6 Hours**

MS – Power Point Introduction to MS –Power Point –Creating Templates – Font and color editing –Consolidating using MS-Power Point

### UNIT V

**6 Hours**

Officer Appliances Accounting machine – Addressing machine – Envelope Sealing machine – Franking machine.

### TEXT BOOKS

S.No	Author name	Title of the book	Publisher name	Year of Publication	Edition
1	Dr.S.V.Srinivasa Vallabhan	Computer Application in Business	Sultan Chand and Sons, New Delhi	2011	-
2	Alexis Leon	MS-Office and Internet	Vikas Publishing	-	-
3	K.Mohan Kumar and Vijay Nicole	Computer Application in Business	Nicole imprints Private Limited	2009	-

## REFERENCE BOOKS

S.No	Author name	Title of the book	Publisher name	Year of Publication	Edition
1	V.Rajaraman	Computer Basics and C Programming	PHI	2008	-
2	R.S.N.Pillai&Bagavathi	Office Management	S.Chand	2013	-

## PEDAGOGY

Power point presentation, Chalk and Talk

## COURSE DESIGNER

Ms. R.A.KIRUTHIKA

S. K. S.  
19/07/2022  
H.O.D  
PG & RESEARCH DEPT OF PHYSICS  
CAUVERY COLLEGE FOR WOMEN  
(Autonomous)  
Trichy - 18.

PG DEPARTMENT OF CHEMISTRY		
VALUE ADDED COURSE	HANDS ON APPROACH TO UV-VISIBLE SPECTROSCOPY	HOURS - 30
COURSE CODE 21VACH01	OFFERED TO STUDENTS OF ALL THE SCIENCE PROGRAMME	DATE OF INTRODUCTION 01.10.2021

### OBJECTIVES

- Acquire skills on quantitative technique used to measure how much a chemical substance absorbs light.
- Obtain knowledge on Sample preparation for UV.
- Determining  $\lambda_{max}$  and  $\epsilon$  values

### COURSE OUTCOMES

On successful completion of this course, the student will be able to

CO	CO Statement	Knowledge Level
CO1	Understand why molecules absorb UV-visible light and how the spectrum changes with molecular structure	K1
CO2	Learn how to select and use sample cells correctly	K1
CO3	Understand the possible causes of poor-quality measurements and deviations from Beer's Law	K1
CO4	This course gives a favor or weightage to the students during the interview in securing jobs or research opportunities.	K2

## SYLLABUS

### Unit- I

6 Hrs

Ultraviolet and visible radiation electronic transitions and the UV spectrum – calculating absorption maxima - The Beer-Lambert Law.

### Unit- II

6 Hrs

Instrumentation - Components of a UV-visible spectrometer light sources and detectors Single-beam and double-beam -instruments Sample cell (cuvette).

### Unit- III

6 Hrs

Analysis of the sample – concentration - choice of solvent- solution preparation -base correction-sample recording.

### Unit- IV

6 Hrs

Data interpretation – calculation. Applications - purity checks and quantitation.

### Unit- V

6 Hrs

Hands on training with different types of samples. (Water samples & Metal nanoparticles)

### TEXT BOOKS:

S. No.	Author (s)	Title of the Book	Publisher	Year of Publication
1.	Douglas A. Skoog, F Holler	Instrumental Analysis	Thomson Press (India) Ltd	2009
2.	Gurdeep R Chatwal and Sham K. Anand	Instrumental methods of chemical Analysis	Himalaya publishing house	2005

### REFERENCE BOOK:

S. No.	Author (s)	Title of the Book	Publisher	Year of Publication
1.	Vogel A.I	Book of Quantitative Inorganic analysis	The English Language Book Society Douglas	2000

### **Pedagogy**

E-content, Lecture, Power Point Presentation, Quiz, Group discussion, Video/Animation.

### **Course Designers**

- ❖ **Dr. G. Sivasankari**, Assistant Professor, Department of Chemistry.
- ❖ **Dr. S. Saranya**, Assistant Professor, Department of Chemistry



Department of Chemistry  
Jauvery College for Women  
Trichy - 620 018.

<b>PG DEPARTMENT OF CHEMISTRY</b>		
<b>VALUE ADDED COURSE</b>	<b>CHEMISTRY OF COSMETICS</b>	<b>HOURS - 30</b>
<b>COURSE CODE 21VACH02</b>	<b>OFFERED TO STUDENTS OF ALL THE PROGRAMME</b>	<b>DATE OF INTRODUCTION 01.10.2021</b>

### **OBJECTIVES**

- Cosmetic plays an important role in our everyday lives as they make an individual's appearance more attractive and boost one's self-esteem and confidence.
- Keeping in view the tremendous potential which the cosmetic industry has today around the globe, this course will be useful for introducing students to the world of cosmetic chemistry.
- This has been designed to impart the theoretical and practical knowledge on basic principles of cosmetic chemistry, manufacture, formulation of various cosmetic products.

### **COURSE OUTCOMES**

On successful completion of this course, the student will be able to

<b>CO</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
<b>CO1</b>	Learn basic of cosmetics, various cosmetic formulation, ingredients and their roles in cosmetic products.	K1
<b>CO2</b>	Learn the use of safe, economic and body-friendly cosmetics	K1
<b>CO3</b>	Prepare new innovative formulations.	K2

## SYLLABUS

<b>Unit – I</b>		<b>6 Hrs</b>
Preparation of soft soap.		
<b>Unit – II</b>		<b>6 Hrs</b>
Ingredients- composition - preparation of organic lip balm.		
<b>Unit – III</b>		<b>6 Hrs</b>
Constituents- configuration- preparation of shampoo and room freshener.		
<b>Unit – IV</b>		<b>6 Hrs</b>
Ingredients- composition -preparation of organic hair dye.		
<b>Unit – V</b>		<b>6 Hrs</b>
Constituents- Configuration -Preparation of nail polish, nail polish remover and organic kajal.		

### TEXT BOOK:

S. No.	Author (s)	Title of the Book	Publisher	Year of Publication
1.	Barel, A.O.; Paye, M.; Maibach, H.I.	Handbook of Cosmetic Science and Technology	CRC Press	2014

### REFERENCE BOOK:

S. No.	Author (s)	Title of the Book	Publisher	Year of Publication
1.	Garud, A.; Sharma, P.K.; Garud, N	Text Book of Cosmetics	Pragati Prakashan	2012

### Pedagogy

E-content, Lecture, Power Point Presentation.

### Course Designers

- **Dr. P. Pungayee Alias Amirtham**, Assistant Professor, Department of Chemistry.
- **Dr. G. Sivasankari**, Assistant Professor, Department of Chemistry.

*P. Amirtham*  
Department of Chemistry  
Cauvery College for Women  
Trichy - 620 018.



<b>PG DEPARTMENT OF CHEMISTRY</b>		
<b>VALUE ADDED COURSE</b>	<b>HOMEMADE HERBAL MEDICINES</b>	<b>HOURS - 30</b>
<b>COURSE CODE 21VACH03</b>	<b>OFFERED TO STUDENTS OF ALL THE PROGRAMME</b>	<b>DATE OF INTRODUCTION 01.10.2021</b>

### **OBJECTIVES**

- Herbal medicines are one type of dietary supplement. They are sold as tablets, capsules, powders, teas, extracts, and fresh or dried plants.
- Herbal medicines help us to maintain or improve our health. In light of its numerous health benefits, this course has been designed to provide the necessary background for the students to begin to incorporate herbal medicines into routine practice.
- This course imparts the theoretical and practical knowledge on herbal medicines, formulation of various herbal products.

### **COURSE OUTCOMES**

On successful completion of this course, the student will be able to

<b>CO</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
<b>CO1</b>	Learn basics of herbal medicines, formulation of various herbal products and therapeutic properties.	K1
<b>CO2</b>	Learn the uses of safe, economic homemade medicines.	K1
<b>CO3</b>	Enhance the applicability of herbal medicine in routine life.	K2

## SYLLABUS

- Unit – I** **6 Hrs**  
Introduction-Herbal Medicines in Healthcare
- Unit – II** **6 Hrs**  
Homemade vapor rub- therapeutic properties-ingredients-composition-preparation-storage-directions to use.
- Unit – III** **6 Hrs**  
Homemade aloe vera gel-therapeutic uses-material required- therapeutic properties-material required-preparation-storage-directions to use.
- Unit – IV** **6 Hrs**  
Homemade cough syrup–therapeutic properties-ingredients-preparation-storage-directions to use.
- Unit – V** **6 Hrs**  
Essential oil–therapeutic properties-material required-preparation-storage-directions to use.

### Text Book:

S. No.	Author (s)	Title of the Book	Publisher	Year of Publication
1.	Carmen Reeves	Homemade Herbal Medicine	Kindle Unlimited	2015

### Reference Book:

S. No.	Author (s)	Title of the Book	Publisher	Year of Publication
1.	Rao, A.P.	Herbs that heal	Diamond Pocket Books (P) Ltd, New Delhi.	1999

### Pedagogy

E-content, Lecture, Power Point Presentation.

### Course Designers

- **Dr. G. Sivasankari**, Assistant Professor, Department of Chemistry.
- **Dr., S. Saranya**, Assistant Professor, Department of Chemistry



Department of Chemistry  
Cauvery College for Women  
Trichy - 620 018.

<b>PG &amp; Research Department of Computer Science</b>		
Value Added Course	Python Programming	Hours: 30 Hours
Course Code <b>2-IVACS01</b>	(Offered to Students of Other Programmes)	Date of Introduction: 04.10.2021

### **Objective:**

- To have a fundamental understanding of the Python programming language
- To learn different types of sequence structures, related operations and their usage. Also learn diverse ways of opening, reading, and writing to files
- To understand how to create your own Python applications

### **Course Outcomes**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
CO1	Understand Python programming basics and paradigm	K2
CO2	Write and debug simple python programs with loop and condition statements	K3
CO3	Use Python lists, tuples, dictionaries for representing compound data	K3
CO4	Apply file concept in python	K3
CO5	Construct own Python applications	K4

### **Syllabus:**

#### **UNIT-1**

**(4 HOURS)**

Introduction- History- Features-setting up path-working with python-basic syntax -variables-data types-operators.

#### **UNIT-2:**

**(6 HOURS)**

Conditional Statements: If-else-Nested if-else-Looping statements: For-While-Nested loops- Control statements: Break-continue-pass.

#### **UNIT-3:**

**(6 HOURS)**

Lists: Accessing list-list operations-working with lists-Tuple: Accessing tuples-operations-working with tuples-ranges-String manipulation-string slices.

#### **UNIT-4:**

**(6 HOURS)**

Dictionaries: Accessing values in dictionaries- Working with dictionaries-sets-functions: Defining a function- Calling a function- Function Arguments – modules-Packages.

**UNIT-5:****(8 HOURS)**

File operations: Opening and closing file- Reading and writing files-Database-Data visualization-  
 Project Development: QR Code generation- GUI application for Calendar with Python using  
 Tkinter- Convert Image to a Pencil Sketch using Python-Text to speech-website blocker creation.

**Text Book**

S.NO	AUTHOR	TITLE OF THE BOOK	PUBLISHER / EDITION	YEAR OF PUBLICATION
1	Jeeva Jose & P. Sojan Lal	Introduction to Computing and Problem Solving with PYTHON	KHANNA Book Publishing Co.(P).Ltd	2016

**Reference Books**

S.NO	AUTHOR	TITLE OF THE BOOK	PUBLISHER / EDITION	YEAR OF PUBLICATION
1	Dr.R.Nageswara Rao	Core Python Programming	Dreamtech Press	2017
2	Allen B. Downey	Think Python	O'Reilly Publishers 2 <sup>nd</sup> edition	2015

**Web References:**

1. <https://www.geeksforgeeks.org/python-programming-examples/>
2. <https://pynative.com/python-exercises-with-solutions/>
3. <https://pythonistaplanet.com/python-programming-exercises-and-solutions/>

**Pedagogy:**

Power Point Presentation, Live Demonstration

**Course Designer:**

Dr.K.Reka



**Dr. V.SINTHU JANITA PRAKASH**  
 Head, PG & Research  
 Department of Computer Science  
 Cauvery College for Women  
 Tiruchirappalli-620 018.

<b>PG &amp; Research Department of Computer Science</b>		
Value Added Course	E-Content Development	Hours: 30 Hours
Course Code <b>21VACS02P</b>	(Offered to Students of all Programmes)	Date of Introduction: 04.10.2021

**Objective:**

- To learn the process of designing and development of e-content module
- To describe the use of various tools for editing graphics , audio and video
- To create e-content for a particular topic

**Course Outcomes**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
CO1	Understand the principles of script writing	K2
CO2	Analyze the basic editing techniques	K3
CO3	Apply the transition effects	K3
CO4	Demonstrate an understanding of Video making	K2
CO5	Construct own E-Content on particular topic	K3

**Lab Exercises:**

1. Script writing
2. Select Aspect ratio of Project, Choose Media and Add Layers
3. Prepare and Edit a content video
4. Add voice and music to the content
5. Live capture and recording
6. Add transitions effects
7. Visual corrections and special effects
8. Export and share video to Media
9. e-Content development for a particular topic

**Web References:**

1. [https://www.researchgate.net/publication/313822939\\_E-learning\\_and\\_E-content\\_Development](https://www.researchgate.net/publication/313822939_E-learning_and_E-content_Development)
2. <https://sites.google.com/site/bethanycollegeofteacheredn/e-content-and-open-educational-resources>
3. [https://www.dit.ie/media/ittraining/msoffice/MOAC\\_Powerpoint\\_2016.pdf](https://www.dit.ie/media/ittraining/msoffice/MOAC_Powerpoint_2016.pdf)
4. [https://www.youtube.com/watch?v=TeKRsmO\\_6Rw](https://www.youtube.com/watch?v=TeKRsmO_6Rw)
5. <https://www.youtube.com/watch?v=WSXq0xrSUlo>

**Pedagogy:**

Demonstration, PPT, e-Content

**Course Designer:**

Ms.R.Ramya



**Dr. V.SINTHU JANITA PRAKASH**  
Head, PG & Research  
Department of Computer Science  
Cauvery College for Women  
Tiruchirappalli-620 018.

<b>PG &amp; RESEARCH DEPARTMENT OF COMPUTER SCIENCE</b>		
Value Added Course	Introduction to worksheets	Hours: 30 Hours
Course Code <b>2WACS03P</b>	(Offered to Students of all Programmes)	Date of Introduction: 04.10.2021

**Objective:**

- To learn the basics of formatting, creation of tables and charts
- To perform advanced data analysis with functions, formulas, and charts
- To optimize the manipulation time in excel with the use of VBA

**Course Outcomes**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
CO1	Demonstrate the use of basic functions, formatting custom data	K2
CO2	Apply conditional formatting	K3
CO3	Implement Lookup for performing analysis	K3
CO4	Analyze content using pivot table	K3
CO5	Build Applications using VBA code	K3

**Lab Exercises:**

1. Create a Worksheet and Workbook
2. Apply formatting and functions
3. Apply Conditional Formatting
4. Create a table, sort data and apply filter
5. Mark Sheet Preparation
6. Create a Pivot table and generate a pivot chart
7. Lookup for worksheet
8. Hide all Worksheets except the active sheet using VBA
9. Change the Letter Case of Selected Cells using VBA
10. Highlight Blank Cells with VBA

**Web References:**

1. [http://www2.cs.uregina.ca/~cs104/what\\_to\\_do/check\\_the\\_lab\\_outline/Seminar5Excell/exercises/exercise.html](http://www2.cs.uregina.ca/~cs104/what_to_do/check_the_lab_outline/Seminar5Excell/exercises/exercise.html)
2. <https://excel-practice-online.com/>
3. <https://www.automateexcel.com/vba-code-examples/>

**Pedagogy:**

Live Demonstration , PPT, Youtube videos

**Course Designer:**

Ms.P.Muthulakshmi



**Dr. V.SINTHU JANITA PRAKASH**  
Head, PG & Research  
Department of Computer Science  
Cauvery College for Women  
Tiruchirappalli-620 018.



**DEPARTMENT OF COMPUTER APPLICATIONS**

<b>Value Added Course</b>	<b>Basic Mobile Application Development</b>	<b>30 Hours</b>
<b>Course Code: 21VACA01P</b>	(Offered to students of all Programme)	Date of Introduction: <b>01.10.2021</b>

**OBJECTIVE**

- To design and develop user Interfaces for the Android platform.

**COURSE OUTCOME:**

- On successful completion of the course, students will be able to

<b>CO NUMBER</b>	<b>CO STATEMENT</b>	<b>KNOWLEDGE LEVEL</b>
CO1	Install and configure Android application development tools.	K2
CO2	State information across important operating system events.	K3
CO3	Apply Java programming concepts to Android application development.	K3

**List of Experiments:**

1. To study Android Studio and android studio installation. Create “Hello World” application.
2. To understand Activity, Intent, Create sample application with login module.(Check username and password).
3. Design simple GUI application with activity and intents e.g. calculator.
4. Develop an application that makes use of RSS Feed.
5. Write an application that draws basic graphical primitives on the screen
6. Create an android app for database creation using SQLite Database.
7. Develop a native application that uses GPS location information
8. Implement an application that writes data to the SD card.
9. Design a gaming application
10. Create an application to handle images and videos according to size.

**Books for Reference:**

<b>S.No</b>	<b>Author(s)</b>	<b>Title of the book</b>	<b>Publisher</b>	<b>Year of Publications</b>
1	Reto Meier	“Professional Android 4 Application Development”	1st Edition, Wile Publication	2012

<b>DEPARTMENT OF COMPUTER APPLICATIONS</b>		
<b>Value Added Course</b>	<b>Open Broadcaster Software</b>	<b>30 Hours</b>
<b>Course Code: 21VACA02</b>	(Offered to students of all Programme)	Date of Introduction: <b>01.10.2021</b>

### **OBJECTIVES**

- To learn how to use Open Broadcaster Software to create professional live streams and video recordings
- Create live streams to Facebook or YouTube
- How to use OBS with Zoom, Google meet

### **COURSE OUTCOME:**

- On the successful completion of this course the students will be able to

<b>CO NUMBER</b>	<b>CO STATEMENT</b>	<b>KNOWLEDGE LEVEL</b>
CO1	Identify technologies behind broadcasting	K1
CO2	Improves creativity in subject matters	K2
CO3	Explain and express views and opinions in broadcasting software	K2
CO4	Prepare and practice live stream techniques	K3

### **Syllabus:**

#### **UNIT I**

**(5 HOURS)**

**Introduction** : Introduction of broadcasting software-About Open Broadcaster Software-Downloading & installing OBS-OBS Interface Overview.

#### **UNIT II (Related Experience)**

**(5 HOURS)**

**OBS instruments:** OBS Sources-Scenes-Audio and Video Bitrates-OBS Basic Settings.

#### **UNIT III (Related Experience)**

**(6 HOURS)**

**Effects & additional Tools** : Tools-Filters-Managing layers-Adding overlay.

**UNIT IV (Related Experience)****(7 HOURS)**

**Video Recording:** Optimizing OBS for Recording-Video recording and editing of live event-Recording virtual platform event.

**UNIT V (Related Experience)****(7 HOURS)**

**Streaming:** Optimizing OBS for Streaming-Live Streaming Techniques-Streaming in YouTube and Facebook.

**Books for Reference:**

<b>S.No</b>	<b>Author(s)</b>	<b>Title of the book</b>	<b>Publisher</b>	<b>Year of Publications</b>
1	Paul William Richards	“The Unofficial Guide to Open Broadcaster Software”	Independently Published	2019
2	Walt Roberts	“Live Streaming Kit: How to Live Stream Online for Beginners & Gamers”	One Jacked Monkey, LLC	2019

DEPARTMENT OF COMPUTER APPLICATIONS		
<b>Value Added Course</b>	<b>Front End Development-HTML</b>	<b>30 Hours</b>
Course Code: 22VACA04P	(Offered to students of all Programme)	Date of Introduction: 06.01.2022

### Objectives:

- To create web page
- To learn basic concepts of tags for formatting the web page
- To learn the concepts of forms and frames

### Course Outcome:

·On successful completion of the course, students will be able to

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	To create web page using various formatting tags	K2
CO2	To apply hyperlinks to navigate pages	K3
CO3	To apply images and tables for web page presentation	K3

### Lab Exercises:

1. Creation of Basic HTML elements
2. Change the background color of web page.
3. Format web page using Table tags
4. Create a web page which defines all text formatting tags of HTML in tabular format
5. Create webpage using list tags of HTML.
6. Navigate from page to page using Hyperlinks
7. Adding an E-mail address link.
8. Create HTML document using Image tags
9. Create web page using Frames
10. Create web document using Forms
11. **Frames:** Online news reader creation
12. **Forms:** Creation of Online Application Form

**Web References:**

1. <https://www.jnec.org/labmanuals/cse/se/sem1/HTML-SY-PART-I.pdf>
2. [https://www.tutorialspoint.com/html/html\\_tutorial.pdf](https://www.tutorialspoint.com/html/html_tutorial.pdf)
3. <https://www.ramanacoachingcenter.com/programs/technology/html-css/>

**Pedagogy:**

PPT,Live Demonstration ,Youtube videos

**Course Designer:**

Dr.K.Akila

DEPARTMENT OF COMPUTER APPLICATIONS		
<b>Value Added Course</b>	<b>Power Point –Presentation &amp; Animation</b>	<b>30 Hours</b>
Course Code: 22VACA05P	(Offered to students of all Programme)	Date of Introduction: 06.01.2022

### Objectives:

- To create and manage presentation
- To learn basic concepts of designing slides, Formatting text, shapes & images
- To learn the concepts of Animations

### Course Outcome:

·On successful completion of the course, students will be able to

CO NUMBER	CO STATEMENT	KNOWLEDGE LEVEL
CO1	To create new presentation	K2
CO2	To create and modify text ,images in various slides	K2
CO3	To apply animations for the presentation	K3

### Lab Exercises:

13. Create ,insert and format Slides
14. Change presentation options and views
15. Configure and present a slide show
16. Insert and format shapes and Text Boxes
17. Insert and Format Images
18. Order and Group Objects
19. Insert Tables, charts, SmartArt and Media
20. Apply Slide Transitions
21. Animate Slide content
22. Adding and previewing Animations
23. Set Timing for Transitions and Animations
24. Sharing Presentation

### Web References:

4. <https://nutsandboltsspeedtraining.com/powerpoint-tutorials/how-to-make-a-powerpoint/>
5. <https://support.microsoft.com/en-us/office/create-a-presentation-in-powerpoint->
6. <https://support.microsoft.com/en-us/office/add-animation-to-slides>

**Pedagogy:**

PPT,Live Demonstration ,Youtube videos

**Course Designer:**

Dr.LakshnaArun

<b>DEPARTMENT OF INFORMATION TECHNOLOGY</b>		
<b>VALUE ADDED COURSE</b>	<b>CONTENT MANAGEMENT TOOLS</b>	<b>COURSE DURATION 30 HOURS</b>
<b>COURSE CODE - 21VAIT02P</b>	<b>OFFERED TO STUDENTS OF ALL DEPARTMENTS</b>	<b>DATE OF INTRODUCTION 04-10-2021</b>

### **COURSE OBJECTIVES**

- To understand and Develop a simple content using MS.Power Point
- To create and publish content using Word Press

### **COURSE OUTCOMES**

**On the successful completion of the course, students will be able to**

<b>CO NUMBER</b>	<b>CO STATEMENT</b>	<b>KNOWLEDGE LEVEL</b>
CO1	To understand the basics of Content management	K1
CO2	To develop a simple content using Ms PowerPoint	K2
CO3	To design a website using Word press	K2
CO4	To develop and publish simple content using Word Press	K2



## CONTENT MANAGEMENT TOOLS

### **Introduction to Content management System (6 Hours)**

What is Content Management System (CMS) - Features- Advantages - Disadvantages?

### **Word Press Basics (6 Hours)**

Overview - Installation-Dashboard - Create a Permanent link for user website and make it as public site - Set your website title and tagline

### **Designing a Website (6 Hours)**

Pick a theme and design a website - Create categories for website post - Write a blog and post - Customize word press theme

### **Creating Links and Comments (6 Hours)**

Create and Manage links in word press pages - Add and mange comments in blog posts - WordPress Tags - Links-Add plugins to websites abilities

### **Word Press Add-Ons (6 Hours)**

Access word press media libraries - Create and publish pages in website - Adjust site navigation using menus and widgets

### **REFERENCE BOOKS:**

SNO	AUTHORS	TITLE	PUBLISHERS	YEAR OF PUBLICATION
1.	Stephen Burge	WordPress Explained: Your Step-by-Step Guide to WordPress: 3	Prentice Hall	2020
2.	Martin Fowler	Teach Yourself VISUALLY WordPress	John Wiley & Sons	2015
3.	Kevin Wilson	Using PowerPoint 2019: The Step-by-step Guide to Using Microsoft PowerPoint 2019 (Using Microsoft Office Book 3)	Elluminet Press	2020

**Web References** : <https://www.tutorialspoint.com/wordpress/index.htm>

**Course Designer** : **Ms.P.Tamilselvi**

**Pedagogy** : **System, White Board**



DEPARTMENT OF INFORMATION TECHNOLOGY		
<b>VALUE ADDED COURSE</b>	<b>DATA ANALYSIS AND PRESENTATION TOOLS</b>	<b>COURSE DURATION 30 HOURS</b>
<b>COURSE CODE 21VAIT01P</b>	<b>OFFERED TO STUDENTS OF ALL DEPARTMENTS</b>	<b>DATE OF INTRODUCTION 04-10-2021</b>

#### **COURSE OBJECTIVES**

- To create , format document using MS Word
- To analyze and use built in functions using MS-Excel
- To create a chart and use Advance tools using Ms-Excel.

#### **COURSE OUTCOMES**

**On the successful completion of the course, students will be able to**

<b>CO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
CO1	To create, format and analyse a document using Ms-Word	K1
CO2	To use various advanced tools in Ms Excel for Data analysis	K2
CO3	To retrieve online data set for Statistical analysis	K3
CO4	To develop a simple E-content using Ms PowerPoint	K2
CO5	To create a Video content by employing various multimedia tools	K3

## DATA ANALYSIS AND PRESENTATION TOOLS

### **Ms-Word -I**

**(4 Hours)**

Basics of Word - Hyperlinks - Language Tools - Cross-Referencing - Line Numbers - Watermarks - Footnotes/Endnotes - Citations/Bibliographies - Captions

### **Ms-Word – II**

**(4 Hours)**

Indexing - Adding Comments - Track Changes - Accepting/Rejecting Changes - Comparing Documents-Understanding Google Docs and Google Forms.

### **Ms-Excel**

**(8 Hours)**

Overview of the Basics of Excel-Customizing common options in Excel - Absolute and relative cells - Protecting and un-protecting worksheets and cells

### **Ms-Excel**

**(7 Hours)**

Working with Functions - Writing conditional expressions –(using IF)- Using logical , functions (AND, OR, NOT) –Using -Using lookup and reference functions - Data Validations - Working with Templates - Sorting and Filtering Data - Working with Reports –Using Google Sheets - Analysing online data set .

### **Ms-Power Point**

**(7 Hours)**

Introduction to Microsoft Word 2013--- The Basics of Creating Presentations- Applying Themes and Layouts to Slides- Working with Objects- Entering, Editing, and Formatting Text- Working in Outline View- Proofing Presentations- Inserting Pictures, Graphics, Shapes, and Other Things- Inserting Tables into Presentations-Charts and SmartArt- Adding Sound and Video- Conversion from PPT to Mpeg file format-Adding Transitions and Animation- Master Slides- Printing and Running Slide Shows- Saving, Sharing, and Exporting Presentations- Using Google Slide

**REFERENCE BOOKS:**

<b>SNO</b>	<b>AUTHORS</b>	<b>TITLE</b>	<b>PUBLISHERS</b>	<b>YEAR OF PUBLICATION</b>
1.	Mike Van Niekerk	VBA Automation for Excel 2019 Cookbook: Solutions to automate routine tasks and increase productivity with Excel and other MS Office applications	Packt Publishing Limited	2017
2.	Linda Foulkes	Learn Microsoft Office 2019: A comprehensive guide to getting started with Word, PowerPoint, Excel, Access, and Outlook	Packt Publishing Limited	2020

**Web References**

<https://www.tutorialspoint.com/word/index.htm>

<https://www.tutorialspoint.com/powerpoint/index.htm>

<https://www.tutorialspoint.com/excel/index.htm>

**Course Designer** : **S.Suguna Devi**

**Pedagogy** : **System, White Board**



<b>DEPARTMENT OF INFORMATION TECHNOLOGY</b>		
<b>VALUE ADDED COURSE</b>	<b>GRAPHICS AND BASIC ANIMATION TOOLS</b>	<b>COURSE DURATION 30 HOURS</b>
<b>COURSE CODE 21VAIT03P</b>	<b>OFFERED TO STUDENTS OF OTHER PROGRAMME</b>	<b>DATE OF INTRODUCTION 04-10-2021</b>

#### **COURSE OBJECTIVES**

- To create images and apply various effects
- To create simple and render Animation

#### **COURSE OUTCOMES**

**On the successful completion of the course, students will be able to**

<b>CO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
CO1	To understand the basics of photo editing tools	K1
CO2	To create different formats of images	K2
CO3	To demonstrate various techniques for animation	K2
CO4	To apply special effects on animated images	K2

## GRAPHICS AND BASIC ANIMATION TOOLS

### Basic Photo Editing Tools

(3 Hours)

Introduction – Selection Tools - Selection Shading - Transformation of Objects - Cropping An Image In Photoshop - Perspective Distortion Correction - Retouching Tools In Adobe Photoshop - Painting Tools In Adobe Photoshop - Editing Tools in Adobe Photoshop - Filling Tools in Adobe Photoshop - Eyedropper Tool Tips - Brush Tool Tips - Load New Brushes - Using Custom Shapes

### Working with Images

(5 Hours)

Rotate and Flip an Image - Color Correction with Curves - Change Image Size to view on Screen - Image Size for Printing - Change Image Resolution

### Working with Layers

(6 Hours)

Creation of Layer – Adjustment of Layer – Applying Layer Mask – Vector Mask – Filtering – Creation of 3D Images

### Creating Animation

(8 Hours)

Animating Text – 2D Animation Techniques – 3D Animation Techniques

### Special Effects on Animation

(8 Hours)

Lights Camera & Special Effects – Character Animation – Rendering

### REFERENCE BOOKS:

SNO	AUTHORS	TITLE	PUBLISHERS	YEAR OF PUBLICATION
1.	Faulkner Andrew, Chavez Conrad	Adobe Photoshop CC Classroom in a Book	Pearson Education	2017
2.	David Dodds	Hands-On Motion Graphics with Adobe After Effects CC	Packt Publishing Limited	2019

### Web References

<https://akvis.com/en/photoshop-tips/painting-tools.php>

<https://www.udemy.com/course/animation-in-after-effects/>

Course Designer : Dr. A. Bhuvaneshwari

Pedagogy : System, White Board



PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY		
<b>Value Added Course</b>	<b>Entrepreneurial Microbiology</b>	<b>30 Hours</b>
<b>Course Code: 21VAMB01</b>	<b>Offered to Microbiology Students</b>	<b>Date of Introduction: 01.10.2021</b>

**OBJECTIVES:**

- ✓ To make the students to understand important concepts of entrepreneurship.
- ✓ To acquire knowledge on basic requirements for establishing a bio-based startup company.

**OUTCOMES:**

On the successful completion of the course students will be able to

CO Number	CO Statement	Knowledge level
CO1	Outline study of Entrepreneurial Microbiology	K1
CO2	Explain the composting process & biofertilizer production	K2
CO3	Prepare and formulate microbial metabolites	K2
CO4	Compile the types of fermented foods	K3
CO5	Relate on various mushroom production	K3

**SYLLABUS**

**Unit I**

**6 Hours**

Entrepreneur development- Definition and scope. National and International agencies for start-ups. Ethical and legal issues involved in bio-based technology company.

**Unit II**

**6 Hours**

Composting- types, methods, field applications, advantages and limitations.

**Unit III****6 Hours**

Biofertilizers *Rhizobium*, *Azotobacter*, *Azospirillum*– Mass production, Package and storage.

**Unit IV****6 Hours**

Fermented beverages- production of wine and beer; Fermented foods- sauerkraut, pickles; Fermented Dairy Products Curd, Buttermilk and Cheese.

**Unit V****6 Hours**

Mushroom cultivation – Preparation of spawn- *Calocybe* sps, *Pleurotus* sps. Post-harvest technology.

**Text Books:**

S. No	Author	Title	Publisher	Year
1.	Charles Bamford	Entrepreneurship	McGraw Hill	2019
2.	William C Frazier, Dennis C Westhoff	Food Microbiology	McGraw Hill	2018
3.	Dr. Awani kr. Singh	Handbook of Microbial Bertilizers	Agrotech press	2018
4.	Madigan M.T, Bender K.S, Buckley D.H, Sattley W.M. and Stahl D.A.	Brock Biology of Microorganisms	Pearson Education	2017
5.	Ram Prasad	Environmental Microbiology	IK International Publishing house, Delhi	2016

**Reference Books:**

S. No	Author	Title	Publisher	Year
1.	James M. Jay, Martin J. Loessner, David	Modern Food Microbiology	Springer	2020



	A. Golden			
2.	Amita Jain	Essentials of Microbiology	Elsevier	2019
3.	Vinita Katiyar & Anubha Joshi	Microbial Research- An Overview	IK International Publishing house, Delhi	2018
4.	Ananthanarayan & Paniker's	Textbok of microbiology	Orient Blackswan	2018
5.	Dr. CD Thapa, Dr. V. Prakasam, Sh. Mohinder Singh	Mushroom culture	ICAR	2016


### Web Links

1. <https://www.ikbooks.com/subject/life-sciences/microbiology/145>
2. <https://www.ikbooks.com/books/book/earth-environmental-sciences/environmental-microbiology/9789384588526/>
3. <https://www.ikbooks.com/books/book/life-sciences/agriculture/potential-microorganisms-sustainable-agriculture/9788190746205/>
4. <https://www.amazon.in/Food-Microbiology-William-C-Frazier/dp/1259062511>
5. <https://www.agrimoon.com/mushroom-culture-horticulture-icar-pdf-book/>
6. [https://www.researchgate.net/publication/41584156\\_Brock\\_Biology\\_of\\_Microorganisms\\_11th\\_edn\\_Michael\\_T\\_Madigan\\_John\\_M\\_Martinko\\_ed](https://www.researchgate.net/publication/41584156_Brock_Biology_of_Microorganisms_11th_edn_Michael_T_Madigan_John_M_Martinko_ed)
7. <https://www.elsevier.com/books/essentials-of-microbiology-for-nurses-1st-edition/kannan/978-81-312-4454-8>
8. <https://www.amazon.in/Management-Entrepreneurship-N-V-R-Naidu/dp/8190675788>

### Pedagogy

Power point presentations, Group Discussion, Seminar, Quiz, Assignments.

**Course Designer:** Dr. R. Nithyatharani

  
**Dr. S. THAMILMARISELVI,**  
 M.Sc., B.Ed., M.Phil., SLET, Ph.D.,  
 HEAD  
 Department of Micro Biology  
 Cauvery College for Women  
 Tiruchirappalli - 620 018.

PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY		
Value Added Course	DIAGNOSTIC MICROBIOLOGY	30 Hours
Course Code: 21VAMB02	Offered to Microbiology Students	Date of Introduction: 01.10.2021

#### OBJECTIVES:

- The students will acquire the necessary knowledge and skill to ensure the quality services in health care sector.
- This is an innovative and need-based program meant to create employment opportunities.

#### OUTCOMES:

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge level
CO1	Understand the basics of clinical specimen	K2
CO2	Interpret the basics of sterilization, culture media and microscopic examinations	K3
CO3	Analyze the biochemical tests for microorganisms	K4
CO4	Explain the antimicrobial screening methods	K4
CO5	Determine the significance of Haematological techniques	K5

#### SYLLABUS

##### UNIT – I (6 Hours)

Collection, transport, processing of specimen and Identification of bacteria from clinical specimens –Urine, Blood, Sputum, Pus and Faeces – transport media and storage.

##### UNIT – II (6 Hours)

Principles and methods of sterilization, disinfection, antiseptics. Culture media-Methods of maintenance and preservation of microbes. Microscopic examination of Bacterial pathogens – simple, differential staining, motility.

##### UNIT – III (6 Hours)

Biochemical tests: Indole, Methyl red, Voges proskauer, Citrate utilization test, Catalase test, Oxidase test and Urease test.

**UNIT – IV (6 Hours)**

Antibiotic sensitivity tests: Disc diffusion- Kirby Bauer method and dilution methods, Determination of Minimum inhibitory concentrations, Minimum bactericidal concentrations and IC<sub>50</sub>.

**UNIT – V (6 Hours)**

Haematological techniques: Blood grouping, total cell count (RBC and WBC), Agglutinations (WIDAL), Precipitation reactions (CPR), differential count, haemoglobin estimation-Sahli's method, Erythrocyte sedimentation test and Pregnancy kit test.

**Text Books**

S.No	Authors Name	Title of the book	Publishers Name	Year
1.	Connie R. Mahon	Textbook of Diagnostic Microbiology	Elsevier	2018
2.	Garry W. Procop, Deidre L. Church, Geraldine S. Hall, William M. Janda, Eimar W. Koneman, Paul C. Schreckenberger and Gail L. Woods	Koneman's Color Atlas and Textbook of Diagnostic Microbiology	Wolters Kluwer Health	2017
3.	Patricia Tille	Bailey & Scott's Diagnostic Microbiology Hardcover – Illustrated	Elsevier	2017
4.	Kanai L. Mukherjee and Anuradha Chakravarthy	Medical Laboratory Technology, Procedure Manual for Routine Diagnostic Tests	Mc Graw Hill India	2017
5.	Vasudevan D M, Sreekumari S and Vidhyanathan K	Textbook of Biochemistry for Medical students	Jaypee & Brothers Medical Publishers (P) Ltd	2016

### Reference Books

S.No	Authors Name	Title of the Books	Publishers Name	Year
1.	Kanai L. Mukherjee	Medical Laboratory Technology	Tata McGraw Hill	2017
2.	Ananthanarayan and Paniker's	Textbook of Microbiology	The Orient Blackswan	2017
3.	Connie Mahon Donald Lehman	Textbook of Diagnostic Microbiology 6th Edition	Elsevier	2016
4.	Gary W Procop and Elmer W Koneman	Koneman's Color Atlas and Textbook of Diagnostic Microbiology	Wolters Kluwer Health	2016
5.	Arora D R and Arora B B	Textbook of Microbiology	CBS Publishers & Distributors	2016


### Web links:

1. <https://www.elsevier.com/books/textbook-of-diagnostic-microbiology/mahon/978-0-323-48218-9>
2. [https://books.google.com/books/about/Textbook\\_of\\_Diagnostic\\_Microbiology\\_E\\_Bo.html?id=VloMBAAAQBAJ](https://books.google.com/books/about/Textbook_of_Diagnostic_Microbiology_E_Bo.html?id=VloMBAAAQBAJ)
3. <https://www.abebooks.com/book-search/title/diagnostic-microbiology-textbook-isolation-identification-pathogenic-microorganisms/>
4. <https://www.pdfdrive.com/medical-laboratory-technician-microbiology-afsc-90470-e17289142.html>
5. <https://www.microbiologyresearch.org/content/journal/jmm/10.1099/00222615-45-5-391?crawler=true&mimetype=application/pdf>

### Pedagogy

Power Point Presentations, Group Discussion, Seminar, Quiz, Assignment and Brain Storming Activity

**Course Designer:** Dr.N.Jeenathunisa

  
**Dr. S. THAMILMARISELVI,**  
M.Sc., B.Ed., M.Phil., SLET., Ph.D.,  
**HEAD**  
Department of Micro Biology  
Cauvery College for Women  
Tiruchirappalli - 620 018.

PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY		
Value Added Course	First Aid and Emergency Care	30 Hours
Course Code: 21VAMB03	Offered to Students of all Programmes	Date of Introduction: 01.10.2021

**OBJECTIVES:**

- To understand and acquire knowledge of First Aid treatment in emergencies.
- To educate the techniques for First Aid treatment.

**OUTCOMES:**

On the successful completion of the course, students will be able to

COs	CO Statement	Knowledge level
CO1	Understand the basic needs of first aid	K2
CO2	Explain awareness about community emergencies	K5
CO3	Explain first aid measures for cardiovascular problems	K5
CO4	Demonstration of first aid measures for poisoning and animal bites	K2
CO5	Explain the techniques for First aid management	K5

**SYLLABUS**

**Unit I**

**6 Hours**

First aid - Introduction, Definition, Scope and Basics of First Aid – First Aid Kit. Managing an incident, Action plan at an emergency- Traffic and Fire accidents, Electrical and Water incidents.

**Unit II**

**6 Hours**

First aid - Community emergencies: fire explosions, earth quakes, flood and famine, Respiratory problems: Hypoxia, Airway obstruction, Choking - adult, infant and child.

**Unit III****6 Hours**

Emergency medical conditions - Heart attack, Stroke, Hyperglycemia, Hypoglycemia, Seizures in adults and children.

**Unit IV****6 Hours**

Poisoning and bites: Types of poisons- Swallowed, Drug, Alcohol. Bites - Animal, Insect, Ticks and Snake bite.

**Unit V****6 Hours**

Techniques- First aid material- Dressings, Cold compresses, Types of bandaging, Techniques for First Aid Treatment – Airway, Breathing and Circulation.

**Text Books**

S.No	Authors Name	Title of the book	Publishers Name	Year
1.	John Furst	The Complete First Aid Pocket Guide: Step-by-Step Treatment for All of Your Medical Emergencies	Simon & Schuster	2018
2.	Clement I	Textbook on First Aid & Emergency Nursing. II Edition	Jaypee Brothers Medical Publishers	2018
3.	Harris N	First Aid and Emergency Care	AITBS	2018
4.	John Furst	The Complete First Aid Pocket Guide: Step-by-Step Treatment for All of Your Medical Emergencies	Simon & Schuster	2018
5.	Liamson SN	First Aid and Emergency Care	Kumar Publications	2012

## Reference Books

S.No	Authors Name	Title of the book	Publishers Name	Year
1.	Ajay Singh	First Aid & Emergency Care	NR Brothers	2019
2.	Sharma Suresh	Potter and Perry's Fundamentals of Nursing: Second South Asia Edition	Elsevier India	2017
3.	American Medical Association	American Medical Association Handbook of First Aid and Emergency Care	Random House Reference	2009
4.	American Academy of Orthopaedic Surgeons (AAOS)	First Aid, CPR, and AED, Standard (Emergency Care and Safety Institute)	Jones and Bartlett Publishers, Inc	2009
5.	Philip Jevon	Emergency care and First Aid for Nurses, A practical guide	Churchill Living Stone,	2007

## Web Links

1. <https://www.slideshare.net/mohanasundariskrose/first-aid-ppt-69486097>
2. <https://slideplayer.com/slide/3559927/>
3. <https://slideplayer.com/slide/3874503/>
4. <https://slideplayer.com/slide/7116496/>

## Pedagogy

Power point presentations, Group Discussion, Seminar, Quiz, Assignment, Brain Storming activity

**Course Designer:** Dr. P. Bhuvaneshwari

**Dr. B. THAMILMARISELVI,**  
M.Sc., B.Ed., M.Phil., SLET., Ph.D.,  
HEAD  
Department of Micro Biology  
Cauvery College for Women  
Trichirappalli - 620 018.

PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY		
<b>Value Added Course</b>	<b>Microbial Inoculant Production Technology</b>	<b>30 Hours</b>
<b>Course Code: 21VAMB04</b>	<b>Offered to Students of all Programmes</b>	<b>Date of Introduction: 01.10.2021</b>

#### OBJECTIVES:

- To make the students to know the importance of Microbial inoculants
- To learn the production methods and field applications of Microbial inoculants

#### Outcomes:

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO1	Explain Microbial inoculants types and Production technology	K2
CO2	Illustrate Symbiotic and Non symbiotic Bacterial bioinoculants and study the mass cultivation methods	K2
CO3	Analyze Fungal Bioinoculants and study the mass cultivation methods	K4
CO4	Create Knowledge about Algal Bioinoculants and study the mass cultivation methods	K6
CO5	Expand view of liquid bioinoculants and study the mass cultivation methods	K6

### SYLLABUS

#### UNIT I

**6 Hours**

Bioinoculants and types: Introduction, Definition and types of bioinoculants, Bacterial, Fungal, algal and Actinorhizal. Advantages and limitations of bioinoculants.

#### UNIT II

**6 Hours**

Bacterial Bioinoculants- Characteristics and Mass production of Bacterial Bioinoculants - Rhizobium, Azospirillum and Azotobacter.

#### UNIT III

**6 Hours**

Fungal Bioinoculants- Characteristics, Types, Mass production and Field applications of Mycorrhizae- vesicular-arbuscular mycorrhiza



**UNIT IV****6 Hours**

Algal Bioinoculants- Characteristics and Mass production of Blue green algae Spirulina and Azolla.

**UNIT V****6 Hours**

Liquid Bioinoculants- - Characteristics and Mass production of Jeevamrutha, Panchagavya and Dasagavya.

**Text Books:**

S.No	Authors Name	Title of the Books	Publishers Name	Year
1.	Krishnendu Acharya, Surjit Sen and Manjula Rai	Biofertilizer and Biopesticide	Techno world	2019
2.	Dr.Reeta Khosla	Biofertilizers and Biocontrol Agents for Organic Farming	Kojo Press	2017
3.	Dr. Hyma	Biofertilizers: Commercial Production Technology and Quality	Random publications	2017
4.	Mahendra K Rai	Hand book microbial biofertilizers	The Haworth press, Inc.	2015
5.	Borkar S.G.	Microbes as Biofertilizers and their Production Technology	Woodhead Publishing India in Agriculture	2015

**Reference Books:**

S.No	Authors Name	Title of the Books	Publishers Name	Year
1.	Rao B.N S	Biofertilizers in Agriculture and Forestry	Oxford & IBH Publishing House	2019
2.	Sharma R.A.	Biofertilizer Technology	Agrotech Publishing Academy	2019
3.	Ameta O.P and Sharma U.S	Biopesticides for Sustainable Agriculture	Agrotech Publishing Academy	2018

4.	Somani L	Biofertilizers: Commercial Production Technology and Quality control	Agrotech Publishing Academy	2018
5.	Bikas R. Pati and Santi M. Mandal	Recent Trends in Biofertilizers	I K Internationa l Publishing House	2016

**Weblinks:**

1. [https://agritech.tnau.ac.in/ta/org\\_farm/orgfarm\\_biofertilizers.html](https://agritech.tnau.ac.in/ta/org_farm/orgfarm_biofertilizers.html)
2. [https://agritech.tnau.ac.in/org\\_farm/orgfarm\\_biofertilizertechnology.html](https://agritech.tnau.ac.in/org_farm/orgfarm_biofertilizertechnology.html)
3. <http://www.techno-preneur.net/technology/new-technologies/food-agro/vam- fungi.html>
4. [http://14.139.187.9/ta/org\\_farm/orgfarm\\_faq's.html](http://14.139.187.9/ta/org_farm/orgfarm_faq's.html)

**Pedagogy**

Power Point Presentations, Group Discussion, Seminar, Quiz, Assignment and Brain Storming Activity

**Course Designer:** Dr.S.Jeyabharathi

*B. Thamilmaraiselvi*

**Dr. B. THAMILMARASELVI,**  
M.Sc., B.Ed., M.Phil., SLET., Ph.D.,  
**HEAD**  
Department of Micro Biology  
Cauvery College for Women  
Tiruchirappalli - 620 018.

<b>PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY</b>		
<b>Value Added Course</b>	<b>Herbal Cosmetics</b>	<b>30 Hours</b>
<b>Course Code: 21VAMB05</b>	<b>Offered to Students to all Programmes</b>	<b>Date of Introduction: 01.10.2021</b>

**OBJECTIVES:**

- To enable students to get exposed to processes involved in the manufacturing of herbal cosmetics
- To understand the preparation of skin and hair care herbal products.

**OUTCOMES:**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>CO Statement</b>	<b>Knowledge level</b>
<b>CO1</b>	Define the basic knowledge of herbal cosmetics	K1
<b>CO2</b>	Describe the skin care cosmetics production	K2
<b>CO3</b>	Preparation of hair care products	K3
<b>CO4</b>	Illustrate the active components of herbs	K2
<b>CO5</b>	Explain quality control of herbal cosmetics	K2

**SYLLABUS**

**Unit I**

**6 Hours**

Introduction: scope, Classification of herbal cosmetics. Processes used in the manufacture of herbal cosmetics. Importance of herbal Cosmetics.

**Unit II**

**6 Hours**

Skin care products: Sources and description of raw materials, methods and preparation of herbal skin care products.

**Unit III**

**6 Hours**

Hair care products: Sources and description of raw materials, methods and preparation of herbal hair care products.

**Unit IV**

**6 Hours**

General account on active components of following herbal and its products such as Aloe vera, Almond oil, Neem, Henna, Turmeric.

**Unit V****6 Hours**

General principles of quality control and standardization of herbal cosmetics- shelf testing. Toxicity studies as per Drug and Cosmetics Act. BIS guidelines of herbal cosmetic products and its raw materials.

**Text Books:**

S.No	Author Name	Title Book	Publisher Name	Year
1.	M. Vimaladevi	Textbook of Herbal Cosmetics	CBS Publisher	2019
2.	EIRI	Handbook of Synthetic & Herbal Cosmetics (How to make Beauty Products)	Engineers India Research Inc.	2015
3.	EIRI	Herbal Cosmetics & Beauty Products with Formulations	Engineers India Research Inc.	2015
4.	H Panda	Herbal Cosmetics Handbook	Asia Pacific Business Press Inc	2015
5.	Shailendra Saraf Swarnlata Saraf	Cosmetics A Practical Manual	Pharma Med Press	2014

**Reference Books:**

S.No	Author Name	Title Book	Publisher Name	Year
1.	Stephen Barton, Allan Eastham & Amanda Isom	Discovering Cosmetic Science	Royal Society of Chemistry	2020
2.	R.Magazine	Drugs and Cosmetics Formulations	CBS Publisher	2019
3.	Nikita Upadhyay	Roots to Radiance: Wholesome Beauty Solutions for the Millennial Life	Penguin eBury Press	2019

4.	R.K. NEMA	Textbooks of Cosmetics	CBS Publisher	2017
5.	Malanie Sachs	Ayurvedic Beauty Care: Ageless Techniques To Invoke Natural Beauty	Motilal Banarsidass	2014

### Web links

1. <http://www.bioline.org.br/pdf?pl08083>
2. [https://personalcarescience.com.au/userfiles/files/Book\\_sample/Beginner%20book%20V7%20-%20SAMPLE.pdf](https://personalcarescience.com.au/userfiles/files/Book_sample/Beginner%20book%20V7%20-%20SAMPLE.pdf)
3. [http://www.phdmsme.in/uploaded\\_files/project\\_report/1536151263\\_616.pdf](http://www.phdmsme.in/uploaded_files/project_report/1536151263_616.pdf)
4. <http://www.ijccts.org/fulltext/17-1569161409.pdf>
5. <https://innovareacademics.in/journals/index.php/ijap/article/view/27377/16199>

### Pedagogy

Power point presentations, Group Discussion, Seminar, Quiz, Assignment, Brain Storming activity.

**Course Designer:** Ms.S.Sathya

*B. Thamilmaraiselvi*

**Dr. B. THAMILMARASELVI,**  
M.Sc., B.Ed., M.Phil., SLET, Ph.D.,  
HEAD  
Department of Micro Biology  
Cauvery College for Women  
Tiruchirappalli - 620 018.

DEPARTMENT OF BIOTECHNOLOGY		
VALUE ADDED COURSE	FOOD ADULTERANTS IN EVERYDAY LIFE	HOURS - 30
COURSE CODE 21VABT01P	OFFERED TO STUDENT OF ALL PROGRAMMES	DATE OF INTRODUCTION 04.10.2021

### OBJECTIVES

- To create awareness among the students about common Food adulterants
- To protect themselves from harmful adulterants
- To create interest among students in identifying adulterants in day today life

### COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO 1	Define the adulteration of common foods	K1
CO 2	Comprehend skills pertaining to detecting food adulterants	K1
CO 3	Demonstration of detecting adulteration in Milk and Milk Products	K2
CO 4	Distinguish fake products from the original products	K4
CO 5	Qualitatively analyze the adulterant present in common food.	K5

**VALUE ADDED COURSE**  
**FOOD ADULTERANTS IN EVERYDAY LIFE**

**30 HOURS**

1. Detection of starch and detergent in Milk.
2. Identification of starch in Paneer & Condensed milk.
3. Identification of vanaspathy or margarine in Ghee.
4. Detection of other oils in Coconut oil.
5. Identification of other oils in Vegetable oil.
6. Identification of sugar solution in Honey and Jaggery.
7. Identification of chalk/white powder in sugar, Salt and wheat flour.
8. Detection of iron fillings & exhausted tea in Tea leaves.
9. Detection of chicory powder/clay in Coffee powder.
10. Identification of colouring agent in Green Peas, Green Chilli & Vegetables.
11. Detection of foreign resin or earthy matter in Asafoetida.
12. Identification of lead chromate in pulses.
13. Detection of adulterant seeds in cumin & mustard seeds.
14. Identification of papaya seeds in black pepper.
15. Detection of lead chromate/artificial colours in Turmeric & Red chilli powder.
16. Identification of sawdust powdered bran in Spice powder.
17. Detection of coloured tendrils of maize cob in Saffron.
18. Detection of wax polishing in Fruits.
19. Identification of aluminium foil in Silver foiled Sweets.
20. Identification of washing powder in Ice cream.

## REFERENCE BOOKS

S. No.	Author name	Title of the book	Publisher name	Year of publication
1	Charis M. Galanakis	Innovative Food Analysis	Academic Press	2020
2	Alankar Shrivastava	Adulteration Analysis of Some Foods and Drugs	Bentham Science Publishers	2019
3	Rajan Sharma, Y.S. Rajput, Amit K. Barui and Laxmana Naik N.	Detection of Adulterants in Milk – A laboratory manual (Revised Edition)	Intech Printers & Publishers, Karnal, India	2017
4	Ramesh Kumar Sharma & Salvatore Parisi	Toxins and Contaminants in Indian Food Products 1st Edition	Springer	2017
5	Shyam Narayan Jha	Rapid Detection of Food Adulterants and Contaminants: Theory and Practice – 1 <sup>st</sup> edition	Academic Press	2015

## WEB LINKS

- <https://vikaspedia.in/health/health-campaigns/beware-of-adulteration/methods-for-detection-of-common-adulterants-in-food>
- <https://fssai.gov.in/dart/>

## PEDAGOGY

Power point presentation, Quiz, Assignment, Experience Discussion, Brain storming and Activity.

## COURSE DESIGNER

Ms.P. Ilamathy, Ms.R. Nevetha and Ms.P. Jenifer

  
Dr. R. RAMESHWAR, M.Sc., M.Phil., Ph.D., SET.  
ASSISTANT PROFESSOR  
DEPARTMENT OF BIOTECHNOLOGY  
CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)  
TIRUCHIRAPPALLI - 620 018



DEPARTMENT OF BIOTECHNOLOGY		
VALUE ADDED COURSE	WATER QUALITY ANALYSIS	HOURS - 30
COURSE CODE 21VABT02P	OFFERED TO SCIENCE STREAMS	DATE OF INTRODUCTION 04.10.2021

### OBJECTIVES

- To apply basic chemical principles to better understand water quality for drinking water treatment and for wastewater treatment.
- To apply basic analytical chemistry principles to understand how to measure common water and wastewater constituents.
- To provide employability for students

### COURSE OUTCOMES

On the successful completion of the course, students will be able to

CO Number	CO Statement	Knowledge Level
CO 1	Understand National Primary Drinking Water Regulations.	K1
CO 2	Comprehend knowledge about sources, cause and impacts of water pollutants.	K2
CO 3	Measure the concentration of constituents in quantity for characterization of water for different uses.	K3
CO 4	Experiment water quality criteria and parameters.	K3
CO 5	Evaluate the various parameters essential for potable water.	K4

## VALUE ADDED COURSE

### WATER QUALITY ANALYSIS

HOURS -30

1. Determination of Total Alkalinity of water
2. Determination of the total hardness of the water sample
3. Determination of pH of waste water
4. Determination of Dissolved oxygen of waste water
5. Determination of Chemical oxygen demand of waste water
6. Determination of Biological oxygen demand of waste water
7. Determination of Acidity of water
8. Determination of salinity of the given water sample
9. Bacteriological Analysis- Estimation of coliforms in the given water sample
10. Determination of Turbidity of various water sample
11. Estimation of the Nitrate level in water sample
12. Estimation of the Chloride level in Water sample
13. Estimation of the Fluoride level in Water sample.
14. Detection of Iron content present in water sample
15. Detection of Manganese content present in water sample

## REFERENCE BOOKS

S. No.	Author name	Title of the book	Publisher name	Year of publication
1	A G S. Reddy	A Textbook on Water Chemistry: Sampling, Data Analysis and Interpretation	Rajiv Gandhi National Ground Water Training and Research Institute, Raipur, CG, India	2020
2.	Yuncong Li & Kati Migliaccio	Water Quality Concepts, Sampling, and Analyses	Taylor & Francis Ltd	2019
3	Leo M.L.Nollet, Leen S.P.De Gelder	Handbook of Water Analysis	CRC Press Taylor & Francis Groups	2014
4	Dean, J. R., Jones, A. M., Holmes, D., Reed, R., Weyers, J., & Jones, A	Practical skills in Chemistry	2nd Ed., Prentice Hall, Harlow	2011
5	Chatterje A.K.,	Water Supply, Waste Disposal and Environmental Engineering (8th ed.,)	New Delhi, Khanna Publisher	2010

### Web Links

- <https://www.firestoneco.gov/199/Water-Quality-Reports-Testing>
- [https://www.cdc.gov/healthywater/drinking/public/water\\_quality.html](https://www.cdc.gov/healthywater/drinking/public/water_quality.html)
- <http://www.fao.org/3/x5624e/x5624e05.htm>

## PEDAGOGY

**Power point presentation, Quiz, Assignment, Experience Discussion, Brain storming and Activity.**

## COURSE DESIGNER

**Dr.R. Rameshwari, Dr.R. Uma Maheswari and Dr.M. Keerthiga**



**Dr. R. RAMESHWARI, M.Sc., M.Phil., Ph.D., SET.**  
ASSISTANT PROFESSOR  
DEPARTMENT OF BIOTECHNOLOGY  
CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)  
TIRUCHIRAPPALI - 620 018

DEPARTMENT OF BIOTECHNOLOGY		
<b>VALUE ADDED COURSE</b>	<b>BASIC RESEARCH FOR UNDERGRADUATES</b>	<b>HOURS - 30</b>
<b>COURSE CODE</b> 21VABT03	<b>OFFERED TO STUDENTS OF ALL UNDERGRADUATE PROGRAMMES</b>	<b>DATE OF INTRODUCTION</b> 04.10.2021

### OBJECTIVES

- To familiarize with the basic concepts about the research for undergraduate students.
- To make them understand the processes involved in research
- To introduce the foundations of research writing and publishing

### COURSE OUTCOMES

Upon successful completion of the course, the students will be able to

<b>CO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
CO 1	Illustrate about research and its classification.	K1
CO 2	<i>Describe about Problem Identification &amp; Formulate research Question, Investigation Question and hypothesis.</i>	K1
CO 3	Infer Literature collection and Literature citation.	K2
CO 4	Summarize thesis Report, Table, Figures, Format of Thesis.	K2
CO 5	Discover the Standard of Research journals – impact factors and citation index.	K3

**VALUE ADDED COURSE**  
**BASIC RESEARCH FOR UNDERGRADUATES**

**30 HOURS**

**UNIT I**

Research – Introduction to research, Types of research: exploratory, descriptive and causal research. Steps involved in research.

**UNIT II**

Designing a research: Identification of research problem, Research Question and Investigation. Hypothesis - Qualities of a good Hypothesis, Null Hypothesis & Alternative Hypothesis.

**UNIT III**

Literature survey, citations, Different formats for citing reference and reference tools: Mendeley and End note.

**UNIT IV**

Dissertation writing - Component of Research report - Objectives, Methodology, Tables, Figures and Interpretation of results.

**UNIT V**

Publications: Types of articles, Journals – standards and metrics – Research databases. Publication ethics: Plagiarism.

## REFERENCE BOOKS

S.No.	Author name	Title of the book	Publishername	Year of publication
1	C.R. Kothari and Gaurav Garg	Research Methodology: Methods and Techniques	New Age International Publishers	2019
2	Mousami V. Munot, Vinayak Bairagi	Research Methodology: A Practical and Scientific Approach	CRC Press	2019
3	Deepak Chawla (Author), Neena Sondhi	Research Methodology: Concepts and Cases: Concepts & Cases	Vikas Publishing House	2016
4	Colin Robson	How to do a Research Project: A Guide for Undergraduate Students	Wiley	2014
5	Anne H. Charity Hudley, Cheryl L. Dickter, Hannah A. Franz	The Indispensable Guide to Undergraduate Research	Teachers College Press	2017

### WEBLINKS:


- <https://www.mendeley.com/reference-management/reference-manager>
- <https://www.intechopen.com/chapters/68505>

### PEDAGOGY

Power point presentation, Quiz, Assignment, Experience Discussion, Brain storming and Activity.

### COURSE DESIGNER

Dr.S. Abinaya and Dr.G. Gomathi



Dr. R. RAMESHWARI, M.Sc., M.Phil., Ph.D., SET.  
ASSISTANT PROFESSOR  
DEPARTMENT OF BIOTECHNOLOGY  
CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)  
TIRUCHIRAPPALI - 620 018

<b>DEPARTMENT OF FOOD SERVICE MANAGEMENT AND DIETETICS</b>		
<b>VALUE ADDED COURSE</b>	<b>PRINCIPLES OF INTERIOR DESIGN</b>	<b>HOURS-30</b>
<b>COURSE CODE - 21VAFS01</b>	OFFERED TO STUDENTS OF ALL THE PROGRAMMES	<b>DATE OF INTRODUCTION</b>  <b>01.10.2021</b>

### **Objectives**

- To understand the art elements and principles of design in interiors.
- To provide solution to create new ideas and innovation.
- To apply the acquired knowledge on selecting appropriate design to decorate the interiors.

### **Course outcomes**

On the successful completion of the course, students will be able to:

<b>CO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
<b>CO1.</b>	Identify the role of good taste in interior design	K1
<b>CO2.</b>	Classify design	K2
<b>CO3.</b>	Explain the elements of design	K2
<b>CO4.</b>	Apply the principles of design to daily life	K3
<b>CO5.</b>	Make use of design concepts in interior decoration	K3

## **Syllabus**

### **UNIT-I**

#### **INTRODUCTION TO INTERIOR DESIGN**

**(6 Hours)**

Introduction to art and design, importance of design, objectives of aesthetic planning, role of good taste and good designer.

#### **Related Experience**

Record creation related to good taste in interior design.

### **UNIT II**

**(6 Hours)**

#### **TYPES OF DESIGN**

Structural and decorative design. Classification of decorative design- naturalistic, stylized, abstract and geometrical design.

#### **Related Experience**

Illustrating the different types of design using various structural and decorative design.

### **UNIT III**

**(6 Hours)**

#### **ELEMENTS OF DESIGN**

Line, direction, shape, form, size, texture, space and colour.

#### **Related Experience**

Discuss the role of elements of design in interior design.

### **UNIT IV**

**(6 Hours)**

#### **PRINCIPLES OF DESIGN**

Harmony, balance, proportion, emphasis and rhythm.

#### **Related Experience**

Interpret the role of principles of design in interior design.

### **UNIT-V**

**(6 Hours)**

Application of design concept in interior decoration.

#### **Related Experience**

Collection and application of elements and principles of design in daily life.



**Text book**

S.No.	Author name	Year of publication	Title of the book	Publisher s name
1.	G.Raghubalan & Smritee Raghubalan	2015	HotelHousekeeping: Operations and Management	Oxford University Press India
2.	Andrews Sudhir	2017	Hotel Housekeeping	New York Mc graw Hill Companies
3.	Singh Malini	2012	Hotel Housekeeping	Delhi: Mcgraw Hill Plt

**Reference books**

S.No.	Author name	Year of publication	Title of the book	Publishers name
1.	Sushma Gupta	1991	Home Management Hygiene and Physiology	Madras: Kalyani Publishers
2.	Varghese, MA	2005	Home Management	Delhi New Age International Limited
3.	Kappa, Margaret M	1997	Housekeeping Management	Michigan: Educational Institute of the American Hotel & Motel Association

**Web links**

<https://tilen.space/what-are-7-principles-of-interior-design-base-of-each-design/>

**Pedagogy:** Lecture, Power point presentation, E-content, Demonstration, Assignment.

**Course designers**

- Ms. B.Thanuja
- Ms.M.Vinothini
- Ms.T.R.Revathi

*Revathi*  
18/07/2022

DEPARTMENT OF FOOD SERVICE MANAGEMENT AND DIETETICS		
<b>VALUE ADDED COURSE</b>	<b>NUTRITIONAL CARE FOR PREGNANCY</b>	<b>HOURS-30</b>
<b>COURSE CODE – 21VAFS03</b>	OFFERED TO STUDENTS OF ALL THE PROGRAMMES	<b>DATE OF INTRODUCTION</b>  <b>01.10.2021</b>

#### **Objectives**

- To able to understand the physiological changes during pregnancy.
- To understand the knowledge about the dietary problems during pregnancy.
- To acquire knowledge about nutritional requirement of pregnancy.

#### **Course Outcomes**

On the successful completion of the course, students will be able to:

<b>Co Number</b>	<b>CO statement</b>	<b>Knowledge level</b>
CO 1	Identify the nutritional alterations during pre-conception	K1
CO 2	Classify the nutritional deficiencies of the pregnancy	K2
CO 3	Explain complications of pregnancy	K2
CO 4	Illustrate the nutritional requirements of pregnancy	K3
CO 5	Apply dietary principles in menu planning	K3

**Syllabus:**

**UNIT I**

**(7 hours)**

**PRE-CONCEPTION AND CONCEPTION**

Introduction, nutritional alterations during pre-conception & conception, balanced diet plan during pre-conception.

**UNIT II**

**(6 hours)**

**PHYSIOLOGICAL CHANGES DURING PREGNANCY**

Blood volume and composition, cardiovascular function, pulmonary function, gastro intestinal function, renal function, changes in uterus, breast and body fluids, weight gain.

**UNIT III**

**(5 hours)**

**COMPLICATIONS OF PREGNANCY AND THEIR DIETARY IMPLICATIONS**

Obesity management, gestational diabetes mellitus, pregnancy induced hypertension, Ectopic pregnancy.

**UNIT IV**

**(5 hours)**

**DIETARY AND DEFICIENCY PROBLEMS DURING PREGNANCY**

Nausea, vomiting, constipation, edema and leg cramps, heart burn, iron deficiency anemia, folic acid deficiency anemia, maternal malnutrition.

**UNIT V**

**(7 hours)**

**NUTRITIONAL REQUIREMENTS AND DIET DURING PREGNANCY**

Recommended Dietary Allowances, Macro and micro nutrient requirements – calorie, protein, fat, vitamin – A, D, E, C, B complex, iron, calcium, zinc and folic acid. Foods to be included and avoided.

### Text Books

S.No.	Author name	Year of publication	Title of the book	Publishers name
1	Srilakshmi B	2014	Dietetics	New Age International, New Delhi.
2	Gajalakshmi R	2014	Nutrition Science	CBS Publishers Distributors Pvt. Ltd

### Reference Books

#### Reference Books

S.No.	Author name	Year of publication	Title of the book	Publishers name
1	Sari Edelstein	2009	Life cycle nutrition	Jones and Bartlett Publisher
2	Swaminathan M	2012	Handbook of Food and Nutrition	Bangalore Publishing Co Ltd
3	Townsend, Carolyn E	2000	Nutrition and Diet Therapy London:	I.T.P an International Thomson Publishing Company

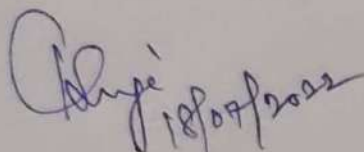
### Web links

- <https://www.moh.gov.sa/en/awarenessplatform/WomensHealth/DuringPregnancy/Documents/Nutrition%20During%20Pregnancy.pdf>
- <https://seasonsmedical.com/pregnancy-nutrition-diet.pdf>

**Pedagogy:** Lecture, Power point presentation, E-content, Demonstration, Assignment.

### Course Designers

- Ms.B.Thanuja
- Ms.S.Agalya
- Ms.E.Agalya

  
18/07/2022

DEPARTMENT OF FOOD SERVICE MANAGEMENT AND DIETETICS		
<b>VALUE ADDED COURSE</b>	<b>FOOD PRESERVATION</b>	<b>HOURS-30</b>
<b>COURSE CODE – 22VAFS01</b>	OFFERED TO STUDENTS OF ALL THE PROGRAMMES	<b>DATE OF INTRODUCTION</b>  31.05.2022

#### **Objectives**

- To understand the basic principles of food preservation.
- To acquire knowledge on various food preservation techniques.
- To conserve the food for future use.

#### **Course outcomes**

On the successful completion of the course, students will be able to:

<b>CO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
CO1.	Define food spoilage and preservation	K1
CO2.	Classify the different methods of preservation	K2
CO3.	Explain the range of processing operations used for food preservation	K2
CO4.	Illustrate the types of driers	K3
CO5.	Interpret the chemical preservatives and the materials used in packaging	K3

## Syllabus

### UNIT-I

(5 Hours)

- a) **INTRODUCTION TO FOOD SPOILAGE**- Definition, types of spoilage, sources of spoilage and preventive measures.
- b) **FOOD PRESERVATION** – Definition, objectives, principles of food preservation and types of food preservation.

### UNIT-II

(7 Hours)

- a) **PRESERVATION BY ADDITION OF SUGAR** – Principles, preparation of jams, jellies, fruit preserves and squashes.
  - b) **PRESERVATION BY ADDITION OF SALT**- Principles of pickling process, preparation of pickles.
- Related Experience** – Preparation of mixed fruit jam, guava jelly, papaya tutti frutti, grapes squash, garlic pickle.

### UNIT-III

(6 Hours)

- a) **FOOD PRESERVATION BY USING HIGH TEMPERATURE** – Principles of sterilization, pasteurization and blanching.
- b) **FOOD PRESERVATION BY USING LOW TEMPERATURE** – Principles of refrigeration and freezing.

### UNIT-IV

(6 Hours)

- a) **FOOD PRESERVATION USING DRYING, DEHYDRATION** - Principles of drying & dehydration and types of drying.
  - b) **IRRADIATION**- Principles and safety limits.
- Related Experience** – Preparation of cluster beans, bitter guard vathals and rice vadams.

### UNIT-V

(6 Hours)

- a) **FOOD PRESERVATION USING CHEMICALS**- Principles, Classification, types of chemical Preservative.
  - b) **PACKAGING AND STORAGE** – Types of packaging, packaging materials, importance of storage.
- Related Experience** – Preparation of tomato sauce and tomato ketchup

### Text book

S.No.	Author name	Year of publication	Title of the book	Publishers name
1.	Sivasankar B	2007	Food Processing and Preservation	Phi Learning, New Delhi
2.	S.M Reddy	2015	Basic Food Science and Technology	New Age International (P) Ltd, Chennai

### Reference books

S.No.	Author name	Year of publication	Title of the book	Publishers name
1.	Triveni, Triveni, Prakash	2010	Food Preservation	Aadi Publications, New Delhi
2	Mc Williams	2000	Modern Food Preservation	Surjeet Publications, New Delhi

### Web links

<http://ecoursesonline.iasri.res.in/mod/page/view.php?id=4037>

<https://www.britannica.com/topic/food-preservation/Industrial-freezers>

**Pedagogy:** Lecture, Power point presentation, E-content, Demonstration, Assignment.

### Course designers

- Ms.S.Fathima
- Ms.M.Vinothini

*Allye*  
18/07/2022

DEPARTMENT OF FOOD SERVICE MANAGEMENT AND DIETETICS		
<b>VALUE ADDED COURSE</b>	<b>VALUE ADDITION OF MILLETS</b>	<b>HOURS-30</b>
<b>COURSE CODE – 22VAFS02</b>	OFFERED TO STUDENTS OF ALL THE PROGRAMMES	<b>DATE OF INTRODUCTION</b> 31.05.2022

### **Objectives**

- To able to understand millets and its types.
- To upgrade the nutritional and health benefits of millets.
- To acquire knowledge about value added millets.

### **Course Outcomes**

On the successful completion of the course, students will be able to:

<b>Co Number</b>	<b>CO statement</b>	<b>Knowledge level</b>
CO 1	Identify the various types of millet	K1
CO 2	Summarize the nutritional importance of different types of millets	K2
CO 3	Explain the health benefits of millets	K2
CO 4	Illustrate and make convenience processed millet food products	K3
CO 5	Impart the millet based recipes	K3



## **Syllabus**

### **UNIT-I (5 Hours)**

#### **INTRODUCTION TO MILLETS**

An overview of millets, history, definition, types and its byproducts.

### **UNIT II (6 Hours)**

#### **NUTRITIONAL BENEFITS**

Nutritional composition of various millets: Macro and micro nutrients profile.

### **UNIT III (5 Hours)**

#### **HEALTH BENEFITS**

Importance of millets, role of millets in health aspects.

### **UNIT IV (7 Hours)**

#### **VALUE ADDITION OF MILLETS**

Ready to cook foods, millet products and its processing-instant health mix, sathumavu laddoo, millet pasta, millet cookies.

### **UNIT-V (7 Hours)**

#### **MILLET BASED RECIPES**

Demonstration of recipes using basic cooking techniques thinai pongal, finger millet chocolate pudding, foxtail millet kheer.

## **TextBooks**

### **Reference Books**

<b>S.No.</b>	<b>Author name</b>	<b>Year of publication</b>	<b>Title of the book</b>	<b>Publishers name</b>
1	Srilakshmi B	2014	Dietetics	New Age International, New Delhi.
2	Srilakshmi B	2018	Nutrition Science	New Age International, New Delhi.

<b>S.No.</b>	<b>Author name</b>	<b>Year of publication</b>	<b>Title of the book</b>	<b>Publishers name</b>
1	N. ShakuntalaManay and M.Shadakshara swamy	2020	Foods Facts and Principles	New Age International, New Delhi.
2	Norman N. Potter	2007 (5Edition)	Food Science	CBS Publishers & Distributors Pvt Ltd, India
3	B. Siva Sankar	2002	Food Processing and Preservation	Prentice Hall India Learning Private Limited

### **Web links**

[https://www.milletres.in/m\\_recipes/Millet\\_Recipes-A\\_Healthy\\_choice.pdf](https://www.milletres.in/m_recipes/Millet_Recipes-A_Healthy_choice.pdf)

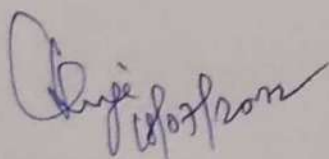
<https://www.icrisat.org/PDF/Food-Booklet-Millet.pdf>

<https://milletindia.org/wp-content/uploads/2019/03/Millet-Miracle.pdf>

**Pedagogy:** Lecture, Power point presentation, E-content, Demonstration, Assignment.

### **Course Designers**

- Ms. E. Agalya
- Ms. T.R. Revathi

  
18/03/2020

<b>DEPARTMENT OF PHYSICAL EDUCATION</b>		
<b>VALUE ADDED COURSE</b>	<b>FITNESS AND YOGA</b>	<b>HOURS - 30</b>
<b>COURSE CODE – 22VAPE01</b>	<b>OFFERED TO STUDENTS OF ALL PROGRAMMES</b>	<b>DATE OF INTRODUCTION 16.06.2022</b>

### **OBJECTIVES**

- To understand the fundamental concept of yogic practice & Basic practice
- To Study the yogic techniques of asana, pranayama, meditation.
- To know basics of fitness, physical fitness & its types.
- To understand the fundamental concepts about physical fitness training and assessment.

### **COURSE OUTCOMES**

Upon successful completion of the course, the students will be able to

<b>CO Number</b>	<b>CO Statement</b>	<b>Knowledge Level</b>
CO 1	Illustrate about research and its classification.	K1
CO 2	Describe the cardio exercise training with gym Equipment	K2
CO 3	Summarise the Concept of Asanas	K1
CO 4	Relate the influences Pranayama for basic physical Well being	K1
CO 5	Explain the importance of Mudras	K2

## VALUE ADDED COURSE

### BASIC RESEARCH FOR UNDERGRADUATES

#### UNIT 1

Basic Flexibility, Warming Up and Warm-Down Exercise - Aerobics–Anerobics -Walking–Running- Spot Running- High Knee- Fast Arms- Hopping-Skipping – Free Hand Exercises

#### UNITE 2

Weight Training -Medicine Ball Exercise-Strength Training With Gym Equipment

#### UNIT 3

Asanas - Basic Asanas-Padmasana, Bhujangasana, Vajrasana, Patchimathasana, Dhanurasana, Salabasana, Chakrasana, Halasana, Suryanamaskar

#### UNIT 4

Pranayama –Nadi Suddi, Nadi Sodhana, Surya Bhedhana, Chandra Bhedana , Bhastrika., Ugiyini, Bhramani, Sitali, Sitkari.

#### UNIT 5

Hand Mudras -Types of Hand Mudras- Prithivi Mudras, Bairava Mudras, Hridhaya Mudra, Yoni Mudra, Agni Mudra, etc.

#### REFERENCE BOOKS:

S. No.	Author name	Title of the book	Publisher name	Year of publication
1	Mariayyah P	Suriyanamaskar. Perunthurai	Jaya publishing House	2000
2	Chandrasekaran K	Sound health through Yoga, Sedapatti	PremKalyan	1999
3	Sandler, David. S	Fundamental Weight Training	Human Kinetics	2010
4	Singh, Hardayal	Science of Sports training	New Delhi, D.V.S publications	1995
5	Tummers, Nanette E	Teaching Yoga for Life	Human Kinetics	2009

#### WEBLINKS:

➤ <https://www.ayush.gov.in/>

Ez;fiyfs;		
kjpg;Gf; \$l;lg;gl;l rhd;wpjo; gbg;G	ehl;Lg;Gw eldq;fspd; tuyhW kw;Wk; ehl;Lg;Gwtpay;	30 kzp Neuk;
ghlf;FwpaPL 22VAFA01	midj;J Jiw khztpaUf;fhdJ	mwpKfg;gLj;jg;gl;l ehs; 09.06.2022

### Nehf;fk;

1. ,e;jpa khepyq;fs;NjhWk; cs;s VNjDk; xU eldj;ij mwpjy;.
2. rlq;FfSf;Fk; eldq;fSf;Fk; ,ilNaAs;s cwTKiwfis mwpjy;

### gad;fs;

1. khztpfspd; jdpj;jpwid ntspg;glr;nra;jy;.
2. fiyfisg; gw;wpa mwpTj;jpwidf; \$l;Ljy;.
3. fiyfis Nkilapy; muq;Nfw;Wjy;.

## COURSE OUTCOMES

,g;ghlj;jpidg; gapy;tjhy; khztpah; ngWk; jpwd;fs;

CO.NO	CO STATEMENT	KNOWLEDGE LEVEL
CO1	jdpj;jpwd; Nkk;ghl;il ntspf;nfhzur; nra;jy;	K1
CO2	fiyfisg; gw;wpa mwpTj;jpwidf; \$l;Ljy;	K2
CO3	fiyfis Nkilapy; muq;Nfw;Wjy;	K3
CO4	ehl;Lg;Gw rlq;Ffs; kw;Wk; tho;tpay; rlq;Ffis mwpjy;	K4

### ghlj;jpl;lk;

#### myF 1: ehl;Lg;Gw eldk;:

ehl;Lg;Gw eldk;: xU nghJ mwpKfk; - eldq;fspd; cl;ngHUsikjpf; rlq;F eldq;fs; (Ritual Dances) gutr eldq;fs; (Trance Dances) tpohf;fhy eldq;fs; (Ceremonial Dances) gUtfhy eldq;fs; (Seasonal Dances) tPisahl;L kw;Wk; Nghh; eldq;fs; (Game and Martial Dances) Nghpij nfhl;L eldq;fs; (Drum Dances) nghOJNghf;F eldq;fs; (Recreational Dances)

**myF 2: jkpof ehl;Lg;Gw eldq;fs;:**

jkpof ehl;Lg;Gw eldq;fs; jkpof ehl;Lg;Gw eldq;fs; ghl;L Ml;lq;fs; fUtp ,ir Ml;lq;fs; - muq;ff; fiyfs; - fij \$wy; - Nghh;f;fiy;fs; - tpj;ijfs; - Ml;lq;fs; fufhl;lk;> jg;ghl;lk;> ngha;fhy; fl;il Ml;lk; - kapyhl;lk; - fubahl;lk; - fhsp jpUeldk; - nfhf;fyp fl;il Ml;lk; - tPugj;urhkp Ml;lk; - Gypahl;lk; - Njtuhl;lk; - Fwtd; Fwj;jpahl;lk; - Fk;kp – Nfhyl;lk; - njUf;\$j;J – nghk;;kyhl;lk; Njhy; nghk;kyhl;lk; - fapW nghk;kyhl;lk; - gfy; Ntlk; - ,yhtzp – fz;fl;L tpj;ij – fj;jpr; rz;il – khd;nfhk;G – rpyk;ghl;lk; - njhk;ghl;lk; - mDkhh; Ntlk; - rlq;FKiw eldq;fs; - njhopy;Kiw eldq;fs; - ehl;Lg;Gw eldq;fspy; gz;ghL.

**myF – 3- ehl;Lg;Gw eldq;fspd; \$Wfs;:**

eld tbt; - eld mlT – eld ,ir – eldKk; ,irf;fUtpfSk; - tl;lhuk; - rhjp – rlq;F – nfhz;lhl;lk;.

**myF – 4- jkpof ehl;Lg;Gwf; fijfs;:**

jkpof ehl;Lg;Gwf; fijfs; - epfo;j;Jf; fiyfs; - epfo;j;jh fiyfs; - tiffs; - fUtp ,ir Ml;lq;fs; - ghl;L Ml;lq;fs; - muq;ff; fiyfs; - fij\$wy; - Nghh;f;fijfs; - tpj;ijfs; - ehl;Lg;Gwf; fiyQh;fs; - ,diw epiyapy; ehl;Lg;Gw epfo;j;Jf; fiyfs;.

**myF – 5- ehl;Lg;Gw rlq;FfSk; tho;tpay; rlq;FfSk;:**

ehl;Lg;Gw rlq;FfSk; tho;tpay; rlq;FfSk; - topghLfSk; - topghl;Lr; rlq;FfSk; - ek;gpf;iffs; - gof;ftof;fq;fs; - ehl;Lg;Gw nja;tq;fs; - tpiahl;Lf;fs; - kUj;jtk; - fl;llf;fiy – njhopy;El;gk; - gad;ghl;L ehl;Lg;Gwtpay; - ehl;Lg;Gwj; jpUtpohf;fs;.

**ghl E}y;fs; :**

t.vz;	Mrphpah;	E}y;	gjpg;gfk;	Mz;L
1	fU> mo> FzNrfud;	ehl;Lg;Gw eldq;fs;	epA+ nrQ;rhpf; `T]; (gp) ypl; nrd;id	2009
2	kh. etePj fpUl;bzd; Nf.V. FzNrfud; (,iz Mh);	fufhl;lk;	mfuk; rptfq;if	1982
3	V.vd;. ngUkhs;	jkpof ehl;Lg;Gwf; fiyfs;	cyfj;jkpohuha;r;rp epWtdk;. nrd;id	1989

**ghh;it E}y;fs; :**

t.vz;	Mrphpah;	E}y;	gjpg;gfk;	Mz;L
1	F.KUNfrd;	jkpof ehl;Lg;Gw Ml;lf;fiyfs;	Njtp gjpg;gfk;> nrd;id	1987
2	Jawaharlal Handoo	Current Trends in Folklore	University of Mysore	1978

**fw;gpj;jy; Kiwfs; :**

fye;jha;T> eldk; gapw;Wtpj;jy;> xyp kw;Wk; xsp %yk; eld mlTfisf; fw;gpj;jy;>

**ghlnewp tbtikg;ghsh; :**

jpU. nghd;. Ffd;uh[;> MPA,

fiy xUq;fpizg;ghsh;

fhNthp kfsph; fy;Y}hp (jd;dhl;rp)

jpUr;rp - 18

**VALUE ADDED COURSE  
NCC FOR YOUTH  
2021-2022 Onwards**

<b>COURSE CODE :VANCO1</b>	<b>NCC FOR YOUTH</b>	<b>HOURS:30</b>
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**COURSE OBJECTIVE**

To enable the learners to understand the training curriculum of the NCC is primarily focused on characterbuilding, inculcating leadership qualities and skill enhancement through structured academic syllabi.

**COURSE OUTCOME**

On the successful completion of the course, the students will be able to

<b>CO. NO</b>	<b>CO STATEMENT</b>	<b>KNOWLEDGE LEVEL</b>
CO1	Understand the history of NCC, its organisation, the concept of national integration and its importance.	K1
CO2	Acquire the awareness about the basic concepts of health science.	K2
CO3	Recall the concepts of History, Geography and Topography of Border/ Coastal areas.	K3
CO4	Explain the life history and leadership qualities of personalities who have contributed in Nation Building.	K4

**NCC SYLLABUS**

**UNIT I - NCC GENERAL**

**(6 Hours)**

Introduction to NCC - Motto, Cardinal Principles, History, Aims & Objectives of NCC, Organization of NCC, Equivalent ranks, NCC camps & Types, Advantages of NCC.

**UNIT II - NATIONAL INTEGRATION**

**(6 Hours)**

Introduction - Motto, Definition, Importance & Necessity, Factors affecting National Integration, Role of NCC in Nation Building.

**UNIT III - HEALTH AND HYGIENE**

**(6 Hours)**

Introduction of Health and Hygiene, First aid - Motto, Definition, Principles, First aid kids, Common Medical Emergencies - Fractures, Bruises, Burn, Scald, Dislocation, Sprain, Strain, Wound, Asphyxia, Artificial respiration, Hemorrhage.



**UNIT IV – MAP READING, FIELD CRAFT & BATTLE CRAFT (6 Hours)**

**MR** :Introduction - Definition, Uses of Map, Types, Conventional Signs, Cardinal points & Kinds of North, Grid System.

**FC/BC** : Introduction - Definition &Principles, Camouflage, Concealment, Judging Distance, Types of Ground & Target.

**UNIT V – ARMED FORCES, MILITARY HISTORY AND DRILL (6 Hours)**

**ARMED FORCES**: Introduction -Branches - Elaboration ofArmy, Navy & Air force.

**MILITARY HISTORY**: Introduction, Aim, War & Types , Brief on INDO - PAK Conflict in 1965, INDO - PAK War in 1971 &Kargil War.

**DRILL**:Drill - Aims of Drill, Types of Command, National Salute & General Salute.

**STUDY MATERIAL**

**Textbooks**

- a. Cadet Hand Book (Common Subjects), published by DGNCC.
- b. Cadet Hand Book (special Subjects), published by DGNCC.
- c. ANO Precis.

**REFERENCE BOOKS**

- a. Gromming tomorrow's Leaders, published by DGNCC.
- b. Youth in Action, published by DGNCC.
- c. The Cadet, Annual Journal of the NCC.
- d. Precis Issued by respective Service Headquarters on specialized subject available to PI staff as reference material.

**PEDAGOGY**

Power point presentations, Quiz, Assignment, Experience Discussion, Brain storming and activity.

**COURSE DESIGNER**

Captain.Dr.P.Kavitha– Associate NCC Officer.



**Capt. Dr.P.KAVITHA, M.Com.,MBA.,M.Phil.,Ph.D**  
**NCC/14310070 Associate NCC Officer**  
**Cauvery College for Women (Autonomous)**  
**Annamalal Nagar, Tiruchirappalli-620 018**

TEXT BOOK-

HINDI BALA BODHINI -1. Published by Dhakshin Bharat Hindi Prachar Sabha- Tamil Nadu, Tiruchirappalli.

REFERENCE BOOKS:

1. ROZMARRA HINDI - Published by Dhakshin Bharat Hindi Prachar Sabha- Chennai.
2. Concise Try Lingual Dictionary- Editor-Ravichandran, Publisher- Lotus Publication.

PEDAGOGY

Power Point Presentations, Black Board & White Board, Videos, Interaction, Discussion.

*[Handwritten Signature]*  
19/7/22

பேரா-முனைவர் ச. இராமலக்ஷ்மி  
கலைவர், தமிழாய்வுத்துறை  
காவேரி மகளிர் கல்லூரி (தன்னாட்சி)  
திருச்சி - 620 018

*[Handwritten Signature]*

Principal  
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(Autonomous)  
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Tiruchirappalli - 620 018,  
Tamilnadu.

CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS), TRICHY – 18

DEPARTMENT OF UG PART-1 HINDI


VALUE ADDED COURSES DETAIL

2022 - 2023

S.NO	NAME OF THE COURSE	COURSE CODE	DURATION	DATE OF INTRODUCTION	ELIGIBILITY
1.	FUNCTOINAL HINDI	22VAH01	30 HOURS	16.06.2022	STUDENTS OF ALL PROGRAMME

  
19/17/22  
SIGNATURE OF THE HOD

பேரா.முனைவர் ச.இராமலட்சுமி  
தலைவர், தமிழாய்வுத்துறை  
காவேரி மகளிர் கல்லூரி (தன்னாட்சி)  
திருச்சி - 620 018

  
SIGNATURE OF THE PRINCIPAL  
Principal  
Cauvery College For Women  
(Autonomous)  
Annamalai Nagar,  
Tiruchirappalli - 620 018.  
Tamilnadu.

**CAUVERY COLLEGE FOR WOMEN(AUTONOMOUS), TRICHY-18**

**VALUE ADDED COURSE**

2022-2023 Onwards

<b>COURSE CODE:</b> 22 VAHI01	<b>FUNCTIONAL HINDI</b> (व्यवहारिक हिंदी)	Hours :30
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**COURSE OBJECTIVE :**

- To enable the learners to understand the curriculum of Hindi. Language.
- To understand & respond in a predictable pattern to simple questions about familiar things.
- To able to write an applications.

**COURSE OUTCOMES**

On the successfully completion of the course will able to

CO.NO.	CO STATEMENT	KNOWLEDGE LEVEL
CO1	Understand the History of Hindi Language	K1
CO2	Classify the pronunciation of Alphabets	K2
CO3	Apply the Grammar in the sentences	K3
CO4	Use the sentences in the different situations	K3

**MAPPING WITH PROGRAMMING OUTCOMES**

COS	PO1	PO2	PO3	PO4
CO1	S	S	S	S
CO2	S	S	S	S
CO3	S	S	S	S
CO4	S	S	S	S

## FUNCTIONAL HINDI

### SYLLABUS

#### UNIT-1-AN INTRODUCTION TO HINDI (6 Hours)

- Alphabets, Pronunciations,
- Words & Sentences,
- Greetings
- Numbers
- Common Vocabulary , short informal salutations.
- Nationalities, Professions, Days & Months.

#### UNIT-2- BASIC GRAMMAR (6 Hours)

- Noun, Pronoun
- Adjectives
- Verbs
- Case endings
- adverb
- Tense
- Genders & Numbers
- Conjunction, Interjunction

#### UNIT-3- PREFERENCES , SIMPLE DIALOGUES (6 Hours)

- Like and Dislike, to habitations.
- Engage in buy & sell situation.
- Ask about the day, time and the date.
- Accept & Refuse.

#### UNIT-4 – LISTENING & SPEAKING SKILLS (6 Hours)

- Recognizing familiar words and basic Hindi Phrases, about oneself, about family & activities, about personal like and dislikes.
- Using simple phrases and sentences(for to day speech): describing where one lives, describing people
- Read simple notices, posters and catalogues.

#### UNIT-5- READING, WRITING & SPOKEN SKILLS (6 Hours)

- Read the sentences.
- Write the simple sentences.
- Speak the simple Dialogues.

**READING AND WRITING SKILLS**

- Fill in a simple form
- Write a simple postcard

**REFERENCE BOOKS:**

S.NO	Author	Title	Publishers	Year of Publication
01	Annie Berthet, Catherine Hugot, Beatrix Samsonis	Alter Ego	Goyal Publishers	2007
02	Mahitha Ranjit, Monica Singh	Apprenons le Français	New Saraswathi House	2016
03	Archana Khurana, Harpreet Likhari	Enchanté	Rachna Sagar Pvt. Limited	2017
04	Preeti Bhutani	Mon passeport pour le monde	Unisee Publication	2017

**PEDAGOGY :** Power point presentation, videos, Assignments, Quiz, online apps, interaction..

**COURSE DESIGNER :**

Mrs. M.Manjula - Assisstant professor

  
SIGNATURE OF THE HOD

பேரா.முனைவர் ச.இராமலக்ஷ்மி  
புணைவர், தமிழ்நாடு அரசு  
கல்வித் துறை (தமிழ்நாடு)  
திருச்சி - 620 018

  
SIGNATURE OF THE PRINCIPAL


Principal  
Cauvery College For Women  
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Tiruchirappalli - 620 018,  
Tamilnadu.

**CAUVERY COLLEGE FOR WOMEN**  
**(AUTONOMOUS) TRICHY-18**  
**DEPARTMENT OF OTHER LANGUAGES – FRENCH**  
**VALUE ADDED COURSE DETAIL**  
**2022-2023**

S.NO	NAME OF THE COURSE	COURSE CODE	DURATION	DATE OF INTRODUCTION	ELIGIBILITY
1	BASIC FRENCH COURSE	22VAFR01	30HRS	05-10-21	STUDENTS OF ALL PROGRAMMES

  
19/7/22  
**SIGNATURE OF THE HOD**

கவுவரி பெண்கள் கல்லூரி  
தமிழ்நாடு அரசுப் பல்கலைக்கழகம்  
அண்ணாமலைப் பல்கலைக்கழகம்  
- திருச்சி - 620 018

  
**SIGNATURE OF THE PRINCIPAL**  
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Tiruchirappalli - 620 018  
Tamilnadu.

### OTHER LANGUAGES- FRENCH

Value Added Course	BASIC FRENCH COURSE	HOURS:30
COURSE CODE: 22VAFRO1	(Students of all programs)	INTRODUCTION OF PAPER 05.10.21

#### COURSE OBJECTIVE:

To enable the students to interact in a simple way, introduce oneself and ask others their name, age, address etc., use basic expressions of greeting, farewell and politeness, express lack of understanding, understand and respond in a predictable pattern to simple questions about familiar things.

#### COURSE OUTCOME:

On the successful completion of the course, the students will be able to

CO.NO	CO-STATEMENT	KNOWLEDGE LEVEL
CO1	To learn the alphabets, pronunciation and phonetics. Greetings and short informal salutations.	K1
CO2	To learn to conjugate some basic verbs and use them in sentences.	K2
CO3	To use some simple verbs to talk about themselves, talk about day& time.	K3
CO4	To recognise familiar words and basic French phrases, to use them in day to day speech.	K4
CO5	To learn to write a simple postcard.	K5



## **SYLLABUS**

### **UNIT 1**

**(6 hours)**

#### **AN INTRODUCTION TO FRENCH**

- Alphabets, Phonetics and Pronunciation
- Greetings
- Numbers
- Common Vocabulary; Short Informal Salutations.
- Voici voila + proper name,

### **UNIT 2**

**(6 hours)**

#### **INTRODUCING ONESELF, ASKING AND TELLING**

- Nationalities, Professions, Days and Months
- Articles – Definite and indefinite, Present Indicative of verb être, with negation and verbs ending in 'er' Personal pronouns.
- The verbs 's'appeler' and 'habiter' "être", how to say the names of some countries and cities in French.

### **UNIT 3**

**(6 hours)**

#### **PREFERENCES, SIMPLE DIALOGUES**

- Like and dislike, "aimer, adorer, préférer, détester" ➤ Conjugation "er" verbs, Negation, "
- Engage in a simple buy-and-sell situation.
- Ask about the day, the time and the date
- Accept and refuse.

### **UNIT 4**

**(6 hours)**

#### **LISTENING AND SPEAKING SKILLS**

- Recognizing familiar words and basic French phrases: about oneself, about family and activities, about personal likes and dislikes.
- Using simple phrases and sentences (for day to day speech): describing where one lives, describing people.
- Read simple notices, posters and catalogues.

**CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)**  
**ENTREPRENEURSHIP DEVELOPMENT CELL**  
**LIST OF SKILL DEVELOPMENT COURSES OFFERED BY**  
**VALUE ADDED COURSES OFFERED 2022-2023 - ODD SEMESTER**

S.No	Name of the Course	Course Code	Duration	Date of Introduction	Eligibility
1	SKIN CARE AND HYGIENE	21VAED01	30Hrs	5.10.2021	Students of all programme
2	BRIDAL MAKEOVER- FOUNDATION LEVEL	21VAED02P	30Hrs	5.10.2021	Students of all programme
3	BRIDAL MAKEOVER- ADVANCED LEVEL	21VAED03P	30Hrs	5.10.2021	Students of all programme
4	HAIR STYLING-FOUNDATION LEVEL	21VAED04P	30Hrs	5.10.2021	Students of all programme
5	HAIR STYLING-ADVANCE LEVEL	21VAED05P	30Hrs	5.10.2021	Students of all programme
6	TAILORING-BASIC LEVEL	21VAED06P	30Hrs	5.10.2021	Students of all programme
7	TAILORING- BLOUSE STICHING	21VAED07P	30Hrs	5.10.2021	Students of all programme
8	ZARDOSI DESIGNING – LEVEL I	21VAED08	30Hrs	5.10.2021	Students of all programme
9	MEHANDI- TRADITIONAL	21VAED09P	30Hrs	5.10.2021	Students of all programme
10	MEHANDI- MODERN ART	21VAED10P	30Hrs	5.10.2021	Students of all programme
11	BAKING SKILLS-BREAD MAKING - I	21VAED11	30Hrs	5.10.2021	Students of all programme
12	BAKING SKILL-BREAD MAKING - II	21VAED12P	30Hrs	5.10.2021	Students of all programme


13	CAKE DECORATION SKILL - I	21VAED13	30Hrs	5.10.2021	Students of all programme
14	BRIDAL FLOWER MAKING	21VAED14P	30Hrs	5.10.2021	Students of all programme
15	CAKE DECORATION SKILL - II	21VAED15P	30Hrs	5.10.2021	Students of all programme
16	PASTRY SKILL SETS	21VAED16P	30Hrs	5.10.2021	Students of all programme
17	SELF GROOMING	21VAED17	30Hrs	5.10.2021	Students of all programme
18	SILK THREAD JEWELLERY	21VAED18P	30Hrs	5.10.2021	Students of all programme
19	PEDICURE	21VAED19P	30Hrs	5.10.2021	Students of all programme
20	MANICURE	21VAED20P	30Hrs	5.10.2021	Students of all programme
21	NAIL ART	21VAED21P	30Hrs	5.10.2021	Students of all programme
22	TAILORING- CUTTING SKILL	21VAED22P	30Hrs	5.10.2021	Students of all programme
23	INDIAN SNACK MAKING	21VAED23P	30Hrs	5.10.2021	Students of all programme
24	KITCHEN SKILLS	21VAED24P	30Hrs	5.10.2021	Students of all programme
25	HERBAL SANITARY NAPKIN	21VAED25P	30Hrs	5.10.2021	Students of all programme
26	DIY CRAFTS	21VAED26P	30Hrs	5.10.2021	Students of all programme
27	ZARDOSI DESIGNING – LEVEL II	21VAED27P	30Hrs	5.10.2021	Students of all programme
28	ARDINO CODING- BASICS	21VAED28	30Hrs	5.10.2021	Students of all programme
29	PICKLE MAKING	21VAED29P	30Hrs	5.10.2021	Students of all programme
30	JAM MAKING	21VAED30P	30Hrs	5.10.2021	Students of all programme

31	3D PRINTING & IOT TECHNIQUES	22VAED31P	30Hrs	09.06.2022	Students of all programme
32	TRADITIONAL RECEIPES OF MILLETS	22VAED32	30Hrs	09.06.2022	Students of all programme

Theory- 07

Practicals- 25

  
EDC COORDINATORS

  
PRINCIPAL  
28.7.22