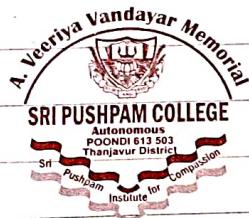


A. VEERIYA VANDAYAR MEMORIAL

**SRI PUSHPAM COLLEGE (AUTONOMOUS)**  
POONDI - 613 503, THANJAVUR (DIST.)

# **BOARD OF STUDIES 2022**



**OFFICE OF THE  
CONTROLLER OF EXAMINATIONS**



## A.V.V.M Sri Pushpam College (Autonomous)

Poondi- 613 503.  
Thanjavur District, Tamilnadu.  
**PG & RESEARCH DEPARTMENT OF HISTORY**

### Minutes of meeting of Board of Studies in History

History department Board of Studies was held on 11-06-2022 at 10:30 am in the department of history AVVM Sri Pushpam College, Poondi. The following resolutions were accepted unanimously after the detailed deliberation and discussion.

The following resolutions were discussed in the board and unanimously accepted U.G & P.G Syllabus.

1. Newly introduced Value added Courses for III U.G., & I, II P.G Students.
2. Feedback on curriculum – to analysis report given by IQAC – Action. Taken.
3. UGC Sponsored National Skills Qualifications Framework (NSQF) Diploma in Handicraft, Thanjavur Arts and Paintings introduced into all students.
4. Updated U.G & P.G Examiner Panel.
5. Creation of worthy question bank.

#### External members

Sl. No.	Name & Designation	Represented	Signature
1.	<b>Dr. T. Asokan</b> Associate Professor, Department of History, Bharathidasan University, Tiruchirappalli – 620 024. Mobile No - 9787794348	University Nominee	Absent
2.	<b>Dr.N. Seetalakshmi</b> Associate professor, Department of History, Periyar. E.V.R College, ( A ) Tiruchirappalli – 620 021. Mobile No: 9443555532/ 9345407634	Subject Expert	N. Seetalakshmi U-6-22 Dr.Mrs.N.SEEETHALAKSHMI, M.A, Ph.D, Dip. in Ep Associate Professor of History Thanthai Periyar Government Arts and Science College (Autonomous) Tiruchirappalli - 620 023.
3.	<b>Dr. A. Karkuzhali</b> Assistant Professor, Department of History, K.N. Govt. Arts College for Women (A), Thanjavur. Mobile No : 9626062410	Subject Expert	Dr. A. KARKUZHALI Assistant Professor P.G. & Research Dept. of History K.N.G. Arts College for Women (A) Thanjavur-613 007.

4	<b>Dr.N.Rameshkumar</b> Assistant Professor of History, Department of History, Govt. Arts College, Kumbakonam.	Subject Expert & Alumni	Dr.N. RAMESHKUMAR, M.A., Ph.D., UGC-NET Assistant Professor (Senior Grade), PG & Research Dept. of History, Govt. Arts College (Auto), Kumbakonam, Thanjavur Dist. - 612 001.
5	<b>Prof.Dr.V.Selvakumar</b> Associate Professor & Head, Dept of Maritime History & Marine Archaeology, Tamil University, Thanjavur.	Industrial Expert	V. Selvakumar

### Internal Members

S.No	FACULTY NAME	Represented	Signature
1	<b>Dr.V.MALARVIZHI</b>	Chairman	N. Cw _____
2	Dr. V. RAVICHANDRAN	Member	J. Ravichandran
3	Dr.S. PRABAKARAN	Member	Absent
4	Dr.N.PANDIYAN	Member	M. Pandian
5	Dr.S.THENMOZHI	Member	S. Thenmozhi
6	Dr.G.PATHY	Member	G. Pathy
7	Dr.T.SELVAM	Member	T. Selvam
8	Dr.P.V.VEERAMANI	Member	P. Veeramani
9	Dr.N.VINOTH KUMAR	Member	N. Vinoth Kumar
10	Dr. R. RAJAKUMARAN	Member	R. Rajakumaran

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20. Dr. V. Arulanathan,  
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21. Dr. M. Sivakumar,  
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**A.V.V.M. SRI PUSHPAM COLLEGE (AUTONOMOUS),  
POONDI, THANJAVUR**

**P.G AND RESEARCH DEPARTMENT OF ECONOMICS  
BOARD OF STUDIES (2022 - 2023) 11.06.2022**

S.No.	Name and Address	Designation
1	<b>Dr. S.Sangeetha</b> Head and Assistant Professor of Economics, A.V.V.M. Sri Pushpam College (Autonomous), Poondi- Thanjavur.	Chairman
2	<b>Dr. N.Prasanna,</b> Associate Professor and Head, Bharathidasan University, Trichy.	University Nominee
3	<b>Dr. D.Kumar,</b> Associate Professor of Economics, Jamal Mohamed College (Autonomous), Trichy.	Subject Expert
4	<b>Dr. T.Sridhar,</b> Associate Professor of Economics, National College, Trichy.	Subject Expert
5	<b>Ms. M.Rajamaheswari Kamaraj,</b> Managing Partner, Jayem Industries, Rayamundanpatti Road, Pudukkudi North, Thanjavur.	Industrialist
6	<b>Dr.R.Mullaivananathan,</b> Assistant Professor of Economics, A.V.V.M. Sri Pushpam College (Autonomous), Poondi- Thanjavur.	Alumnus
7	<b>Dr. P. Nadimuthu,</b> Assistant Professor of Economics, A.V.V.M. Sri Pushpam College (Autonomous), Poondi- Thanjavur.	Member
8	<b>Dr. S. Rajarajeswari</b> Assistant Professor of Economics, A.V.V.M. Sri Pushpam College (Autonomous), Poondi- Thanjavur.	Member
9	<b>Prof.V.Valarmathy,</b> A.V.V.M. Sri Pushpam College (Autonomous), Poondi- Thanjavur.	Member

10	<b>Dr. S. Thennarasu,</b> Assistant Professor of Economics, A.V.V.M. Sri Pushpam College (Autonomous), Poondi-Thanjavur.	Member
11	<b>Dr. S. Rajeswari,</b> Assistant Professor of Economics, A A.V.V.M. Sri Pushpam College (Autonomous), Poondi-Thanjavur.	Member
12	<b>Dr. T. Saravanan,</b> Assistant Professor of Economics, A.V.V.M. Sri Pushpam College (Autonomous), Poondi-Thanjavur.	Member
13	<b>Prof .N. Loganathan,</b> Assistant Professor of Economics, A.V.V.M. Sri Pushpam College (Autonomous), Poondi-Thanjavur.	Member
14	<b>Dr. U. Selvakumari,</b> Assistant Professor of Economics, A.V.V.M. Sri Pushpam College (Autonomous), Poondi-Thanjavur.	Member
15	<b>Dr. P. Riaz Ahamed,</b> Assistant Professor of Economics, A.V.V.M. Sri Pushpam College (Autonomous), Poondi-Thanjavur.	Member

Q.W-t/H/22  
11/6/22

## **MINUTES OF THE BOARD OF STUDIES**

A meeting of the Board of Studies was held on 11.06.2022 at 11.00 A.M. in the Department of Economics and the following decisions were taken unanimously after detailed discussion with the University Nominee, Subject Experts, Alumnus and Industrialists.

**The Board resolved and approved the following:**

- ❖ The Value Added Courses for III UG, I PG and II PG students.

**III UG Value Added Course: SHG & HANDS ON TRAINING**

**I PG Value Added Course: TRAINING IN ENTREPRENEURSHIP**

**II PG Value Added Course: STOCK MARKET PRACTICES**

The Board Members gave their ratification for introducing the Value Added Courses.

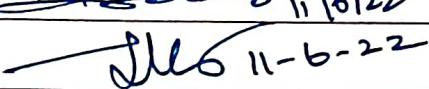
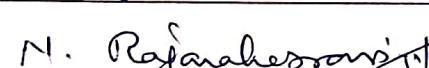
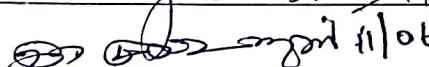
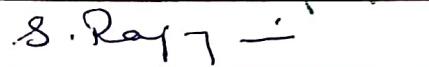
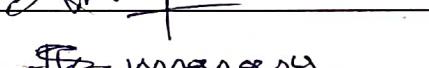
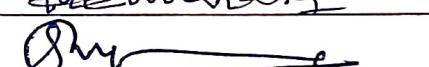
- ❖ Introduction of Question Bank for all the courses.
- ❖ UG and PG New Examiner list.
- ❖ Feedback on Curriculum was given by various stakeholders and will be incorporated in the upcoming syllabus revision.
- ❖ The Board Members gave various suggestions to enhance the quality of the UG and PG syllabus for the upcoming academic years.
- ❖ They suggested to revamp the title of the course both for UG and PG.

1. ~~D. D. KUMAR~~ (Dr. D. KUMAR)
2. ~~T. S. SRIDHAR~~ (Dr. T. S. SRIDHAR)
3. M. Rajanathan (M. RAJANATHAN)

Dr. R. R. Mohan  
11/6/22

Signature of the Members Present in the Board of Studies

11.06.2022

Sl.No	Name	Signature
1	Dr.S.Sangeetha	 11/6/22
2	Dr. N. Prasanna	- Absent -
3	Dr. D. Kumar	 11/6/22
4	Dr. T. Sridhar	 11-6-22
5	Ms. M. Rajamaheswari Kamaraj	 M. Rajamaheswari 11/6/22
6	Dr.R.Mullaivananathan (Alumini)	 Dr. R. Mullaivananathan (Alumini) 11/6/22
7	Dr.P. Nadimuthu	 11/6/22
8	Dr. S. Rajarajeswari	 S. Rajarajeswari 11/6/22
9	Prof.V.Valarmathy	 V. Valarmathy 11/6/22
10	Dr.S. Thennarasu	 Dr. S. Thennarasu 11/6/22
11	Dr.S.Rajeswari	 Dr. S. Rajeswari 11/6/22
12	Dr. T. Saravanan	 T. Saravanan 11/6/22
13	Prof.N. Loganathan	 N. Loganathan 11/6/22
14	Dr.U. Selvakumari	 U. Selvakumari 11/6/22
15	Dr. P. Riaz Ahamed	 Dr. P. Riaz Ahamed 11/6/22

  
11/6/22

**Board of Examiners for Post Graduate**

S.No	Name & Designation	Address & Mobile number
1	<b>Dr. D.Kumar</b> Associate Professor	Department of Economics, Jamal Mohamed College Trichirapalli. Cell-9443470242
2	<b>Dr. K.Kaliyamoorthi</b> Associate Professor	Department of Economics, Urumu Dhalakshmi college kattur, Trichirapalli,Cell-9443273872
3	<b>Dr. Prasanna</b> Associate Professor	Department of Economics, Bharathidasan University, Khajamalai Campus, Tirchirapalli. Cell-9894915061
4	<b>Dr. A.Hidayathulla</b> Assistant Professor	Department of Economics, Jamal Mohamed College (Autonomous) Trichirapalli,
5	<b>Dr. J.Mohamed Zeyavudeen</b> Assistant Professor	Department of Economics, Jamal Mohamed College Trichirapalli, Cell-9894039567
6	<b>Dr. S.Ramasamy</b> Head of the Department	Department of Economics, AVC College, (Autonomous)Mannanmpandal, Mayiladuthurai, Cell-9442015357
7	<b>Dr .R.Karthikeyan</b> Associate Professor	Department of Economics, AVC College, (Autonomous)Mannanmpandal, Mayiladuthurai, Cell-9443596210
8	<b>Dr. G. Irudhyan Raj</b> Associate Professor	Department of Economics St.Joseph college (Autonomous). Trichirapalli,Cell-9443594906
9	<b>Dr. A.Gobalakrishnana</b> Associate Professor	Department of Economics, Periyar E.V.R college(Autonomous).Trichy.
10	<b>D. Malarvizhi,</b> Associate Professor	Department of Economics, K.N.G.A College (Women) (Autonomous). Thanjavur-613507, Cell-9442617757
11	<b>Dr. S.Rajarajan</b> Assistant Professor	Department of Economics, Government Arts College Kumbakonam, Cell-9442531214
12	<b>Dr. M. Suvakkim</b> Assistant Professor	Department of Economics St.Joseph college (Autonomous). Trichirapalli,Cell- 9789244394
13	<b>Dr. T.Sridhar</b> Assistant Professor	Department of Economics, National College (Autonomous). Dindugal road,Trichirapalli,Cell-9443015292
14	<b>Dr. R.Rajendran</b> Associate Professor	Department of Economics, Thanthai Periyar Government Arts college(Autonomous).Trichy.
15	<b>Dr. A. Kalaiselvi,</b> Assistant Professor	Department of Economics, Government College (Women) (Autonomous). Pudukottai, Cell-9940788427
16	<b>Dr. M. Nagendran</b> Associate Professor	Department of Economics, T.V.K Government College Tiruvarur. Cell-9751942171
17	<b>Dr. Damodaran</b> Associate Professor	Department of Economics, Central University of Tamil Nadu, Neelakudy, Thiruvarur - 610005 Cell-9789290047



11/6/22

**Board of Examiners for Under Graduate**

S.No	Name & Designation	Address & Mobile number
1	<b>Dr. K. Ushakumari</b> Assistant Professor	Department of Economics, K.N.G. Arts college for Women, Thanjavur Cel - 9790558413
2	<b>Dr. K.Susheela</b> Assistant Professor	Department of Economics, K.N.G. Arts college for Women, Thanjavur, Cel - 9095940951
3	<b>Dr. S. Manonmani</b> Assistant Professor	Department of Economics, K.N.G. Arts college for Women, Thanjavur, Cel - 9842606480
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6	<b>Prof. K. Vithyakala</b> Assistant Professor	Department of Economics, S.T.E.T Women's college (Autonomous) Cell-9459030118
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25	<b>Dr. VELU SURESH KUMAR</b> Assistant Professor of Economics	H.H.The Rajah's College (Autonomous) Pudukkottai – 622 001 Whatsapp : 9965789273.
26.	<b>Dr.V.Kaleeswari</b> Assistant Professor of Economics	Nehru Memorial College (Autonomous), Puthanampatti-621 007. Tiruchirapalli. Contact No: 9487455122

Q. Q pthw  
11/6/22

**A.V.V.M SRI PUSHPAM COLLEGE (Autonomous)**  
**POONDI, THANJAVUR, TAMILNADU- 613503**

**PG & RESEARCH DEPARTMENT OF ECONOMICS**

**I MA ECONOMICS**

**Title of the Value Added Course: TRAINING IN ENTREPRENEURSHIP**  
**Subject Code: 20PCEC1**

**Unit-1- INTRODUCTION TO ENTREPRENEURSHIP**

Concepts of Entrepreneur, Entrepreneurship and Enterprise-Definition of Entrepreneurship-objectives of Entrepreneurship Development-Phases of Entrepreneurship Development-Role, Characteristics, Traits of Entrepreneurship-Entrepreneurship Skills.

**Unit -II – INDUSTRIAL VISIT**

Defining the Business concepts-types of businesses- Sources of Business Idea Generation- writing the business plan-Business process: Product Design, Operational Process, Stock Management- DICs-Role and its Function-visiting the industry.

**Reference Books:**

1. Jayashree Suresh (2012), “Entrepreneurial Development”, Margham Publications, Chennai.
2. Supriya Singah and Akshana Singh (2012), “Entrepreneurial Development”, Thakur Publications, Chennai.
3. Gupta C.B and N.P Srinivasan (1993), “Entrepreneurial Development”, Sultan Chand, New Delhi.
4. Chandra, Shanta Kohli (1991), “Development of Women Entrepreneurship in India”, Mittal Publication, New Delhi.

**A.V.V.M SRI PUSHPAM COLLEGE (Autonomous)**  
Poondi, Thanjavur, Tamilnadu 613503  
**PG & RESEARCH DEPARTMENT OF ECONOMICS**

## **IIMA ECONOMICS**

**Title of the Value Added Course : STOCK MARKET PRACTICES**

**Subject Code: 20PCEC2**

### **Unit - I- Introduction to Stock Market**

Capital Markets in India - An overview of Indian Securities Market: Meaning- Functions- Intermediaries- Role of Primary Market – Methods of floatation of capital – Problems of New Issues Market – Recent trends in primary market -Stock exchanges and its Functions -Meaning, Nature, Secondary market instruments - types, Functions – Stock Brokers – Role -Kinds of Brokers – SEBI: functions, Role and Duties- Role of SEBI in investor protection. - Recent Development in Primary and Secondary Markets.

### **Unit -II – Hands on Training in Stock Market**

Procedure and Mechanics of trading in stock exchanges – DEMAT,REMAT – Stock indices Nifty and Sensex - Account opening with a broker-start trading (Aadhar Proof, PAN, six month bank statement, passport size photo)-Buying and Selling Shares-Holding the Stocks- Profit and Loss booking-Realizing the profit and loss and reversing the stock values- Bank Account and Trading Account interconnected. (Hands on Training by a Share Agent)

### **Reference Books:**

1. Punidhavathi Pandiyan: Security Analysis and Portfolio Management – Vikas publications.
2. Preeti Singh: Investment Management, Himalaya publishing House.
3. Dr. S. Gurusamy – Financial Services and Systems –Vijay Nichole Imprint Pvt.Ltd
4. Bhalla. V.K. – Investment Management – S.Chand & Company Ltd., New Delhi.

**A.V.V.M SRI PUSHPAM COLLEGE (Autonomous)**  
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**PG & RESEARCH DEPARTMENT OF ECONOMICS**  
**III BA ECONOMICS**

**VALUE ADDED COURSE**

**Title of the Value Added Course: SHG & HANDS ON TRAINING**

**Subject Code: 19UCEC1**

**UNIT-1 BASICS OF SHGs**

SHG- Meaning and Definitions – Genesis and Origin – Evolution – Features – Functions – Needs – Benefits – Opportunities – Weakness of SHGs – Challenges – Measures to make SHGs effective – NGOs – Micro credit – Role of Government in promoting SHG.

**UNIT-2 HANDS ON TRAINING**

Self Employment – Meaning – Types of Self Employment – Disadvantages of Self Employment – Hands on Training in -Tailoring – Tally and Beautician – Ornament Making – Pickle making – Organic Framing – Jute bag Preparation (Trainers From SHG Train the Students)

**References**

1. Das, S.K. (2011). Microcredit institution and rural poor in Assam. In Das, S.K. and Das, S.K. (Ed), Micro finance and India's rural economy (pp 49-60). New Delhi: New century publication.
2. Dwarakanath, H.D. (2006). Rural credited and women under self-help groups in women's empowerment. In M.R. Biju (Ed), Women's empowerment (pp.140-150). New Delhi: Mittal publication.
3. Nagar, N.S. (2008). Empowerment of women. Delhi: Vista international publishing house.
4. Nayak,S.S. and Sahu,A.K. (2011). Self-help groups and micro credit- credit institutions. New Delhi: Discovery publishing house.
5. Sindhuj P. (2011). Economic empowerment of women through self-help groups. New Delhi: Discovery publishing house.

**Websites**

<https://www.drishtiias.com/to-the-points/Paper2/self-help-groups-shgs>

<https://testbook.com/ias-preparation/self-help-group/>



அ.வீரயா வாண்டையார் நினைவு  
திரு புட்பம் கல்லூரி (தன்னாட்சி)  
பூண்டி -613503,தஞ்சாவூர் மாவட்டம்

**தமிழ் உயராய்வு மையம்**  
**பாடத்திட்டக் குழுக் கூட்ட அறிக்கை - 2022**

- > 2020-2023 ஆம் கல்வியாண்டிற்கான பகுதி 1 பொதுத் தமிழ், இளங்கலைத் தமிழ், இளங்கலை இந்தியப்பண்பாடு, இளம் இலக்கியம் ,முதுகலைத் தமிழ், ஆய்வியல் நிறைஞர் ஆகிய வகுப்புகளுக்கான புதிய பாடத்திட்டங்களைத் தரப்படுத்துவது மற்றும் 2020-2021 ஆம் கல்வியாண்டில் அறிமுகப்படுத்தப்பட்ட மதிப்புக் கூட்டுக் கல்வி (Value Added Course) பாடத்திட்டத்தை அங்கீகரிப்பது குறித்து ஆராய் , தமிழ் உயராய்வு மையத்தின் பாடத்திட்டக்குழுக் கூட்டம் இன்று 11.06.2022 முற்பகல் 09.30 மணியளவில் தமிழ் உயராய்வு மையத்தில் நடைபெற்றது.
- > பாடத்திட்டக்குழுக் கூட்டத்திற்குக் கல்லூரித் தமிழ்த்துறையின் தலைவர் முனைவர் நா.சிவாஜிகபிளன் அவர்கள் தலைமையேற்று நடத்தினார். இக்கூட்டத்தில் பல்கலைக் கழகம் பரிந்துரை செய்த பாடவல்லுநர் பேராசிரியர் முனைவர் இரா.குறிஞ்சிவேந்தன் (தலைவர், அயல்நாட்டுத் தமிழ்க் கல்வித்துறை தமிழ்ப் பல்கலைகழகம், தஞ்சாவூர்) மற்றும் பிற வல்லுநர் குழு உறுப்பினர்கள் முனைவர் ஞா.பெஸ்கி (தலைவர் தமிழ்த்துறை, தூயவளனார் தன்னாட்சிக் கல்லூரி,திருச்சிராப்பள்ளி) முனைவர் சி.சேதுராமன் (தலைவர் தமிழ்த்துறை, மாட்சிமை தங்கிய மன்னர் கல்லூரி புதுக்கோட்டை) முனைவர் ந.எழிலரசன் ( மேனாள் மாணவர் உதவிப் பேராசிரியர் தமிழ்த் துறை, கரந்தை உமாமகேசவரனார் கலைக்கல்லூரி கரந்தை தஞ்சாவூர்)ஆகியோர் புற வல்லுநர்களாகப் பங்கேற்றனர். இக்கூட்டத்தில் அக்குழு உறுப்பினர்களாகத் தமிழ்த்துறைப் பேராசிரியர்களும் ,சுயநிதிப் பேராசிரியர்களும் பங்கேற்றனர்.

இக்கூட்டத்தில் பின்வரும் முடிவுகள் பரிந்துரைக்கப்பட்டன.

அனைத்து முதலாமாண்டு மற்றும் இரண்டாமாண்டு இளங்கலை,இளம் அறிவியல், இளம் வணிகவியல், இளம் இலக்கியம் போன்ற பட்டப்பிரிவுகளுக்குத் தமிழ்த்துறையினரால் நடத்தப்படும் மதிப்புக் கூட்டுக் கல்விக்குப் (Value Added Course) பின்வரும் பாடங்கள் பரிந்துரைக்கப்படுகின்றன.

### மதிப்புகூட்டுக் கல்வி (Value Added Course)

முதலாமாண்டு மற்றும் இரண்டாமாண்டு இளங்கலை, இளம் அறிவியல், இளம் வணிகவியல், இளம் இலக்கியம் போன்ற அனைத்துப் பட்டப்பிரிவுகளுக்கான மதிப்புக் கூட்டுக் கல்வி (Value Added Course)

1. 20U2TAVA1 – அடிப்படைத்தமிழ்இலக்கணம்-1-(முதலாமாண்டு )
2. 20U2TAVA2 – அடிப்படைத்தமிழ்இலக்கணம்-2 (இரண்டாமாண்டு)

மூன்றாமாண்டு இளங்கலைத் தமிழ், இந்தியப் பண்பாடு, இளம் இலக்கியம், ஆகிய பட்ட வகுப்பு மாணவர்களுக்கான மதிப்புக்கூட்டுக் கல்வி (Value Added Course)

3. 20U2TAVA3 – பேச்சுக்கலை

### முதுகலைத் தமிழ், மாணவர்களுக்கான மதிப்புக்கூட்டுக் கல்வி (Value Added Course)

1. 20P2TAVA1 – மின்னாலாக்கம்
2. 20P4TAVA2 – விளம்பரக்கலை

இப்பாடத்திட்டத்தின் தேர்வு மற்றும் மதிப்பீட்டு முறைகளாக அகமதிப்பெண்கள் ~~150~~ 25-, (எழுத்து முறைத்தேர்வு புற மதிப்பீட்டு மதிப்பெண்கள் ~~150~~ 75- ஆக பரிந்துரை செய்யப்படுகிறது.

### பாடத்திட்டக் குழுத் தலைவர்

முனைவர் நா.சிவாஜிகபிலன்  
தலைவர், தமிழ்த்துறை

பாரதிதாசன் பல்கலைக் கழகம் பரிந்துரைத்த புற வல்லுநர்

முனைவர் இரா.குறிஞ்சிவேந்தன்  
பேராசிரியர் ,  
தலைவர்,  
அயல்நாட்டுத் தமிழக் கல்வித்துறை ,  
தமிழ்ப் பல்கலைகழகம், தஞ்சாவூர் ,

### கையொப்பம்

**Dr. S. Sankararao**  
முதலாமாண்டா. சிவாஜிகடௌண்.  
எம்.ஏ., எம்பிள., பி.எட., பி.ஏ.ஏ.,  
இணைப்பேராசிரியர், ஆய்வு நெறியாளர்,  
தலைவர் தமிழ்த்துறை  
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புண்டி - 613 503, தஞ்சாவூர் (மா)

**உ. இந்திமத்தூர்**

முனைவர் தற்கொலை துறை முன்றும் தலைவர்  
தற்கொலை முன்றும் துறை முன்றும் தலைவர்  
தற்கொலை முன்றும் துறை முன்றும் தலைவர்  
தற்கொலை முன்றும் துறை முன்றும் தலைவர்

### கல்லூரிப் புலம் சார்ந்த பிற புற வல்லுநர்கள்

**ஸ்ரீ. வி. முனைவர் ஞா.பெஸ்கி**  
தலைவர் ,  
தமிழ்த்துறை,  
நூயவளனார் தன்னாட்சிக் கல்லூரி ,  
திருச்சிராப்பள்ளி.

**ஓ. வி. வெங்கடை**

முனைவர் **ஓ. வெங்கடை**  
இணைப்பேராசிரியர் & ஆய்வு நெறியாளர்  
தமிழாய்வுத்துறை  
தூய வளனார் தன்னாட்சிக் கல்லூரி  
திருச்சிராப்பள்ளி-620 002.

முனைவர் சி.சேதுராமன்  
தலைவர் ,  
தமிழ்த்துறை,  
மாட்சிமை தங்கிய மன்னர் கல்லூரி ,  
பதுக்கோட்டை

மேனாள் மாணவர் உறுப்பினர்

11/6/22

முனைவர் ந.எழிலரசன்  
மேனாள் மாணவர் ,  
உதவிப் பேராசிரியர் ,  
தமிழ்த் துறை,  
கரந்தை உமாமகேசவரனார் கலைக்கல்லூரி ,  
கரந்தை ,தஞ்சாவூர்.

அக்குமு உறுப்பினர்கள் - நிரந்தரப் பிரிவு

1. முனைவர் ம.கண்ணன்

2. பேராசிரியர் அ.ஜெயரோஜா

3. முனைவர் கோ.இராஜேஸ்வரி

4. முனைவர் வீ.அறவாழி

5. முனைவர் வீ.சிவசாமி

6. முனைவர் பெ.கண்ணன்

7. முனைவர் அ.கோபு

8. பேராசிரியர் செ.இந்திரா

9. முனைவர் வீ.கீதா

10. முனைவர் ப.பாலமுருகன் —

11. முனைவர் க.தமிழ்ச்செல்வி

க.தமிழ்ச்செல்வி

ப. ஜி.

12. முனைவர் ம.இராமகிருஷ்ணன்

திரு. தீர்தங்கரை

தீர்தங்கரை

13. முனைவர் இரா.சாந்தலெட்சுமி

14. முனைவர் கோ.ஞானசங்கரி

நீலமூலமிகு

ப. ஜி.

பா. திருமூலமிகு

15. முனைவர் ந.கண்ணதாசன்

16. முனைவர் ப.சபிதா

17. பேரா.பா.இனியன் இளங்கோ

ஈடுவாய்க் குறியீடு	நாளன்று பெயர்	பயிற்சியின் நேரம் / வாரம்	சம்பந்தமாக மதிப்பீடு
II 20U2VACTA1	அடிப்படைத் தமிழ் இலக்கணம் 1	30	2

நோக்கம்

ਪਾਂਚ

**கூறு 2: சொல்லியல்**  
 சொல் விளக்கம் - சொல் வகைகள் - இலக்கண அடிப்படை-பெயர்ச் சொல் விளக்கம்  
 - பெயர்ச் சொற்களின் வகை- தன்மைப் பெயர்கள் - முன்னிலைப் பெயர்- படர்க்கைப்  
 பெயர்கள்- பெயர்சொற்கள் வேற்றுமை ஏற்றல்- வினைச்சொல் விளக்கம்- சொற்களின்  
 வகைகள்- தெரிநிலை வினைமுற்று- தெரிநிலை- பெயரெச்சம்- தெரிநிலை  
 வகைகள்- தெரிநிலை வினைமுற்று- தெரிநிலை- பெயரெச்சம்- தெரிநிலை  
 வினையெச்சம்- குறிப்பு வினை குறிப்பு- வினைமுற்று குறிப்பு- வினையெச்சம்- குறிப்பு  
 வினையெச்சம். இடைச்சொல் விளக்கம்- இடைச்சொல் வகைகள்- உரிச்சொல்  
 விளக்கம்- உரிச்சொல் வகைகள்- பல சொல் தரும் ஒரு உரிச்சொல் - ஒரு பொருள்  
 தரும் பல்உரிச்சொற்கள்.

## பார்வை நூல்

1.நல்ல தமிழ் எழுத வேண்டுமா ?

அ. கி. பரந்தாமனார் 2.மொழித்திறன் தமிழ்வாணன்

3 .பொதுத்தமிழ் 2001 இல் அமைக்கப்பட்டது

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சுதாஸிரியர் & ஆய்வு நெடுங்காலனர்  
முழுப்புவந்துறை  
கார் தன்னாடசிக் கல்லூரி  
நூற்புப்பள்ளி-620 002.

Dr. କୃମାର୍ଜି



பருவம்	பாடக்குறியீடு	தாளின் பெயர்	பயிற்சியின் நேரம் / வாரம்	மற்பு மதிப்பீடு
IV	20U4VACTA2	அடிப்படைத் தமிழ் இலக்கணம் 2	30	2

நோக்கம்:

பயன்:

கூறு 1

சொற்றொடர் அமைப்பும் நிறுத்தற்குறிகளும்- சொற்றொடர் விளக்கம்- சொற்றொடர் வகைகள்- அமைப்பு அடிப்படையில் சொற்றொடர் அமைப்பு- கருத்து அடிப்படையில் சொற்றொடர் அமைப்பு- தனி வாக்கியம்-தொடர் வாக்கியம் - கலவை வாக்கியம் - தொடர் கலவை வாக்கியம் — மறுமலர்ச்சி வாக்கியங்கள் - கருத்து அடிப்படையில் வாக்கிய அமைப்பு- செய்தி வாக்கியம் - வினா வாக்கியம் - விழைவு வாக்கியம் - உணர்ச்சி வாக்கியம்- நிறுத்தற்குறிகள்- நிறுத்தற்குறிகள் விளக்கம்- நிறுத்தற்குறிகள்- காற்புள்ளி - அரைப்புள்ளி- முக்காற்புள்ளி- முற்றுப்புள்ளி -வினாக்குறி- உணர்ச்சிக்குறி- மேற் கோற்குறி-தொடர் விடுபாட்டுக்குறி—விடுகுறி-உடுக்குறி- இணைப்புச் சிறுகோடு-இடைப்பிறவரல் வைப்புக்குறி-பிறைக்குறி-பகர அடைப்புக்குறி இலக்கிய புள்ளி

கூறு 2

கட்டுரையும் கடிதம் எழுதும் முறையும்

கட்டுரை அமைப்பு - கட்டுரை வகைகள்-கட்டுரை எழுதப் பயிற்சி அளித்தல் - கடித அமைப்பு- கடிதம் வகைகள்- உறவுமுறைக் கடிதத்தின் அமைப்பு - அலுவல்முறைக் கடிதத்தின் அமைப்பு - கடிதம் எழுதப் பயிற்சி அளித்தல்.

பார்வை நூல்

1.நல்ல தமிழ் எழுத வேண்டுமா ?

அ. கி. பரந்தாமனார் 2.மொழித்திறன் தமிழ்வாணன்

3 .பொதுத்தமிழ் 2001 இல் அமைக்கப்பட்டது

ரீதி..

கிளை-நூல்மூலம்.

முனைவர் கோ. பேர்வி  
எப்போசிரியர் & அய்வு நெறியாளர்  
தமிழாய்வந்துறை  
ய வளனார் தன்னாடசிக் கல்லூரி  
திருச்சிராப்பள்ளி-620 002.

முதல்	பாக்டரியில்	நோயின் வகை	மற்றுமிக் குறை / வாரம்	ஏற்படுமிகு மதிப்பீடு
VI	20USVACSTA3	மேடைப்பேச்சு	30	2

நோக்கம்

மேடைப்பேச்சின் முக்கியத்துவத்தை உணர்த்துதல்  
மேடையில் பேசும் வழிமுறைகளைக் கற்பித்தல்  
மேடைப்பேச்சாளர்களை உருவாக்குதல்  
தனித்தியங்கும் திறன்பெற வழிவகை செய்தல்

பயன்கள்

பேச்சின் முக்கியத்துவத்தை அறிவர்  
பேச்சாளர்களாக உருமாறி பயன் பெறுவர்  
தனிம்பிக்கையுடன் வலம் வருவர்

அலகு — 1

பேச்சும், மொழியும் — எடுத்தல் — தொடுத்தல் — முடித்தல் — விளக்கிக்கூறல்  
பேச்சு தயாரித்தல் — தலைப்பை முடிவு செய்தல் செய்திக் குறிப்பெடுத்தல் —  
வாளைாலி ரை. தொலைக்காட்சி ஊரை — சலக்கிய ஊரை — ஆரசியல் ஊரை —  
சமய ஊரை தயாரித்தல். துணிவுடன் பேசுதல் — உடல் அசைவுகள் — செய்தி  
சேகரித்தல் — குரல் வளத்தை மேம்படுத்துதல் — பார்வையாளர்களின்  
உணர்வுகளைப் புரிந்து பேசுதல்.

அலகு — 2

மேடைப்பேச்சு — சொற்பொழிவு — வேறுபாடுகள் — மேடைத்தோற்றும் —  
மேடைப்பேச்சின் நடை — பேச்சில் புதுமை — பார்வையாளர்களை ஸர்த்தல்  
பட்டிமன்றம் — விவாத மேடை — வேறுபாடுகள் — உரைகள்  
நிகழ்ச்சித் தொகுப்பு — நேரமுக வர்ணனை — வேறுபாடுகள் — திறன்மேம்படுத்துதல்  
— கோயில் திருவிழா — விளையாட்டு விழா — நேரமுக வர்ணனை

பார்வை நூல்கள்

1. பரந்தாமன் ஆ.கி.பேச்சாளராக
2. கருணாநிதி.மு.—பேசும் கலை வளர்ப்போம்.

ஞ.வி.

கிளை-கூட்டூர்-

படிவம்	பாடக்குறியீடு	தானின் பெயர்	யசிற்சூழின் தேர்ம் / வாரம்	சூரிய மதிப்பீடு
II	20P2TAVA1	மின்னூலாக்கம்	30	2

### நோக்கம்:

1. மின்னூலாக்கப் பயன்பாடுகளை எடுத்துரைத்தல்.
2. மின்னூல் தொழில் நுட்பத் துணைக் கருவிகளின் தன்மை இன்றைய சூழலில் அதன் அவசியம் போன்றனவற்றை மாணவர்கள் அறியச் செய்தல்.
3. தகவல் தொழில் நுட்பத்தில் மின்னூல் உருவாக்கம், தமிழ் மின்னியல் நூலகம், மின் நூல்கள் குறித்து எடுத்துரைத்தல்.

### கூறு :1 கணிப்பொறி அறிமுகம்

கணினியின் வரலாறு கணினியின் வளர்ச்சி - மைக்ரோசாப்ஸிட் வேர்டு - மைக்ரோசாப்ஸிட் எக்சல் - பவர்பாயின்ட் -அறிமுகம் - மைக்ரோசாப்ட் அக்ஸஸ்

### கூறு :2 தமிழ் மென்பொருள், எழுத்துருக்கள் - மயிலை - முரசு அஞ்சல் - தமிழ் லேசர் - பிற தமிழ் எழுத்துருக்கள் - தாரகை -இ -கலப்பை அழகி - என்.எச்.எம். - சர்மா - நாவி சந்திப்பிழைத் திருத்தி - மென் தமிழ்ச் சொல்லாளர் - தமிழ் மின் அகராதி - பேச்சுணரி - ஓளியெழுத்துணரி

### பயன்

1. மின்னூலாக்கப் பயன்பாடுகளை அறிவர் .
2. மின்னூல் தொழில் நுட்பத் துணைக் கருவிகளின் தன்மை இன்றைய சூழலில் அதன் அவசியம் போன்றனவற்றை மாணவர்கள் பயன்படுத்துவர்.
3. தகவல் தொழில் நுட்பத்தில் மின்னூல் உருவாக்கம், தமிழ் மின்னியல் நூலகம், மின் நூல்கள் குறித்து அறிவர்.

### பாடநூல்கள்:

தமிழ்க் கணினி - இணையப் பயன்பாடுகள் - துரை. மணிகண்டன்

ஓங்கி..

தூண் - கோடை -

என் மூ. பேஷன்  
சிரியர் & அப்பு நெடுயான  
மிஹாப்வந்துவரை  
ராம் நான்சார்வி கல்லூரி  
ராப்பள்ளி-620 002.

பருவம்	பாடக்குறியீடு	தூணின் பெயர்	யமிற்சொல்லி னேரம் / வாரம்	சூழ்நிலை மதிப்பீடு
IV	20P4TAVAC1	விளம்பரக்கலை	30	2

நோக்கம்:

பயன்:

கூறு 1.

விளம்பரங்களின் தன்மையும் நோக்கமும் - விளக்கங்கள் - விளம்பரத்தின் இயல்புகள் - அறிவிப்பும் விளம்பரமும் விளம்பரத்தின் தன்மைகள் - விளம்பர எல்லை - விளம்பர நோக்கங்கள் - விளம்பர வரலாறு - விளம்பரங்களின் வகைகள் - நேரடி விளம்பரம் - மறைமுக விளம்பரம் - அடிப்படை விளம்பரம் - விற்பனை நோக்கமுடைய விளம்பரங்கள் - தயாரிப்புப்பொருள்பற்றிய விளம்பரம் - அறிவுறுத்தும் விளம்பரம் - தயாரிப்பு நிறுவனம் பற்றிய விளம்பரம்

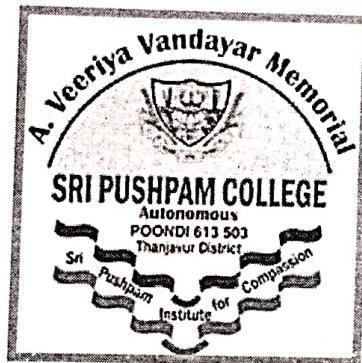
கூறு 2.

நிதி தொடர்பான விளம்பரம் - தொழில்துறை விளம்பரம் - அரசு விளம்பரங்கள் - சமூக விளம்பரங்கள் - வணிகவிளம்பரங்கள் - செய்தித்தாள் விளம்பரங்கள் - விளம்பரக் கூறுகள் வாளெனாலி விளம்பரங்கள் - தொலைக்காட்சி - விளம்பரங்கள் - திரைப்பட விளம்பரங்கள் - விளம்பரத்தின் கூறுகள் - விளம்பரத்தின் நன்மை தீமைகள் - விளம்பரத்தின் குறைபாடுகள் - விளம்பர ஒழுக்க நெறிகள் தடை செய்யப்பட்ட விளம்பரங்கள் - விளம்பரத்திற்கான சில விதிமுறைகள் - விளம்பரத் தயாரிப்பில் இதர அம்சங்கள் நுகர்வோர் பற்றிய முக்கிய விவரங்கள் - விளம்பரத்தின் பணிகள் - இதர அம்சங்கள் நுகர்வோர் பற்றிய முக்கிய விவரங்கள் - விளம்பர நிறுவன விருதுகள் - நுகர்வோரின் வழிகாட்டி - விளம்பர நகலின் அமைப்பு - விளம்பரத்தில் மனோதத்துவம் - விளம்பர நிறுவனங்கள் - விளம்பர அறங்கள்

ஸ்ரீ..

எண் ஞா. பேர்முகி  
ராசிரியன் & ஆம்பு நெடுயானா  
தமிழாய்வுத்துறை  
ஊர் தன்னாட்சிக் கல்லூரி  
சிராப்பள்ளி-620 002.

**A. VEERIYA VANDAYAR MEMORIAL SRI  
PUSHPAM COLLEGE (AUTONOMOUS)  
POONDI – THANJAVUR.**



**DEPARTMENT OF HINDI  
BOARD OF STUDIES MEETING  
HELD ON  
11.06.2022**

# MEETING OF THE BOARD OF STUDIES

## DEPARTMENT OF HINDI

### COMPOSITION OF THE BOARD OF STUDIES

1. Dr. D. Bhuvaneswari  
HOD – Assistant Professor

D. Bhuvaneswari  
Chairman 11/6/22

2. Dr. P. Rajaretnam,  
Associate Professor & Head,  
Department of Hindi,  
Central University,  
Thiruvarur.

~~Dr. P. Rajaretnam~~  
University Nominee  
11/6/22

3. Dr. J. Senthamarai,  
Associate Professor & Head,  
Department of Hindi,  
Seethalakshmi Ramalakshmi college(a),  
Trichy.

College Nominee

4. K. Thiripurasundari I-M.Sc., Maths

K. Thiripurasundari  
Alumnus 11/6/22

**AVVM SRI PUSHPAM COLLEGE (AUTONOMOUS),**  
**POONDI-TANJAVUR.**  
**DEPARTMENT OF HINDI**

**MINUTES OF INTERNAL BOARD OF STUDIES**

A meeting of the Board of studies for part-I language Hindi was held on 11.06.2022 (Saturday) at 10.30 am.

During the Board of studies meeting,

The following agenda were discussed and deliberated by the Board members:

1. The board introduces value added course for Part-I Language Hindi students and
2. Worthy creation of Question Bank.

*D. Bhuvaneswari/11/6/22*  
Head of the Department

**Dr.D.BHUVANESWARI**  
Co - Ordinator & Assistant Professor  
Department of Hindi  
A.V.M. Sri Pushpam College (Autonomous)  
Poondi - 613 503., Thanjavur.

# MEETING OF THE BOARD OF STUDIES

## DEPARTMENT OF HINDI

Signature of the Members Present:

S.No	Name & Address	Signature
1	Dr P. Rajaratnam, Associate Prof. & Head, Dept. of Hindi, Central University of Tamil Nadu, Tiruchirapalli.	 11/06/22
2.	K. Thiripurasundari, D/o, V. Karthikeyan, 1/29, Thirumalai Nagar, N.V.Kudikudi(PO) Thanjavur - 613502	 11/06/22

**A.V.V.M. SRI PUSHPAM COLLEGE (AUTONOMOUS),  
POONDI.THANJAVUR (Dt)-613503**

**PG & RESEARCH DEPARTMENT OF ENGLISH**

**BOARD OF STUDIES – 2021-2022**

The Board of Studies meet was convened at 11. a.m. on 11.06.2022. The University Nominee, **Dr. V. Vinod Kumar** Professor & Head Dean Faculty of Languages , Bharathidasan University Trichy, Subject Experts, **Dr. S. Ganesan** Associate Professor, & Controller of Examination H.H The Rajah's College Pudukottai, and **Dr. S. Saravanan**, Associate Professor of English, & Head, Govt Arts College for Men, Kumbakonam **Mr. Vijaimithra**, Soft Skill Trainer, HRD Trainer, REN Academi, Balaji Nagar, Medical College, Thanjavur, **Dr.V.Deepa**, Alumnus and the members of the Board of Studies in the Department attended the meet.

The Department of English proposed the following Value Added courses for the approval of the Board of Studies members to be implemented this year 2021-2022. The University Nominee and the Subject Experts recommended that value added courses should contain values. They insisted that the title of the paper can be named as "**Effective Communication**" I & II for all I UG & II UG programmes.

For the Final year B.A English Students instead of having "Film Study" it can be named as "**Introduction to Film Studies**" in which the paper shall have regional texts that have been filmed.

For I PG, the committee has recommended to have "**Life Skill through Literature**" in which, the literature of relevant life skill themes – from all the genres can be included.

For the Final year Students of II PG – Value Added paper can be replaced as "**Nobel Literature**" in which the Literature of Nobel awardees of recent years can be included.

Besides the recommendation to ratify the Value Added Courses, the department of English proposed to carry out the following change in UG syllabus for the forthcoming academic year 2022- 2023.

In the first year II semester –Core paper "**Basics of Linguistics**" considered to be beyond the students' comprehension at the first year level the Department requested to make an interchange.

To interchange II semester – Core paper "**Basic of Linguistics**"- 20U2ENC4 with IV Semester core 20U4ENC8- Poetry -II

  
**Chairman**

**Dr.C.RADHAKRISHNAN,M.A,M.Phil,Ph.D,**  
Associate Professor & Co-ordinator  
PG and Research Dept of English  
A.V.V.M. Sri Pushpam College (Autonomous),  
Poondi, Thanjavur - 613 503.

**Value Added Courses- 2021-2022**

**Syllabus**

**I UG- Effective Communication-I (Written)- Radhakrishna Pillai**

**II UG- Effective Communication-I (Spoken)- Radhakrishna Pillai**

**III-UG- Introduction to Film Studies**

**I-PG Life Skills through Literature.**

**II-PG Nobel Literature.**

**A.V.V.M. SRI PUSHPAM COLLEGE (AUTONOMOUS)**

**POONDI – 613 503, THANJAVUR – (Dt),**

*(Affiliated to Bharathidasan University, Tiruchirappalli – 620 024)*

**Department of English**

**Value Added Course**

**I UG – Effective Communication (Written)**

**Unit – I**

- 1. Articles**
- 2. Noun**
- 3. Adjective**
- 4. Adverb**

**Unit –II**

- 1. Pronoun**
- 2. Verb**
- 3. Preposition**
- 4. Conjunction & Interjection**

***Reference:***

Pillai, Radhakrishnan . *English Grammar and Composition*, Chennai: Emerald Publishers, 1990, Print.

**A.V.V.M. SRI PUSHPAM COLLEGE (AUTONOMOUS)**

**POONDI – 613 503, THANJAVUR – (Dt),**

*(Affiliated to Bharathidasan University, Tiruchirappalli – 620 024)*

**Department of English**

***II UG – Value Added Course***

**Effective Communication (Spoken) - II**

***Unit – I***

1. Greeting, 2. Introducing, 3. Inviting Someone, 4. Making Requests, 5. Offering Help, 6. Seeking Permission, 7. Asking for Advice, 8. Expressing Gratitude, 9. Asking about Remembering, 10. Persuading, 11. Complimenting/Congratulating, 12. Expressing Sympathy, 13. Complaining, 14. Apologising, 15. Making Suggestions, 16. Warning Someone

***Unit – II***

1. Starting a conversation with someone, 2. Leaving someone for a short time, 3. Ending a Conversation, 4. Asking for Information, 5. Asking for someone's opinion, 6. Asking if someone is sure, 7. Asking someone to say something again, 8. Checking that you have understood, 9. Asking whether someone knows, 10. Asking about possibility, 11. Asking about preference, 12. Asking if someone is able to do something, 13. Asking if someone agrees, 14. Asking if you are obliged to do something, 15. Describing Something, 16. Some useful Expressions

***Reference:***

Pillai, G.Radhakrishna and K.Rajeevan *Spoken English for You*, - Level 1 Chennai: Emerald Publishers, 1987, Print.

**A.V.V.M. SRI PUSHPAM COLLEGE (AUTONOMOUS)**

**POONDI – 613 503, THANJAVUR – (Dt),**

*(Affiliated to Bharathidasan University, Tiruchirappalli – 620 024)*

**Department of English**

***III UG – Value Added Course***

**Introduction to Film Studies**

***Unit – I***

**1. Film and Narrative**

Narrative film and its others, Two approaches to character in film, Film and time, The sense of an ending, Narrative and Power-

*Case Study-( Otha Seruppu) Tamil Movie*

**2. Film and authorship**

Author theory, , Playing Parlour games, Film as a collaborative art, The death of the author, Analytic Philosophy, Legal studies.

*Case Study: (Pisasu , Jai Bhim, Netri kann) Tamil Movie*

***Unit – II***

**1. Star Studies**

The Political Economy of Stardom, Star Persona (1), Star Persona (2), Star and Spectator, Film star and other stardom.

*Case Study: (KGF, Sarkar)-Tamil Movie*

**2. Film and ideology**

Film studies and questions of class, A very short history of gender in film studies, The beginnings of feminist film studies, Problems of psychoanalytic feminism, Masculinities in film, Race and ethnicity in film studies

*Case Study: (Iraivi, Aruvi, Vadchannai) Tamil Movie*

***Reference:***

Dix , Andrew. *Beginning film Studies*, New Delhi: Viva Books Private Limited, 2017, Print.

**A.V.V.M. SRI PUSHPAM COLLEGE (AUTONOMOUS)**

**POONDI – 613 503, THANJAVUR – (Dt),**

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**Department of English**

**Value Added Course**

**I - PG – Life Skills through Literature**

***Unit – I-Communication Skills:***

***Writing Skills:***

On letter Writing – A.G Gardiner

***Oral Communication:***

Speech on Indian Independence –Nehru

***Non Verbal Communication:***

The Gift of the Magi- O-Henry

***Listening Skills:***

The Eyes are not here-Ruskin Bond.

***Unit – II- Personal and Inter Personal Skills:***

***Adaptability Skills:***

At the Labore Karbai- Imtiaz Dharaker

***Assertiveness:***

The Verger- Somerset Maugham

***Team Work Skills:***

Narrative and the Squirrel- R.W. Emerson

***Negotiation Skills:***

Whitewashing the Fence- Mark Twain.

***References:*** The First Book of Life Skills by Larry James.

**A.V.V.M. SRI PUSHPAM COLLEGE (AUTONOMOUS)**

**POONDI – 613 503, THANJAVUR – (Dt),**

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**Department of English**

**II PG**

**Nobel Literature**

## **Unit – I**

**Books of Jacob – Olge Tokarquk**

**A Sorrow beyond Dreams- Peter Handke**

**Abdul Razak Gurnah- Paradise**

## **Unit – II**

*The unwomanly face of war- An Oral History of Women in World War-II-Svetlana Alexierich*

**Missing poem- Patrick Modiano**

**Never let Go – Kazuo Ishigero**

***References:***

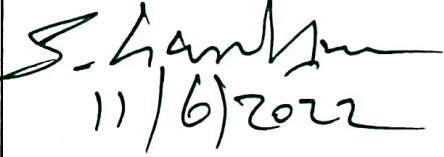
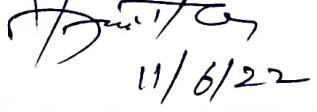
**A.V.V.M. SRI PUSHPAM COLLEGE (AUTONOMOUS), POONDI**

**PG & Research Department of English**

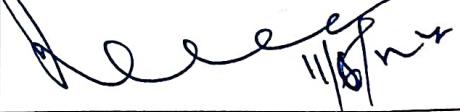
**Board of Studies Meet**

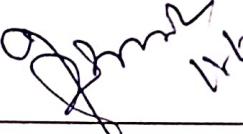
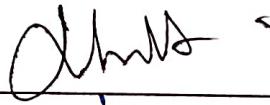
**Attendance**

11 –June- 2022

S.No	Name & Address	Signature
1.	<b>Dr. C. Radhakrishnan ,Chairman</b> Associate Professor & Co-ordinator, PG & Research Department of English, A.V.V.M.Sri Pushpam College (Autonomous), Poondi-613503.Thanjavur	 11-6-22
2.	<b>Dr. V. Vinod kumar – University Nominee</b> Professor & Head, Department of English, Dean, Faculty of Languages, Bharathidasan University, Tiruchirappalli -620023.	
3.	<b>Dr. S.Ganesan – Subject Expert</b> Associate Professor , Department of English, Controller of Examinations , H.H The Rajah's College, Pudukkottai-622001.	
4.	<b>Dr. S. Saravanan – Subject Expert</b> Associate Professor & Head, Department of English, Government Arts College for Men, Kumbakonam.-612002.	
5.	<b>Mr. Vijaimithra – Soft Skill Trainer</b> HRD Trainer, REN Academy, Balaji Nagar, Medical College, Thanjavur	

**Board Members**

6.	<b>Dr.B.R.Veeramani,</b> Associate Professor of English,	 11.6.22
7.	<b>Dr.K.Sivakumar</b> Associate Professor of English,	 11/6/22
8.	<b>Dr.S.Kanagaraj</b> Associate Professor of English,	 11/6/22

S.No	Name & Address	Signature
9.	<b>Dr.R.Shanthi</b> Associate Professor of English,	R.R 11/06/22
10.	<b>Prof.V.Radhakrishnan</b> Assistant Professor of English,	
11.	<b>Dr.T.Mahendran</b> Assistant Professor of English,	T.M
12.	<b>Dr.V.Sharmila</b> Assistant Professor of English,	V.S
13.	<b>Dr.S.Pari</b> Assistant Professor of English,	S.P
14.	<b>Dr.J.Uma Samundeeswari</b> Assistant Professor of English,	J.U.S 11/06/22
15.	<b>Dr.G.Vasuki</b> Assistant Professor of English,	G.V 
16.	<b>Prof. A.Karthik</b> Assistant Professor of English,	A.K 11/06/22
17.	<b>Dr.S.Syedshaw</b> Assistant Professor of English,	S.S 11/06/22
18.	<b>Dr. N. Latha</b> Assistant Professor of English,	N.L 
19.	<b>Dr.T.Selvakkumar</b> Assistant Professor of English,	T.S 
20.	<b>Dr. V. Deepa – Alumnus</b> Assistant Professor of English	V.D 

  
Chairman

### Board of Studies

**Dr.C.RADHAKRISHNAN, M.A., M.Phil., Ph.D.**  
Associate Professor & Co-ordinator  
PG and Research Dept of English  
A V.V.M. Sri Pushpam College (Autonomous),  
Perambalur

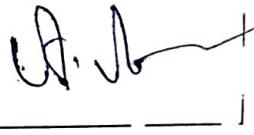
**A.V.V.M.SRI PUSHPAM COLLEGE (AUTONOMOUS), POONDI**  
**PG & RESEARCH DEPARTMENT OF COMMERCE**  
**BOARD OF STUDIES- 2021-2022**

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The board of studies for UG and PG (Commerce) was held on 11.06.2022 at 10.30 am. The subject Experts Dr. W. Jayaseeli, Associate Professor & Head, Department of Commerce, Government College for Women (Autonomous), Kumbakonam and Dr. R. P Ramesh, Assistant Professor, Department of Commerce, Rajah Serfoji Government College (Autonomous), Thanjavur, members of the Board of Studies in the Department and an alumni took active participation in the meet.

The Head, Department of Commerce, the chairman of Board of Studies extended a warm welcome to all the members of the Board and briefly stated the need and purpose of the meeting. The Board has framed the syllabus of the Value Added Courses titled “Stock Market Practices” offered to III year B.Com and “Stock Market Operations” offered to M.Com students. Finally the meeting came to an end with formal vote of thanks.

The Members of the Board of Studies:

Sl.No	Faculty Name	Represented	Signature
1	Prof. K.Thirumavalavan Co-ordinator of commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur.	Chairman	
2	✓ Dr. W. Jayaseeli, Associate Professor & Head Department of Commerce, Government College for Women(Autonomous), Kumbakonam.	Subject Expert –College Nominee	
3	✓ Dr.R.P Ramesh , Assistant Professor Department of Commerce, Rajah Serfoji Government College (Autonomous), Thanjavur.	Subject Expert –College Nominee	
4	Dr.V.Ramakrishnan, Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	
5	Dr.A.Anand, Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	

6	Dr.S.Raju, Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	
7	Dr.P.Jegan, Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	
8	Dr.R.Subashini, Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	
9	Dr.S.Suresh, Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	
10	Dr.R.Sivanantham, Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	
11	Dr.R.Saravanavel, Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	
12	Dr.P.Sankar, Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	P. Sankar 11/6/22
13	Dr.D.Chandrasekaran, Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	
14	Dr.R.Balakrishnan, Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	
15	Dr.M.Kavitha, Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	
16	Prof.S.Somasundaram,(Alumini) Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	



**A.V.V.M SRI PUSHPAM COLLEGE (AUTONOMOUS),  
POONDI – 613 503. THANJAVUR - DT**

**P.G and Research Department of Commerce**

**MINUTES OF MEETING OF PRE BOARD OF STUDIES IN COMMERCE**

Commerce Department Pre Board of Studies Was Held On 8-06-2022 at 9.30am in the Department of Commerce A.V.V.M. Sri Pushpam College (Autonomous) Poondi .The Following Resolution Were Accepted Unanimously after the Detailed Deliberation and Discussion.

The Board Are Recommended To Add the Competitive Exam Related To Allied or Skill Paper

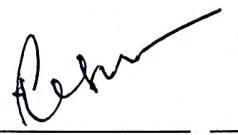
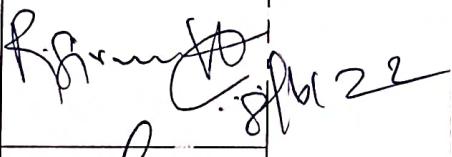
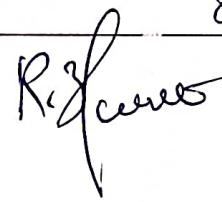
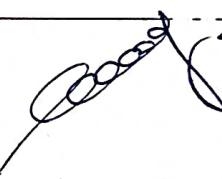
\*General Studies for Competitive Examination (Employability)

The following resolutions were discussed in the board and unanimously accepted U.G. & P.G Syllabus

1. Newly introduced Value added Courses for III U.G., & I, II P.G Students
2. Feedback on curriculum – to analysis report given by IQAC- Action . Taken
3. Updated U.G & P.G Examiner Panel
4. Creation of worthy question bank.

**Internal Members**

Sl.No	Faculty Name	Represented	Signature
1	Prof. K.Thirumavalavan Co-ordinator of commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur.	Chairman	
2	Dr.V.Ramakrishnan, Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur.	Staff Member	
3	Dr.A.Anand, Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	
4	Dr.S.Raju, Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	

5	Dr.P.Jegan, Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	
6	Dr.R.Subashini, Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	
7	Dr.S.Suresh, Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	
8	Dr.R.Sivanantham, Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	
9	Dr.R.Saravanavel, Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	
10	Dr.P.Sankar, Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	
11	Dr.D.Chandrasekaran, Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	
12	Dr.R.Balakrishnan, Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	
13	Dr.M.Kavitha, Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	
14	Prof.S.Somasundaram,(Alumini) Assistant Professor, Dept of Commerce, A.V.V.M Sri Pushpam College, (Autonomous),Poondi,Thanjavur	Staff Member	

**A.VEERIYA VANDAYAR MEMORIAL SRI PUSHPAM  
COLLEGE (AUTONOMOUS), POONDI  
PG AND RESEARCH DEPARTMENT OF COMMERCE**

**Total Credit: 1**

**ACADEMIC YEAR -2022-2023 ONWARDS  
Value Added Course Syllabus  
Offered to UG commerce students**

**STOCK MARKET PRACTICES**

**Teaching Hours: 10**

**Unit – I**

Capital Markets in India - An overview of Indian Securities Market, Mean. g, Functions, Intermediaries, Role of Primary Market – Methods of floatation of capital – Problems of New Issues Market – IPO's – Investor protection in primary market – Recent trends in primary market – SEBI measures for primary market.

**Unit – II**

Trading , settlement and Surveillance System In Stock Exchanges : Different trading systems – BSE - BOLT System – Different types of settlements - Pay-in and Pay-out – Long Delivery – Short delivery – Auction – NSE – NEAT system options – Market types, Order types and books – De-mat settlement – Physical settlement – Institutional segment – Funds settlement – Valuation debit – Valuation price – Bad and short delivery Risk management system in BSE & NSE – Margins – Exposure limits – Surveillance system in BSE & NSE – Circuit breakers

**Text Books:**

1. Prasanna Chandra, "Investment Analysis and Portfolio management", Tata McGraw Hill, 3 rdEdn., 2008
2. Avadhani, Investment and Securities Market in India, Himalaya Publishing House.

# **A.V.V.M Sri Pushpam College (Autonomous), Poondi-613 503**

## **Department of Management Studies**

### **Board of Studies Meeting**

**11/06/2022**

#### **Minutes of the Meeting**

The Board met on 11.06.2022 at 10.00 am in the Department of Management Studies. The subject experts **Dr.J.Vincent Xavier**, Assistant Professor of HRM, St. Joseph's College (Autonomous), Trichy & **Dr.Victor Lazarus**, Associate Professor, Dept. of Management Studies, Bishop Heber College, Trichy. Academic Training/Placement expert **Dr. V. Badrinath**, Dean, School of Management, SASTRA Deemed University, Thanjavur and Members of the Board of Studies in the Department attended the Meeting.

The following resolutions recommended for the approval of the Board of Studies members.

#### **Resolution**

1. The following minutes discussed in the pre Board of Studies meeting on 08.06.22 and the Department proposed it for the approval of Board of Studies Members
  - a. Revised U.G. and P.G. Examiners panel
  - b. Preparation of worthy question bank
  - c. Updating curriculum/revision on the basis of online feedback received from staff, students, alumnus and employer
  - d. Ratification of the following Value Added Courses
    - i. Digital Marketing - III B.B.A. students
    - ii. Food Processing Management - I M.B.A students
    - iii. Logistics Management - II M.B.A. students
2. It is resolved to implement 15 days Summer Internship Program for II-BBA students.
3. It is decided to conduct FDP on Outcome Based Learning in the forthcoming academic year for the benefit of our staff members.



**A.V.V.M Sri Pushpam College (Autonomous), Poondi-613 503**

**Department of Management Studies**

**Board of Studies Meeting**

**08/06/2022**

**Minutes of the Meeting**

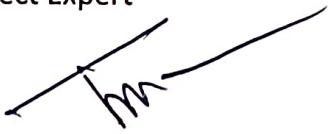
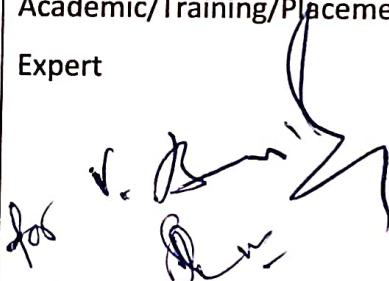
The Board met on 08.06.2022 at 10.00 am in the Department of Management Studies.

The following minutes were taken with the approval of internal members of the board.

**Resolution**

1. The following minutes considered for the approval which is taken in the pre-board of studies conducted by the internal members on 08.06.2022
  - a. Revised U.G. and P.G. Examiners panel
  - b. Preparation of worthy question bank
  - c. Updating curriculum/revision on the basis of online feedback received from staff, students, alumnus and employer
  - d. It is resolved to implement 15 days Summer Internship Program for II-BBA students
  - e. Ratification of the following Value Added Courses
    - i. Digital Marketing for Third year B.B.A. students
    - ii. Food Processing Management for first year M.B.A students
    - iii. Logistics Management for second year M.B.A. students



Sl.no	Name and address	Representation
1.	<b>Dr.P.Jegan</b> Director-SPCTE A.V.V.M Sri Pushpam College (Autonomous)	Chairman 
2.	<b>Dr.M.Babu</b> Associate Professor, Bharathidasan School of Management Trichy <a href="mailto:drbabu@bdu.ac.in">drbabu@bdu.ac.in</a>	University Nominee
3.	<b>Dr.J.Vincent Xavier</b> Assistant Professor of HRM, St.Joseph's College (Autonomous), Tricht-2. 9443532189 Email: <a href="mailto:jvincenthrm27@gmail.com">jvincenthrm27@gmail.com</a>	Subject Expert 
4.	<b>Dr.Victor Lazarus</b> Associate Professor, Dept. of Management Studies Bishop Heber College, Trichy 9443181097 E-mail: <a href="mailto:bhcvictorlazarus@gmail.com">bhcvictorlazarus@gmail.com</a>	Subject Expert 
5.	<b>Dr. V. Badrinath</b> Dean, Corporate Relations & Extension Activities Dr.Kalam - City Union Bank Chair Professor, School of Management, SASTRA Deemed University Thanjavur - 613 401 Mobile : 94431 48947 Email: <a href="mailto:deanbadri@sastra.edu">deanbadri@sastra.edu</a>	Academic/Training/Placement Expert 
6.	<b>Dr. N. Karthikeyan</b> Assistant Director MSME- Development Institute 65/1, G.S.T. Road, Guindy, Chennai-32 Mob:94823 21895 Email:- <a href="mailto:karthik_msme@gmail.com">karthik_msme@gmail.com</a>	Industry expert 
7.	<b>Mr.Vijaimithra</b> HR Trainer, Ren Academy, Thanjavur. Mob: 93603 53488 E.mail : <a href="mailto:vijaimithra@gmail.com">vijaimithra@gmail.com</a>	Industry expert 
8.	<b>Mr.R.Rajesh</b> Senior Training Officer (Placements), Madanapalle Institute of Technology and Science Andhra Pradesh Mob: 79897 33387 E-mail: <a href="mailto:rajeshr@mits.ac.in">rajeshr@mits.ac.in</a>	Alumnus 

**INTERNAL MEMBERS**

1. DR. P. DHANALAKSHMI

Assistant Professor,

Department of Management,

AVVM Sri Pushpam College (Autonomous),

Poondi.

2.DR. N. ALAGU SUNDARAM

Assistant Professor,

Department of Management,

AVVM Sri Pushpam College (Autonomous),

Poondi

3.DR. D. SURESH

Assistant Professor,

Department of Management,

AVVM Sri Pushpam College (Autonomous),

Poondi.

4.PROF. A. RAJALAKSHMI,

Assistant Professor,

Department of Business Administration,

AVVM Sri Pushpam College (Autonomous),

Poondi.

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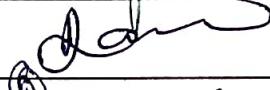
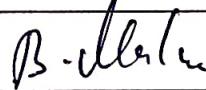
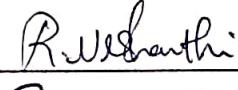
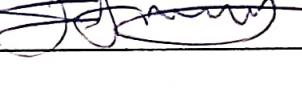
5.PROF. R. ELAVARASI,

Assistant Professor,

Department of Business Administration,

AVVM Sri Pushpam College (Autonomous),

Poondi.

S.No	Faculty Name	Designation	Signature
1.	Dr.P.Jegan Director	Chairman	 08/06/22
2.	Dr. P. Dhanalakshmi Assistant Professor	Member	
3.	Dr. N. Alagu sundaram Assistant Professor	Member	
4.	Dr. D. Suresh Assistant Professor	Member	
5.	Mrs. B. Mala Assistant Professor	Member	
6.	Prof. A. Rajalakshmi Assistant Professor	Member	—
7.	Prof. C. Rajesh Assistant Professor	Member	
8.	Prof. A. Karthikeyan Assistant Professor	Member	
9.	Dr. S. Muthuramachandran Assistant Professor	Member	
10.	Prof. R. Elavarasi Assistant Professor	Member	
11.	Prof. R. Nishanthi Assistant Professor	Member	
12.	Prof. S. Umaranjani Assistant Professor	Member	
13.	Prof.J.Anbu Srinivasan Assistant Professor	Member	



**A.V.V.M.SRI PUSHPAM COLLEGE(AUTONOMOUS),POONDI**

**PANEL LIST**

**DEPARTMENT OF BUSINESS ADMINISTRATION**

<b>SUB.CODE</b>	<b>SUB.TITLE</b>	<b>QUESTION SETTING</b>	<b>EVALUATION</b>
20U1BAC1	Principles Of Management	Dr.Bharathi Priya Sengamalathaiyar college Mannarkudi. Cell No:9952352421	Dr.Santhoshkumar Maruthupandiyar College Thanjavur Cell No:7904610114
20U1BAC2	Business Ethics And Values	Dr.Dhiraviyam,Bharathidasan Constitution College Nanilam Cell no: 9442319235	Dr.Kalaiselvi Bharathidasan constitution college Orathanadu Cell No:9943395785
20U1BAA1	Business Communication	Dr.Sivagami, Bonsecours College Thanjavur Cell No:9788189242	M.Elampirai, Bharathidasan University Orathanadu Cell No:8220790856
20U2BAA2	Financial Accounting	Dr.Indira, Annai Velakkanni College,Thanjavur. Cell No:9894139499	Dr.Bharathi Priya Sengamalathaiyar college Mannarkudi Cell No:9952352421
20U2BAC3	Organizational Behavior	Dr.Elayaraja, Uma Maheshwara College,Karanthai Cell no:7904411873	Dr A. Dhiraviyam Bharathidasan Constitution college Nannilam Cell no: 9442319235
20U2BAC4	Managerial Economics	Dr.Dhiraviyam Bharathidasan Constitution College Nanilam Cell no: 9442319235	Dr.Sandhoshkumar, Maruthupandiyar College,Thanjavur Cell No:7904610114
20U2BAS1	Business Organization	Dr.Suresh kumar, Annai velakanniCollege Thanjavur Cell No:9786390472	Dr Indira, Annai velakanni College,Thanjavur Cell No:9894139499
20U3BAC5	Business Law	Dr Sethuraman,Annai velakkanni college Thanjavur Cell No:9976710291	N.Manikandan, Umameheswara college Karanthai Cell No:9944689484
20U3BAC6	Cost Accounting	Dr.Indira, Annai Velankanni College Thanjavur Cell No:9894139499	M.Elampirai, Bharathidasan constitution college Orathanadu Cell No:8220790856
20U3BAA4	Business Environment	Dr.Vijaykumar, Annai velankanni College Thanjavur Cell no:9944833305	Dr.Santhoshkumar Maruthupandiyar College Thanjavur Cell No:7904610114
20U4BAC7	Modern Marketing	Dr.Elayaraja, Uma Maheshwara College karanthai Cell no:7904411873	Prof.Dhiraviyam.Bharathidasan Constitution CollegeNannilam Cell no: 9442319235
20U4BAC8	Management Accounting	Dr.Indra, Annai Velakkanni College ,Thanjavur. Cell No:9894139499	Dr.Bharathi Priya , Sengamalathaiyar College Mannarkudi Cell No:9952352421
20U4BAA6	Company Law &Secretarial Practice	Dr.Sivagami, Bonsecours College,Thanjavur	Dr Kalaiselvi Bharathidasan Constitution College orathanadu

		Cell No:9788189242	Cell No:9943395785
20U4BAS2	Stress Management	Dr.N.Santhosh kumar Maruthupandiyar college Thanjavur Cell No:7904610114	Maheswari, Sarafiji Colege Thanjavur Cell No:9790069300
20U5BAC9	Human Resources Mgt.,	Dr.Indira Annai velakkanni College,Thanjavur Cell No:9894139499	Maheswari,Sarafiji College Thanjavur Cell No:9790069300
20U5BAC10	Research Methodology	Dr Sethuraman,Annai velankanni College,Thanjavur Cell No:9976710291	Dr.Maheswari,Sarafiji College Thanjavur Cell No:9790069300
20U5BAC11	Business Analytics	M.Elampirai Bharathidasan Constitution college Orathanadu Cell No:8220790856	Dr.kalaiselvi Bharathidasan Constitution College Orathanadu Cell No:9943395785
20U5BAC12	Production And Material Management	Dr.P.Murali Maruthupandiyar college ,Thanjavur Cell No:9360603833	Dr.Sivagami, Bon secours College Thanjavur Cell No:9788189242
20U5BAEL1A	Customer Relationship Management	Dr.Nedumaran, Sarafiji College,Thanjavur Cell.No:9750440636	Dr.Kalimathi, Maruthupandiyar College Thanjavur Cell No:9629638145
20U5BAEL1B	Services Marketing	Dr.Santhosh.Maruthupandiyar college Thanjavur Cell No:7904610114	Dr. Vijayakumar annai velakanni college Thanjavur Cell no:9944833305
20U5BAEL2A	Merchant Banking& Financial Services	Maheswari,Sarafiji College,Thanjavur Cell No:9790069300	Dr.Indira, Annai velakanni College Thanjavur Cell No:9894139499
20U5BAEL2B	Money And Banking	Dr.Elayaraja.Umamaheswara College karanthai Cell no:7904411873	Dr.A. Dhiraviyam Bharathidasan constitution College Nannilam Cell no: 9442319235
20U5BANME	Personnel Management	Dr.Elayaraja, Uma Maheshwara College Karanthai Cell no:7904411873	Dr.Kalaiselvi Bharathidasan Constituition college Orathanadu Cell No:9943395785
20U6BAC13	Corporate Strategic Management	Dr.N.Santhosh Maruthupandiyar college Thanjavur Cell No:7904610114	Dr.Vijaykumar, Annai velankanni College Thanjavur Cell no:9944833305
20U6BAC1	Financial Management	Dr N.Santhosh, Maruthupandiyar College Thanjavur Cell No:7904610114	Dr.Nedumaran, Sarafiji College Thanjavur Cell.No:9750440636
20U6BAC1	Entrepreneurial Development	Dr .P.Murali Maruthupandiyar college Thanjavur Cell No:9360603833	Dr.Vijayakumar.Annai velankanni College Thanjavur Cell no:9944833305
20U6BAC1	Export Management	Dr N.Santhosh Maruthupandiyar College Thanjavur Cell No:7904610114	Dr D.Anand, PREC College Thanjavur Cell No:9788046867
20U6BAEL	Tourism And Travel	Dr D..Anand, PREC	M.Elampirai, Bharathidasan

3A	Management	College,Thanjavur Cell No:9788046867	Constitution College Orathanadu Cell No:8220790856	
20U6BAEL 3B	Principles Of Insurance	Dr.Sethuraman,Annai velankanni College,Thanjavur Cell No:9976710291	Dr.Santhosh Maruthupandiyar College Thanjavur Cell No:7904610114	
20U6BAEL 4A	Industrial Relation And Labour Welfare	Dr.P.Murali Maruthupandiyar Thanjavur Cell No:9360603833	Dr.Vijayakumar Annai velankanni college Thanjavur Cell no:9944833305	
20U6BAEL 4B	Training And Development	Dr.Nedumaran Sarofoji College,Thanjavur Cell.No:9750440636	Dr.Sethuraman,Annai Velankanni college Thanjavur Cell No:9976710291	

**A.VEERIYA VANDAYAR MEMORIAL  
SRI PUSHHPAM COLLEGE (AUTONOMOUS)  
Poondi, Thanjavur District – 613 503**

**Department of Management Studies**

**Board of Studies Meeting**

**15/02/2022**

**Minutes of the Meeting**

The Board met on 15-02-2022 at 10:30 am through ‘Online Mode’. The following resolution has passed with the approval of the following Professors and Industrial Experts.

**Resolution**

It is resolved to introduce a new programme in the name of M.B.A (Logistics and Supply Chain Management) with effect from 2022-2023.

This programme will be handled by both Internal Staff and External Experts.

The syllabus for this programme is formulated as per the UGC and University norms by the members present.

Mode of assessment for this programme is written and oral examination.

**Components of Evaluation**

Internal Marks	25
External Marks	75
Total	100

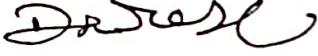
**A.V.V.M Sri Pushpam College (Autonomous), Poondi-613 503**

**Department of Management Studies**

**Board of Studies**

**Attendance Statement**

Sl.no	Name & Designation	Signature
1.	<b>Dr.P.Jegan</b> Chairman Director Department of Management, AVM Sri Pushpam College (Autonomous), Poondi. 94888 88400	 <b>Dr.P.JEGAN</b> , M.Com., M.B.A., M.Phil., Ph.D., Research Advisor in Management Director - SPCTE, A.V.V.M. Sri Pushpam College (Autonomous). Poondi, Thanjavur - 613503.
2.	<b>Dr.M.Babu</b> University Nominee Associate Professor and Director (i/c), Bharathidasan School of Management Bharathidasan University, Trichy 97894 30530	
3.	<b>Dr.P.Rajan Chinna</b> Subject Expert Assistant Professor, Department of Logistics Management, Alagappa University, Karaikudi. 97518 34311	 <b>Dr. P. RAJAN CHINNA</b> , M.B.A., Assistant Professor, Department of Logistics Management Alagappa University Karaikudi, Tamil Nadu
4.	<b>Dr.P.Vijaya Banu</b> Subject Expert Principal Indra Ganesan College of Arts & Science, Manikandam, Trichy 94428 19491	 <b>Principal</b> <b>Indra Ganesan College of</b> <b>Arts &amp; Science</b> <b>Madurai Main Road, Manikandam,</b> <b>Trichy - 620 012.</b>
5.	<b>Dr.V.A.Anand</b> Subject Expert Assistant Professor, Department of Logistics Management, Alagappa University, Karaikudi. 95852 69710	 <b>Dr. V.A. ANAND</b> Assistant Professor Department of Logistics Management Alagappa University Karaikudi - 630 004
6.	<b>Dr.Victor Lazarus</b> Subject Expert Associate Professor of Management Studies, Bishop Heber College (Autonomous), Trichy 94431 81097	 <b>Dr.R.VICTOR LAZARUS</b> MA.,MBA.,M.Phil.,Ph.D., Associate Professor & Research Advisor PG & Research Dept. of Management Studies Bishop Heber College (Autonomous) Tiruchirappalli - 620 017

7.	Mr E.Vasanth Krishna, General Manager, Konark Renewable Power Pvt Ltd, Chennai. 82202 98755	Industry Expert	
8.	Dr. P. Dhanalakshmi, Member Assistant Professor, Department of Management, AVVM Sri Pushpam College (Autonomous), Poondi.	Internal	  Dr. P. DHANALAKSHMI, M.B.A., M.Phil., Ph.D. Assistant Professor & Research Advisor, Department of Management, A.V.V.M. Sri Pushpam College (Autonomous), Poondi-613 503, Thanjavur Dt.
9.	Dr. N. Alagusundaram, Assistant Professor, Department of Management, AVVM Sri Pushpam College (Autonomous), Poondi	Internal Member	  Dr. N. ALAGUSUNDARAM, M.B.A., M.Com., M.Phil., Ph.D. Assistant Professor of Management Studies, A.V.V.M Sri Pushpam College, Poondi-613 503, Thanjavur-Dt.
10.	Dr. D. Suresh, Assistant Professor, Department of Management, AVVM Sri Pushpam College (Autonomous), Poondi.	Internal Member	  Dr. D. SURESH MBA, M.Com, M.Phil, SET, Ph.D. Assistant Professor & Research Supervisor, PG & Research Dept. of Management Studies, A.V.V.M. Sri Pushpam College (Autonomous) Poondi, Thanjavur - 613 503.

S. No	Semester	Category	Paper Code	Title of The Paper	Maximum Marks			Minimum Marks			Hours per Cycle	Credits
					CI A	E.E.	Total	CIA E.	Total			
I		Core	22P1LM1	Management Concepts & Organizational Behavior	25	75	100	10	30	50	5	4
		Core	22P1LM2	Principles of Logistics and Supply Chain Management	25	75	100	10	30	50	5	5
		Core	22P1LM3	Business Analytics	25	75	100	10	30	50	5	5
		Core	22P1LM4	Managerial Economics	25	75	100	10	30	50	5	5
		Core	22P1LM5	Managerial Communication	25	75	100	10	30	50	5	5
		Core	22P1LM6	Logistics Accounting	25	75	100	10	30	50	5	5
II		Core	22P2LM7	Export Import & Exim Port Management	25	75	100	10	30	50	5	5
		Core	22P2LM8	Financial Management	25	75	100	10	30	50	5	5
		Core	22P2LM9	Marketing Management for Logistics	25	75	100	10	30	50	5	5
		Core	22P2LM10	Research Methodology	25	75	100	10	30	50	5	5
		Core	22P2LM11	Operation Research	25	75	100	10	30	50	5	5
		Core	22P2LM12	Production & Operation Management	25	75	100	10	30	50	5	5
III		Practical	22P2LM13	Basic Computer & Soft Skill	100						4	2
		Core	22P3LM13	Legal Aspects of Logistics	25	75	100	10	30	50	5	4
		Core	22P3LM14	Entrepreneurial Development	25	75	100	10	30	50	5	5
		Core	22P3LM15	International Marketing	25	75	100	10	30	50	5	5
		Optional	22P3LM16A	Multi Modal Logistics	25	75	100	10	30	50	5	5
		Optional	22P3LM16B	Road, Rail and Air Cargo Logistics	25	75	100	10	30	50	5	4
IV		Optional	22P3LM17A	Packaging and Material Handling	25	75	100	10	30	50	5	4
		Optional	22P3LM17B	Supply Chain Risk Management	25	75	100	10	30	50	5	4
		Optional	22P3LM18A	Global Supply Chain Management	25	75	100	10	30	50	5	4
		Optional	22P3LM18B	Agile Supply Chain Management	25	75	100	10	30	50	5	4
		Project	22P3LM19	Internship Training	40	60	100	16	24	50	10	10
		Core	22P4LM20	Logistics Strategic Management	25	75	100	10	30	50	5	4
V		Core	22P4LM21	International Logistics Management	25	75	100	10	30	50	5	4
		Core	22P4LM22	Warehouse Management	25	75	100	10	30	50	5	4
		Optional	22P4LM23A	Retail Logistics Management	25	75	100	10	30	50	5	4
		Optional	22P4LM23B	Retail Supply Chain Management	25	75	100	10	30	50	5	4
		Optional	22P4LM24A	Procurement and Quality Management	25	75	100	10	30	50	5	4
		Optional	22P4LM24B	Sustainable Supply Chain Management	25	75	100	10	30	50	5	4
VI		Optional	22P4LM25A	Port Management	25	75	100	10	30	50	5	4
		Optional	22P4LM25B	Logistics and Project Planning Management	25	75	100	10	30	50	5	4
				Total				2600			120	120

**A.V.V.M. SRI PUSHPAM COLLEGE(AUTONOMOUS), POONDI.**

**DEPARTMENT OF MATHEMATICS**

**BOARD OF STUDIES -JUNE – 2021-2022**

**Minutes of the meeting of Board of studies in Mathematics**

The board of Studies for UG and PG (Mathematics) was held on 11.06.2022 at 0.30 a.m. The University nominee Dr.A.TamilSelvan, Professor, Department of Mathematics, Bharathidasan University, Tiruchirappalli – 620 024, the subject experts Dr.G.Ramesh, Associate Professor of Mathematics, Government College for Men(Autonomous), Kumbakonam, Dr.Sophia porselvi, Associate Professor of Mathematics and COE. ADM college for Women, Nagapattinam, an Industrial expert S.Sudhahar, Assistant Inspector, Office of Assistant director, State Govt. Audit Dept, Old Collectorate campus, Thanjavur, members of the Board of studies and an alumnus in the department were participated.

The following decisions of minor changes in the curriculum were made.

The department of Mathematics has approved DBT – Star College Scheme on 11.03.22. Under the scheme, new additional practicals have been added in the I<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> years UG Mathematic with existing syllabi , cited under the para. 7 of DBT star college proposal, attached herewith.

The following decision of the addition of practicals were made.

Year : (Typesetting with LATEX) To Be Undertaken \* New operators\*  
Theorem in LATEX.

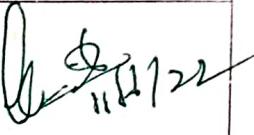
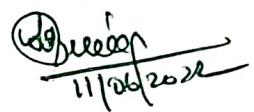
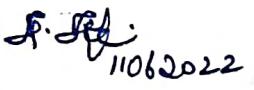
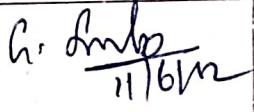
Year : \*Measures of Dispersion – Quartiles and Deciles\* Chi-square test\*  
Analysis of Variance – one – way classification \* Analysis of variance  
Two way classification \* Randomized Block Designs.

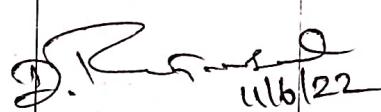
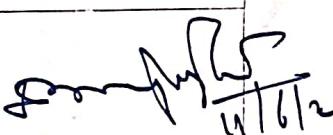
I Year : \*Temperature Conversion (Fahrenheit to Celsius and Vice – versa)\*  
Drawing a reliability graph\* Printing the Binomial Coefficient Table  
\*Plotting of two functions\* Sorting of strings in alphabetical order.

1. The syllabus for the value added course has been introduced in VI<sup>th</sup> semesters of the UG mathematics and II<sup>nd</sup> and IV<sup>th</sup> semesters of the PG mathematics from the year June 2022.
2. MOOC (Massive open online course) as extra credit course has been introduced in 3<sup>rd</sup> and 4<sup>th</sup> semester for the UG – mathematics to enhance the free online course for the UG students in mathematics.

**A.V.V.M.SRI PUSHPAM COLLEGE(AUTONOMOUS), POONDI.**  
**DEPARTMENT OF MATHEMATICS**  
**Members of Board of Studies**

The Board of mathematics met on 11.06.2022 in the department with present of the following members.

Sl.No	Name and Address	Position	Signature
1.	Prof. G. Marimuthu Associate Professor and Head, Department of Mathematics. A.V.V.M. Sri Pushpam College(Autonomous), Poondi, Thanjavur(Dt). Cell No: 9443847027	Staff Member	 11/06/2022
2.	✓ Dr. A. Tamilselvan Professor & Head, Department of Mathematics, Bharathidasan University, Tiruchirappalli 620 024. Cell No:9443478575	University Nominee	 11/06/2022
3.	✓ Dr.G.Ramesh, Associate Professor of Mathematics Gvt. Arts College for Men (Autonomous), Kumbakonam.Cell No.9443578315	Subject Expert – College Nominee	 11/06/2022
4.	Dr.Sophia Porselvi, Associate Professor of Mathematics and COE, ADM College for Men Nagapattinam Cell No.:9486860573	Subject Expert College Nominee	—
5.	✓ S.Sudhahar, Assistant Inspector, Office of Asstt director, State Govt. Audit Dept, Old Collectorate campus, Thanjavur, Cell No.:9787252936	Industrial Person- college Nominee	 11/06/2022
6.	Dr. S. Sankaranarayanan Associate Professor in Maths(SS), A.V.V.M. Sri Pushpam College(Autonomous), Poondi, Thanjavur(Dt).	Staff Member	 11/06/2022
7.	Dr.G. Sivakumar Assistant Professor of Maths, A.V.V.M. Sri Pushpam College(Autonomous), Poondi, Thanjavur(Dt).	Staff Member	 11/06/2022
8.	Dr. A. Venkatesh Assistant Professor of Maths, A.V.V.M. Sri Pushpam College(Autonomous), Poondi, Thanjavur(Dt).	Staff Member	 11/06/2022

9.	Dr. R. Sangeetha Assistant Professor of Maths, A.V.V.M. Sri Pushpam College(Autonomous), Poondi, Thanjavur(Dt).	Staff Member	
10.	Dr. S. Prakasam Assistant Professor of Maths, A.V.V.M. Sri Pushpam College(Autonomous), Poondi, Thanjavur(Dt)	Staff Member	
11.	Dr.S.Geethalakshmi Assistant Professor of Maths, A.V.V.M. Sri Pushpam College(Autonomous), Poondi, Thanjavur(Dt).`	Staff Member	S.Guel 11/6/22
12.	Dr.D.Ramprasad Assistant Professor of Maths, A.V.V.M. Sri Pushpam College(Autonomous), Poondi, Thanjavur(Dt).	Staff Member	
13.	Dr.S.Prabha Assistant Professor of Maths, A.V.V.M. Sri Pushpam Coilege(Autonomous), Poondi, Thanjavur(Dt).	Staff Member	
14	Dr.P.Reka Assistant Professor of Maths, A.V.V.M. Sri Pushpam College(Autonomous), Poondi, Thanjavur(Dt).	Staff Member	P.Reka 11/6/22
15	Dr.A.Gurumoorthy Assistant Professor of Maths, A.V.V.M. Sri Pushpam College(Autonomous), Poondi, Thanjavur(Dt).`.	Staff Member	
16	Prof.K.Vetrivel Assistant Professor of Maths, A.V.V.M. Sri Pushpam College(Autonomous), Poondi, Thanjavur(Dt).	Department Alumnus	

• Signature of the Chairman



**A.V.V.M SRI PUSHPAM COLLEGE (AUTONOMOUS) - POONDI**

**DEPARTMENT OF PHYSICS**

**BORD OF STUDIES MEET**

**MINUTES**

**Date: 11.06.2022**

The ~~Physics~~ board of studies comprising the following members met on 11.06.2022 at 11.am in the department of physics and resolved that

(i). Considering the analysis report submitted by the IQAC based on the feedback taken from students, alumni, teachers and employers, the following value added courses may be added for III UG, I PG and II PG classes.

- (a). Utilization of Solar Energy -- III UG
- (b). Modern Display Devices and Storage Devices- I PG
- (c). Research Methodology and Report Writing/  
Medical Instrumentation -II PG

(ii).The following experiments shall be added in UG practicals list based on STAR college proposal.

**List of Experiments**

**CODE:20U1PHCP1                  I-UG**

1. Measurement of e/m by Thomson's method.
2. Millikan's oil drop experiment – Determination of charge of an electron.
3. Four Probe experiment – measurement of magneto resistance.
4. Quincke's Tube method – Measurement of Susceptibility of paramagnetic solution.

**CODE:20U4PHCP2                  II-UG**

5. Laurent's Half Shade Polarimeter - Measurement of concentration of solution
6. Biprism experiment              - To measure the wavelength of light
7. He – Ne Laser                    - Determination of Particle size
8. Michelson's interferometer    - Determination of wavelength of a monochromatic light

**CODE: 20U5PHCP3 III-UG (Odd Sem)**

9. Four-point Probe – Determination of resistivity of material
10. Multiplexer and Demultiplexer construction using logic gates
11. Construction and verification of parallel binary adder
12. Elliptical and Hyperbolic fringes – Determination of Young's modulus
13. Rydberg's Constant - Determination of wavelength of the Hydrogen spectra

**CODE: 20U4PHCP4 III-UG (Even Sem)**

14. 8085 microprocessor – Assembly language programme
15. Hall effect apparatus – Determination of Hall voltage and carrier concentration of a semiconducting material

(iv).UG and PG examiners panel shall be updated.

(v).To conduct question bank workshops in the forthcoming months in consultation with COE

**EXTERNAL MEMBERS:**

S. No		Name	Signature
1.	UNIVERSITY NOMINEE	DR. S. RAJASEKAR Professor, Department of Physics, Bharathidasan University Tiruchirappalli-620024.	—
2.	SUBJECT EXPERT 1:	DR. G. VASUKI Associate Professor of Physics, K.N. Government college for Women Thanjavur-613007	—
3.	SUBJECT EXPERT 2:	Dr.C. RAMACHANDRARAJA Associate Professor of Physics Government Arts College (Autonomous), Kumbakonam-612001	<i>Subramanian 11-6-2022</i>
4.	INDUSTRIAL EXPERT	DR. B. SUBRAMANIAN Principal Scientist & Associate Professor(AC SIR) CSIR-Central Electrochemical Research Institute Karaikudi-630003.	—
5.	ALUMNI REPRESENTATIVE	DR. P. PARAMASIVAM Assistant Professor Department of Physics, Rajah Serfoji Government College(Autonomous) Thanjavur-613005.	<i>P.P 11/11/22</i>

**INTERNAL MEMBERS:**

ENO	NAME	SIGNATURE
.	Dr.K.Ravichandran	J. Ravichandran 11/06/22
.	D. B. SAKTHIVEL	D. Sakthivel 11/06/22
.	Dr. G.PASUPATHI	G. Pasupathi 11/06/22
.	Dr. N.MANJULA	N. Manjula 11/06/22
.	Dr. R. MANIMEKALAI	R. Manimekali 11/06/22
.	Dr. S.RAVISHANKAR	S. Ravishankar 11/06/22
.	Dr. M.VASANTHI	M. Vasanthi 11/06/22
.	Dr. M.SUGANYA	M. Suganya 11/06/22
.	Dr. B.DEEPA	B. Deepa 11/06/22
0.	Dr.K.MURUGANANDAN	K. Muruganandan 11/06/22
1.	PROF. P.M.SURESH	P. M. Suresh 11/06/22
2.	Dr. K.THIRUMURUGAN	K. Thirumurugan 11/06/22
3.	Dr. N. BALAGURU	N. Balaguru 11/06/22

**AVVM SRI PUSHPAM COLLEGE (AUTONOMOUS), POONDI  
DEPARTMENT OF CHEMISTRY**

**Meeting of the Board of studies**

**Minutes of the meeting held on 11.06.2022**

The meeting of Board of Studies in chemistry was held on 11.06.2022 at 10.30 am in the department of chemistry comprising the following members.

The following decisions were taken unanimously after detailed discussion.

**Resolution -I**

It is resolved to approve the syllabus of value added courses for III UG, IPG and II PG programmes enclosed herewith.

**Resolution -II**

It is resolved to approve the following question pattern of the value added course.

Answer any five questions by Choosing at least 2 Questions from section A from section B.

**Section A**

**(Questions 1 to 4)**

$5 \times 20 = 100$  marks

1. 4 Questions from unit 1 of the syllabus
2. Each question carries 20 marks.
3. Each question may contain short answer, paragraph type and essay type questions.

**Section B**

**(Questions 5 to 8)**

1. 4 Questions from unit 1 of the syllabus
2. Each question carries 20 marks.
3. Each question may contain short answer, paragraph type and essay type questions.

**Resolution -III**

It is resolved to include the following practicals in the existing UG syllabus so as to implement the DBT -STAR college scheme.

- Adsorption of dyes using charcoal at different constant temperatures using rotary shaker and colourimetric the practical course of subject code 20U1CHP1.
- Estimation of Nickel (II) and Chromium (VI) ions using photo colourimetric method in the practical course of subject code 20U1CHP1
- Change in the title of the practical as volumetric and colorimetric analysis for the subject code 20U1CHP1.

- Determination of percentage of exhaustion and equilibrium absorption of dye in the Skill Based Elective – I Textile Processing course of subject code 20U2CHS1
- Determination of water quality parameters such as pH, Electrical conductivity ,TDS etc. in the Physical Chemistry Practical course of subject code 20U5CHCP4
- Extraction of bio active compounds from natural products using different solvents with Soxhlet apparatus in Gravimetric and Organic Preparation Practical course of subject code 20U6CHCP5

#### **Resolution - IV**

The board carefully analysed the following suggestions obtained from the feed backs of students, teachers, alumni and employers.

##### **Suggestions made by the students:**

- Most of the students suggested that the existing curriculum is good
- Extra library hours are needed
- Many students mentioned that lab facilities have to be improved
- Arranging special classes for competitive exams
- Classes with modern teaching methodology & tools are helpful
- Sports and gym hour in the time-table is expected
- More field visits are expected
- Students emphasized the importance of more practical hours
- Mock recruitment sessions must be arranged
- Campus recruitment drive must be arranged every year
- Arts students are suggested to include computer courses in the curriculum
- Students demanded tally software training sessions
- All students are expected to have weekly two-hour computer lab
- Industrial visit is required

##### **Suggestions made by teachers:**

- More practical have to be included in the curriculum
- Job oriented value added courses should be introduced and must be kept open for all
- Provide lab hour for project also
- Syllabus may be revised to suit for employability so as to improve students placement
- Flexibility in selecting courses between science and arts may be there
- Need more time for labs

Courses on software which will be helpful to learn the concepts may be introduced in the curriculum

#### Suggestions made by Alumni:

Most of the alumni mentioned that the curriculum they have undergone was very useful for their career

Need more PPT classes

Syllabus of some courses is hard. Some portions may be reduced

Some of the courses is difficult to understand

Some of the course syllabi volume may be reduced

Library hours required

#### Suggestions made by the Employers:

- Importance may be given to soft skills

- Communicative skills should be improved

#### Action taken report

Based on the analysis, the board recommends to include practicals and value added courses in this existing curriculum and to conduct practical examination for course on personality development with the following components. Each having 25 marks

I. PPT presentation

II. Mini lecture

III. Group Discussion

IV. Personal interview

#### Resolution – V

Resolved to approve the enclosed panel of UG and PG examinations for question setting and evaluation

#### Resolution – VI

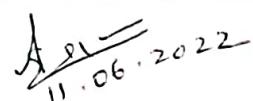
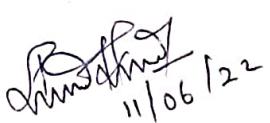
Resolved to have question bank system for the forthcoming syllabus revision in 2023 as detailed below Questions are to be prepared for one mark, two marks, five marks and ten marks as per Blooms theory by conducting workshop having internal and external subject experts. Those questions can be used for CIA examinations.

#### Resolution – VII

Resolved to reduce the teaching 5 hours to 2 hours for comprehensive test course (20P4CHCN) and increase the teaching hours from 6 to 8 for Organic Chemistry - III course (20P4CHC11) and 6 to 7 for major elective course (20P4CHEL3A). Resolved to include references for the following courses.

**A.Veeriya Vandayar Memorial Sri Pushpam College (Autonomous), Poondi**  
**Department of Chemistry**

Attendance of Board of Studies meeting held on 11.06.2022

1.	Chairman <b>Dr.V.Nandhakumar,</b> Associate Professor & Head Department of Chemistry, A.V.V.M. Sri Pushpam College (Autonomous), Poondi – 613 503	 11.06.22
2	University Nominee <b>Dr.R.Ramesh,</b> Professor and chair, School of Chemistry, Coordinator, Centre for Organometallic Chemistry (COMC), Bharathidasan University, Trichy- 620024 <u>Ramesh bdu@yahoo.com</u> , Cell: 9486066934	ABSENT
3	Subject Expert, <b>Dr.N.M.I. Alhaji,</b> College Nominee Associate Professor of Chemistry, KhadirMohideen College, Adirampattinam -614701 <u>nmalhaji@live.com</u> , Cell: 9842430591	ABSENT
4	Subject Expert, <b>Dr. A.Sekar,</b> College Nominee Associate Professor and Head, Department of chemistry Nehru Memorial College, Puthunampatti, Trichy-621007 <u>alagansek66@gmail.com</u> , Cell: 9486968387	 11.06.2022 <b>Dr. A. SEKAR</b> Associate Professor & Head PG and Research Department of Chemistry Nehru Memorial College (Autonomous) Puthanampatti - 621 007
5	Industrialist <b>Mr. P.Surendra Kumar,</b> Deputy General Manager, Quality Control Ordain Health Care Global Pvt.Ltd, Survey No 532, Uthiramerur Road, Melavalampettai, Karunkuzhi-603 303 <u>surendrakumar@exelties.com</u> , Cell: 9443878107	 11/06/22
6	Alumni <b>Mr. K .Joseph Stephen,</b> Sr. Manager – Marketing VSM WEAVESS INDIA ( P )LTD E. Kattur, Sangari main road, Pallipalayam Namakkal - 638008 <u>kjosephstephen@gmail.com</u> , Cell: 9842758412	ABSENT

**Members:**

7	Dr.K.Balakrishnan Associate Professor	F. Balakrishnan
8	Dr.M.Pramesh Associate Professor	ABSENT - ML <u>bymail</u>
9	Dr.G.Muruganandham Assistant Professor	<u>G. Muruganandham</u>
10	Dr.M.Pugazhendhi Assistant Professor	M. Pugazhendhi
11	Dr.C.Thillaiyadi Valliammai Associate Professor	C. Thillaiyadi Valliammai
12	Dr.S.Shankar Assistant Professor	S. Shankar
13	Dr.N.Mani Assistant Professor	N. Mani
14	Dr.V.Thirumurugan Assistant Professor	V. Thirumurugan
15	Dr.R.Manikandan Assistant Professor	ABSENT - Report R. Manikandan
16	Mr.T.Periyathambi Assistant Professor	T. Periyathambi
17	Dr.S.Sivajiganesan Assistant Professor	S. Sivajiganesan
18	Dr.S.K.Thiyagarajan Assistant Professor	S. K. Thiyagarajan
19	Dr.G.Vishnuvardhanaraj Assistant Professor	G. Vishnuvardhanaraj 11/06/2022
20	Dr.S.Jothiramalingam Assistant Professor	S. Jothiramalingam
21	Dr. B.Ashokkumar Assistant Professor	B. Ashokkumar

Chairman  
11.6.22  
(Chairman)

## **Value Added Course syllabus for III UG Programme**

Semester	Subject Code	Title of the Paper	Hours of Teaching	No. of Credits
V	20U5CHVA1	Domestic chemical products	30	2

### **I**nit - I

Preparation of Face powder, Talcum Powder, Face cream, Jasmine Perfume Liquid, Hand and Body Lotion, Shave Cream, After Shave Lotion, Hand Lotion Moisturizer, Sanitizer, Hand wash, Shampoo, Cosmetic soap, Nail polish, Hair dye, Lipstick, Eyebrow.

### **I**nit - II

Preparation of Room Freshener, Rose Water, and Incense sticks, camphor, Detergent, Dish wash soap, Dish wash liquid and soap oil. Liquid Blue, Detergent Washing Powder , Utensils Cleaning Powder , Toilet wash, Anti septic lotions (Like Dettol, Lysol), phenyl, Tooth Paste, Tooth Powder, Pain Relieving Balm, Pain Relieving Ointment.

### **R**eference

1. B.K.Sharma, Industrial Chemistry, Goel Publishing House, 6<sup>th</sup> edition,1994.
2. P.K.Chattopadhyay, Modern Technology of Soaps, Detergents and Toiletries, 2<sup>nd</sup> edition,2005.
3. [www.editn.in](http://www.editn.in)
4. [www.indcom.tn.gov.in](http://www.indcom.tn.gov.in)
5. [www.msmeonline.tn.gov.in](http://www.msmeonline.tn.gov.in)
6. <https://msme.gov.in>
7. <https://dcmsme.gov.in>

## Value Added Course syllabus for I PG Programme

Semester	Subject Code	Title of the Paper	Hours of Teaching	No. of Credits
I	20PCHVA1	Food products and Adulteration	30	2

### Unit - I

**Food Products:** Introduction – Wheat and Wheat Products – Classification of Wheat – Wheat Flour – Wheat Products – Analysis of Wheat and Wheat Products – Meat, Poultry and Fish – Meat – Composition of Meat – Grades of Meat – Poultry – Composition – Analysis of Poultry – Sea Foods – Composition – Analysis of Fish.

**Food Adulteration and Testing:** Introduction – Legal Aspects of Food Adulteration and Reservation – Common Food Adulterants – Types of Adulterant

### Unit - II

**Methods for Detection of common adulterants in food:** Milk : milk and milk products – oils and fats – butter – coconut oil. **Sweetening agents:** sugar – honey – Jaggery – sweetmeats – cream and beverages. **Flour :** Maida / Rice / Wheat and grains – Sella Rice (Parboiled rice) Parched rice – Wheat flour – Dal whole and split Atta, Maida Suji (Rava) – Bajra – Sago – Besan – Pulses – Spices – Black pepper – Cloves – Mustard seed – Powdered spices – Turmeric powder – chilies powder. **Miscellaneous products:** common salt – iodized salt, Tea leaves – Lemonade soda – Sweet Potato – pulses – Vinegar.

### Reference :

- Food Chemistry – Alex V Ramani MJP Publisher, 12-Jun-2019
- Industrial Chemistry – Bakavathi Sundari MJP Publishers (2006)

## Value Added Course syllabus for II PG Programme

Semester	Subject Code	Title of the Paper	Hours of Teaching	No. of Credits
VI	20PCHVA2	Water Analysis and Treatment	30	2

### Unit I

**Characteristics of water:** Water for industry – sources of water - Quality of natural water – water in Human body – water as a solvent – main quality parameters– alkalinity – hardness – total solids – oxidation –silica content.

**Purification of water:** Potability of water – removal of coarse, dissolved and colloidal impurities from water – coagulation of water – flocculants – reverse osmosis (RO).

### Unit II

**Sterilization and Disinfection of water:** precipitation method – Ozonisation – silver ion method – chlorination – Bleaching powder method – Dechlorination – physical methods of sterilization.

**Softening of water :**clark's process – lime soda process – modified lime soda process – permuted or zeolite process –Ion exchange process.

**Industrial water treatment:**Removal of iron –removal of silica – Removal of dissolved oxygen – removal of lime and algae from water- removal of smack and odour from water. Desecration and Deoxygenation of water - Sewage water – its composition – purpose of sewage treatment – Methods of sewage treatment.

### Reference Books:

1. Dr. B. K. Sharma Industrial Chemistry Goel Publishing House 2013.
2. Jain, P. C. And Jain, M. *Engineering chemistry*, 10<sup>th</sup>ed.; DhanpatRai and sons:Delhi, 1993
3. Kamaraj, P.; Jeyalakshmi, R. And Narayanan, V. *Chemistry in Engineering and Technology*; Sudhandhira publications: Chennai, 2001.
4. Kuriakose, J. C. And Rajaram, J. *Chemistry in Engineering andTechnology. Vol2.*;Tata McGraw hill: New Delhi, 1988.

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**A.V.V.M SRI PUSHPAM COLLEGE (AUTONOMOUS),  
POONDI – 613503, THANJAVUR (DT)  
DEPARTMENT OF BOTANY  
COMPOSITION OF BOARD OF STUDIES**

The following members were attended

1. Dr.T.Kumar,  
Associate Professor and Head

2. Dr.M.Sathiya bama  
Professor  
Department of Botany  
Bharathidasan University  
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Cell: 9443893527

3. Dr.R.Sarala  
Associate Professor  
Department of Botany  
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4. Dr.Anand Gideon  
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Dr.M.Boominathan,  
Assistant Professor,  
Department of Botany  
K.N.Govt Arts College for Women,  
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Cell – 9865841371

Dr.R.Senthilkumar,  
Proprietor  
Sri Amman Biocare production of Biofertilizer  
& Biocontrol agents  
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Cell: 9865778873

Chairman

*R. N. M.*  
11/06/2022

University Nominee (External member)  
Dr. (Mrs) M. SATHIYABAMA

Professor  
Department of Botany  
School of Life Sciences  
Bharathidasan University  
Tiruchirappalli - 620 024

Subject Expert (External member)

*R. Sarala*  
11/06/2022  
Dr. R. SARALA, M.Sc., Ph.D.,  
Associate Professor  
PG and Research Department of Botany  
Thanthai Periyar Government  
Arts & Science College (Autonomous)  
Tiruchirappalli-620 023, Tamilnadu, India.

*Bellin*  
Subject Expert (External member)

*V. Anand Gideon*  
Dr. V. ANAND GIDEON  
Associate Professor & Head  
Department of Botany  
Bishop Heber College (Autonomous)  
TIRUCHIRAPPALLI - 620 017.

*M. Boominathan*  
Alumini (External member)

Dr. M. BOOMINATHAN, M.Sc., M.Phil., PGDBI., Ph.D.,  
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Industry (External member)

*R. Senthilkumar*  
Dr. R. Senthilkumar  
Sri Amman Biocare  
Thirukkovilipatti  
Thanjavur - 613303

Dr. V.Ambikapathy,	Assistant Professor	V. Ambikapathy 11/6/22
Dr. P.Pandiyan,	Assistant Professor	P. Pandiyan 11/6/22
Dr. P.Vanathi,	Assistant Professor	P. Vanathi 11/6/22
Dr. S.Vijayakumar,	Assistant Professor	S. Vijayakumar 11/6/22
Dr. S.Vasantha,	Assistant Professor	S. Vasantha 11/6/22
Dr. V.Sathiya Geetha,	Assistant Professor	V. Sathiya Geetha 11/6/22
Dr. M.Ayyanar,	Assistant Professor	M. Ayyanar 11/6/22
Dr. V.Manimegalai,	Assistant Professor	V. Manimegalai 11/6/22
Dr. S.Gomathi,	Assistant Professor	S. Gomathi 11/6/22
Dr. C.Karpaga Sundari,	Assistant Professor	C. Karpaga Sundari 11/6/22
Dr. M.Mahadevi,	Assistant Professor	M. Mahadevi 11/6/22
Dr. MerlynStephen,	Assistant Professor	MerlynStephen 11/6/22

Internal Member  
Internal Member  
Internal Member

Internal Member  
Internal Member  
Internal Member

Internal Member  
Internal Member

Internal Member  
Internal Member  
Internal Member

Meeting of the board of studies in Botany for the approval of B.Sc., M.Sc., and M.Phil Botany  
revised syllabi

Botany board (UG, PG and M.Phil) was held on 11.06.2022 at 10.00 a.m and suggested for implementation.

The following suggestions where unanimously taken after detailed discussions

resolution

1. It is resolved to introduce syllabus for newly introduced value added courses for III UG, I PG & II PG students of Botany.
2. It is resolved to correct minor changes in the list of practical courses for UG Botany students for STAR College.
3. It is resolved to update UG and PG Panel of Examiners.
4. It is resolve to effective implementation of question bank.

X Inclusion of Group Project in UG programs  
X Addition of Text books for each courses

Signature of the internal members present

(Chairman)

J. M. N  
11/06/2022

1. Dr.T.Kumar
2. Dr. C.Chandran,
3. Dr. V.Ambikapathy,
4. Dr. P.Pandiyan,
5. Dr. P.Vanathi,
6. Dr. S.Vijayakumar,
7. Dr. S.Vasantha,
8. Dr. V.Sathiya Geetha,
9. Dr. M.Ayyanar,
10. Dr. V.Manimegalai,
11. Dr. S.Gomathi,
12. Dr. C.Karpaga Sundari,
13. Dr. M.Mahadevi,
14. Dr. MerlynStephen,

A. Sankar 11.6.22  
D. V. Manimegalai 11/06/22  
P. C. S. 11/06/22  
S. Vijay 11.06.2022  
S. Vasanth 11/06/2022  
—  
M. Y. Arora 11/06/22  
V. Manimegalai 11/06/22  
—  
M. M.  
Merlyn Stephen 11/06/22  
R. M. 11/06/22

J. M. N  
11/06/2022

Signature of the Chairman

**A.V.V.M SRI PUSHPAM COLLEGE (AUTONOMOUS),  
POONDI – 613503, THANJAVUR (DT)  
DEPARTMENT OF MICROBIOLOGY  
COMPOSITION OF BOARD OF STUDIES**

The following members were attended

1. Dr.T.Kumar,  
Associate Professor and Head

Chairman

2. Dr.Rajesh Kannan  
Professor,  
Department of Microbiology  
Bharathidasan University  
Tiruchirappalli -24

University Nominee (External member)

—

3. Dr.S.Rajan  
Assistant Professor  
Department of Microbiology  
M.R.Govt. Arts College  
Mannargudi- 621 704  
Cell -9363125445

Subject Expert (External member)

—

4. Dr.S.Manikandan  
Proprietor  
S.M.Biotech Industries  
No.2/206, South Street, Cholan Maligai (P.O)  
Kumbakonam - 612703.  
Cell: 9942695846

  
From Industry (External member)

5. Dr.V. Arun Prasath  
Assistant Professor,  
Department of Microbiology,  
A.V.C.College (Autonomous),  
Mannampandal, Mayiladuthurai - 609001  
Cell - 9486258493 9688883089

Alumini (External member)

6. Dr. K.Kanimozhi,	Assistant Professor	Internal Member
7. Dr. G.Kanimozhi,	Assistant Professor	Internal Member
8. Dr. G.Senthilkumar,	Assistant Professor	Internal Member
9. Dr. R.Elakkia,	Assistant Professor	Internal Member

Meeting of the board of studies in Microbiology for the approval of M.Sc., and M.Phil  
Microbiology revised syllabi

Microbiology board (PG and M.Phil) was held on 12.09.2020 at 10.00 am  
and suggested for implementation.  
The following suggestions were unanimously taken after detailed discussions

Resolution

1. It is resolved to introduce syllabus for newly introduced value added courses for all I PG & II PG programmes of Microbiology students.
2. It is resolved to updating of PG examiners panel.
3. It is resolved to effective implementation of question bank.

Signature of the internal members present

1. Dr.T.Kumar (Chairman)



2. Dr. K.Kanimozhi,



3. Dr. G.Kanimozhi,

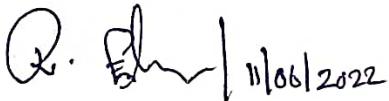


G. Kanimozhi 11/06/2022

4. Dr. G.Senthilkumar,



5. Dr. R.Elakkia



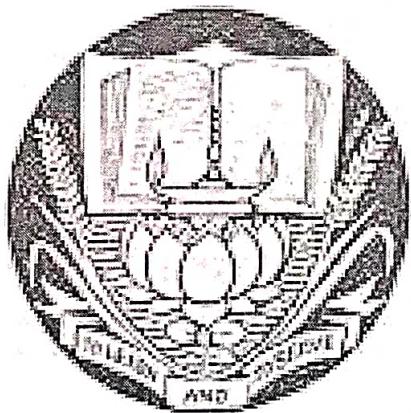
R. Elakkia 11/06/2022



**Signature of the Chairman**

**A.V.V.M. SRI PUSHPAM COLLEGE  
(AUTONOMOUS)**

**POONDI – 613 503, THANJAVUR DISTRICT**



**B.Sc., & M.Sc., ZOOLOGY  
BOARD OF STUDIES MEETING**

**11.06.2022**

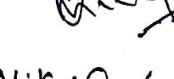
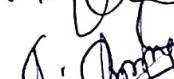
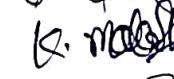
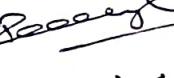
**PG & RESEARCH DEPARTMENT OF ZOOLOGY**

**A.V.V.M. SRI PUSHPAM COLLEGE (AUTONOMOUS)  
POONDI, THANJAVUR DISTRICT**

**PG AND RESEARCH DEPARTMENT OF ZOOLOGY  
MEETING OF THE BOARD OF STUDIES  
COMPOSITION OF BOARD OF STUDIES - 11.06.2022**

NAME & ADDRESS	DESIGNATION	SIGNATURE
R. RAJAKUMAR Associate Professor & Head Department of Zoology A.V.V.M. Sri Pushpam College (Autonomous), Poondi - 613 503. mail: <a href="mailto:drajakumarabi@gmail.com">drajakumarabi@gmail.com</a> Mobile: 9842466324	Chairman	 11/06/22
R. R. THIRUMURUGAN, Professor and Head, Department of Animal Science, Harathidasan University, Kuchirappalli - 620 024 mail: <a href="mailto:ramthiru72@gmail.com">ramthiru72@gmail.com</a> Mobile: 9443094199	University Nominee	 11/06/22
R. SRAMU Assistant Professor and Head, Department of Zoology, R. Govt. Arts College, Annargudi. mail: <a href="mailto:ramumrgac@gmail.com">ramumrgac@gmail.com</a> Mobile: 9865265527	Subject Expert	 11/06/22
N. N. CHANDRAKALA, Assistant Professor and Head, PG and Research Department of Zoology, Unithavai Nachiyar Govt. Arts College for women, Thanjavur - 613 005. mail: <a href="mailto:nckalavasan@gmail.com">nckalavasan@gmail.com</a> Mobile: 9790378977	Subject Expert	 Chandrakala 11/06/22
R. S. KALAISELVAN PGD Ornamental fish culture P. Rajah Serfoji college, Near Bus stand, Thanjavur - 613 005 Mobile: 9952408151	Industrialist	 ABSENT

**MEMBERS:**

1. Dr. R. PRAGASHRAJ	-	Internal member	 11/6/22
2. Dr.S.VIJAYAKUMAR	-	Internal member	 11/6/22
3. Dr. K. JAYASEELAN	-	Internal member	 11/6/22
4. Dr. S.GANESAN	-	Internal member	 ABSENT
5. Dr.P.NAMBIRAJAN	-	Internal member	 Absent
6. Dr. G.DEVENDRAN	-	Internal member	 Absent
7. Dr.R. SRIPRIYA	-	Internal member	 Absent
8. Dr.K. KUMAR	-	Internal member	 Absent
9. Mrs. V.KANAGAVALLI	-	Internal member	 Absent
10. Dr. S.SANGEETHA	-	Internal member	 Absent
11. Dr.K.MALATHI	-	Internal member	 Absent
12. Dr.R.PRIYADHARSHINI	-	Internal member	 Absent
13. Dr. T. ANABALAGAN	-	Internal member	 Absent

**ALUMNI:**

1. Dr.P. PRABHU	-	Alumni	
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**A.V.V.M. SRI PUSHPAM COLLEGE (AUTONOMOUS)  
POONDI – 613 503, THANJAVUR DISTRICT**

**PG & RESEARCH DEPARTMENT OF ZOOLOGY**

**MINUTES OF THE BOARD OF STUDIES MEETING - 11.06.2022**

A meeting of the Board of Studies for B.Sc., and M.Sc., Zoology programme was held on 11.06.2022 at 10.30 a.m. and the following resolutions were taken unanimously after detailed discussions.

**It is resolved that:**

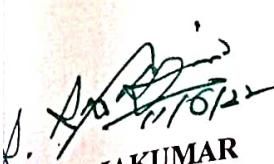
- A value added course, APICULTURE shall be introduced in the six semester of III B.Sc., Zoology.
- A value added course, SERICULTURE shall be introduced in the second semester of I M.Sc., Zoology.
- A value added course, POULTRY FARMING shall be introduced in the fourth semester of II M.Sc., Zoology.

**Evaluation Patterns: (Maximum Marks: 100) (5x20=100)**

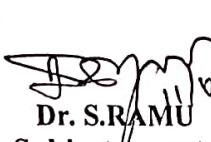
Question Pattern for UG & PG Value Added Course Theory Papers.

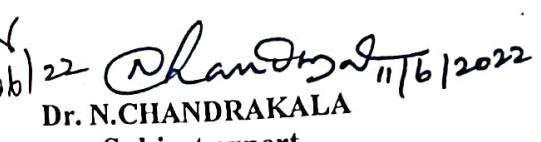
Answer any **FIVE** Questions by choosing at least 2 Questions from section A & from section B.

- 4 Questions from each unit of the Syllabus
- Each question carries 20 marks.
- The department of Zoology has recognized under DBT – Star College Scheme on 11.03.2022. Under the Scheme – New additional Practicals have been included in the 1<sup>st</sup>, 2<sup>nd</sup>, 4<sup>th</sup> and 6<sup>th</sup> semester practicals of B.Sc., Zoology Programme.
- The list of Examiners for UG and PG Zoology programmes are approved.
- Question bank for UG and PG Zoology Programme to be prepared and maintained.
- No change in the syllabi of both UG and PG Zoology programme.

  
Dr. R.RAJAKUMAR  
Chairman

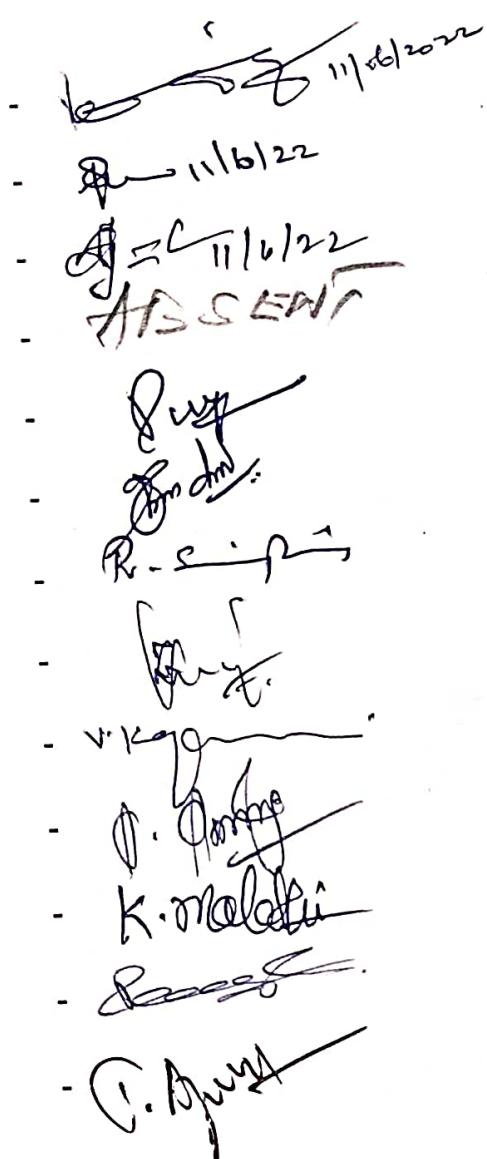
  
Dr. R.THIRUMURUGAN  
University Nominee

  
Dr. S.RAMU  
Subject expert

  
Dr. N.CHANDRAKALA  
Subject expert

**MEMBERS:**

- |                         |                   |
|-------------------------|-------------------|
| 1. Dr. R. PRAGASHRAJ    | - Internal member |
| 2. Dr.S.VIJAYAKUMAR     | - Internal member |
| 3. Dr. K. JAYASEELAN    | - Internal member |
| 4. Dr. S.GANESAN        | - Internal member |
| 5. Dr.P.NAMBIRAJAN      | - Internal member |
| 6. Dr. G.DEVENDRAN      | - Internal member |
| 7. Dr.R. SRIPRIYA       | - Internal member |
| 8. Dr.K. KUMAR          | - Internal member |
| 9. Prof. V.KANAGAVALLI  | - Internal member |
| 10. Dr. S.SANGEETHA     | - Internal member |
| 11. Dr.K.MALATHI        | - Internal member |
| 12. Dr.R.PRIYADHARSHINI | - Internal member |
| 13. Dr. T. ANABALAGAN   | - Internal member |

  
11/6/22  
11/6/22  
11/6/22  
ASSENT  
R. Sripriya  
K. Malathi  
C. Aruna

**ALUMNI:**

- |                 |          |
|-----------------|----------|
| 1. Dr.P. PRABHU | - Alumni |
|-----------------|----------|

  
P. Prabhu

**PG AND RESEARCH OF DEPARTMENT OF ZOOLOGY**  
**PG - PANEL OF EXAMINERS FOR QUESTION PAPER SETTING AND VALUATION**

S.No	NAME	ADDRESS
1.	<b>Dr. R.THIRUMURUGAN</b> Professor and Head	DEPARTMENT OF ANIMAL SCIENCE, BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024 Email: <a href="mailto:ramthiru72@gmail.com">ramthiru72@gmail.com</a> Mobile: 9443094199
2.	<b>Dr. A. AMSATH</b> Associate Prof and Head	PG AND RESEARCH DEPARTMENT OF ZOOLOGY KHADIR MOHIDEEN COLLEGEADHRAMAPATTINAM. CELL NO: 9443717126
3.	<b>Dr.B.KADALMANI</b> Associate Professor	DEPARTMENT OF ANIMAL SCIENCE, BHARATHIDASAN UNIVERSITY, TRICHIRAPPALLI – 620 024. MOBILE: 8838427445
4.	<b>Dr.I.JOSEPH ANTONY</b> <b>JERALD</b> Associate Professor	PG AND RESEARCH DEPARTMENT OF ZOOLOGY JAMAL MOHAMED COLLEGE (AUTONOMOUS), TRICHY CELL NO:9443872122
5.	<b>Dr.M.ANEEZ MOHAMED</b> Associate Professor	PG AND RESEARCH DEPARTMENT OF ZOOLOGY JAMAL MOHAMED COLLEGE (AUTONOMOUS), TRICHY CELL NO: 9842445997
6.	<b>Dr. N.CHANDRAKALA</b> Associate Prof and Head	PG AND RESEARCH DEPARTMENT OF ZOOLOGY K.N.GOVT. ARTS COLLEGE FOR WOMEN (AUTONOMOUS), THANJAVUR. CELL NO:9790378977
7.	<b>Dr.P.RAJARAMAN</b> Associate Prof and Head	PG AND RESEARCH DEPARTMENT OF ZOOLOGY TVK ARTS & SCIENCE COLLEGE(AUTONOMOUS), TIRUVARUR. CELL:9360628148; 9443968974
8.	<b>Dr. P.KRISHNAMOORTHY</b> Associate Professor	PERIYAR EVR COLLEGE (AUTONOMOUS), TRICHY-20 CELL:9488603566
9.	<b>Dr. P.MARIAPPAN</b> Assistant Professor and Head,	DEPARTMENT OF ZOOLOGY, RAJAH SERFOJI GOVT. ARTS COLLEGE (AUTONOMOUS) THANJAVUR,- 613 005 EMAIL: MARIS7@RSGC.AC.IN

		MOBILE: +91 9865423322
10.	<b>Dr.M.PALANISAMY</b> Assistant Professor and Head	PG DEPARTMENT OF ZOOLOGY, H.H.RAJAH'S COLLEGE (AUTONOMOUS), PUDUKOTTAI. CELL:9965793987
11.	<b>Dr.J.GOKULAKRISHNAN</b> Assistant Professor and Head	DEPARTMENT OF ZOOLOGY POOMPUHAR COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), MELAIYUR, CELL: 9443985831
12.	<b>Dr.K.MUTHUKUMERAVEL</b> Assistant Professor(SG)	PG AND RESEARCH DEPARTMENT OF ZOOLOGY KADIR MOHIDEEN COLLEGE, THANJAVUR. CELL: 9791387363
13.	<b>Dr. P.THANGAMATHI</b> Assistant Professor (SG) and Asst. Controller of Examinations	K.N.GOVT. ARTS COLLEGE FOR WOMEN (AUTONOMOUS), THANJAVUR. CELL NO:9677348991
14.	<b>Dr.S.SIVASURIYAN</b> Assistant Professor(SG)	PG AND RESEARCH DEPARTMENT OF ZOOLOGY RAJAH SERFOJI GOVT. ARTS COLLEGE (AUTONOMOUS), THANJAVUR. CELL: 8489885147
15.	<b>Dr.P.MURUGAYAN</b> Assistant Professor(SG)	PG AND RESEARCH DEPARTMENT OF ZOOLOGY RAJAH SERFOJI GOVT. ARTS COLLEGE (AUTONOMOUS), THANJAVUR. CELL:9443709900
16.	<b>Dr.A.NAGASATHYA</b> Assistant Prof and Head	PG AND RESEARCH DEPARTMENT OF ZOOLOGY GOVT. ARTS COLLEGE FOR WOMEN (AUTONOMOUS), PUDUKOTTAI CELL NO:9443476541
17.	<b>Dr.K.RAMESHKUMAR</b> Assistant Professor(SG)	DEPARTMENT OF ZOOLOGY, RAJAH SERFOJI GOVT. ARTS COLLEGE (AUTONOMOUS) THANJAVUR,- 613 005 MOBILE : 9842970091

11/06/22  
THIRUMVRUGAN)

11/06/22  
(Dr. S. RAMA)

11/06/22  
Chandru/T6/2022  
(Dr. N. CHANDRAKALA).

**PG AND RESEARCH OF DEPARTMENT OF ZOOLOGY**  
**PG - PANEL OF EXAMINERS FOR QUESTION PAPER SETTING AND VALUATION**

S.No	NAME	ADDRESS
1.	<b>Dr. R.THIRUMURUGAN</b> Professor and Head	DEPARTMENT OF ANIMAL SCIENCE, BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024 Email: <a href="mailto:ramthiru72@gmail.com">ramthiru72@gmail.com</a> Mobile: 9443094199
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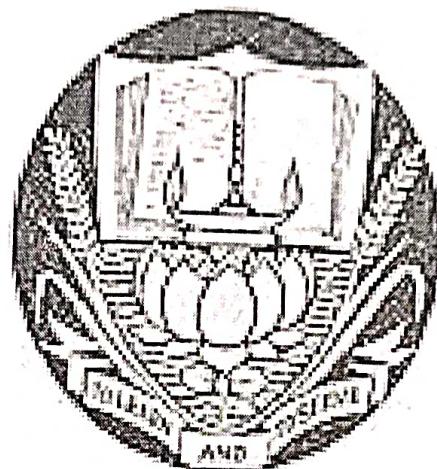
11/06/22  
THIRUMURUGAN)

11/06/22  
(Dr. S. RAM)

11/06/22  
(Dr. N. CHANDRAKALA)

**A.V.V.M. SRI PUSHPAM COLLEGE  
(AUTONOMOUS)**

**POONDI – 613 503, THANJAVUR DISTRICT**



**B.Sc., ZOOLOGY PRACTICALS**

*11. 06. 2022*

**(Under DBT – Star College Scheme)**

Semester	Course Code	Title of the Paper	Hours of Teaching / Week	No. of Credits
I	20U1ZOCPI	Core – PL – INVERTEBRATA	3	4

**Objectives:**

1. To know the evolutionary trend in the digestive, nervous systems of Earth worm, Cockroach, Pila and Freshwater mussel.
2. To understand the mode of feeding in the insects observing the mouthparts.

**Dissections**

- Earthworm : Digestive and nervous Systems.  
 Prawn : Nervous system.  
 Cockroach : Digestive, nervous and reproductive systems  
 Honeybee : Alimentary Canal and nervous system  
 Pila : Mouthparts  
 F.W. Mussel : Digestive system

- Mountings**
- |                   |                               |
|-------------------|-------------------------------|
| Earthworm         | : Body setae and penial setae |
| Prawn             | : Appendages                  |
| Cockroach         | : Mouthparts                  |
| Honeybee          | : Mouthparts                  |
| Housefly          | : Mouthparts                  |
| Pila              | : Radula                      |
| Freshwater mussel | : Pedal ganglion              |

**Slide preparation : T.S of Earthworm (Demonstration)**

**LIST OF SPOTTERS**

- |                 |  |
|-----------------|--|
| Protozoa        | : Entamoeba, Trypanosoma. Paramecium – Binary fission and Conjugation, Plasmodium  |
| Porifera        | : Sponge - Gemmules, spicules,   |
| Coelenterata    | : Obelia – Entire, Medusa; Physalia, Aurelia, Sea anemone and Corals   |
| Platyhelminthes | : <i>Fasciola hepatica</i> entire, T.S. of Redia larva, Cercaria larva, <i>Taenia solium</i> – entire, T.S. and Scolex.              |
| Nematoda        | : Ascaris male and female, T.S. of male and female, Dracunculus, Ancylostoma and Wuchereria  |
| Annelida        | : Neries entire, Parapodium, Heteroneries, Earthworm entire, Leech entire , T.S. of Leech, Nephridium, Trochophore larva, Peripatus. |
| Arthropoda      | : Daphnia, Cyclops, Sacculina, Limulus.  |

Mollusca

Echinodermata

- : Nauplius, Zoa, Mysis, Megalopa, Phyllosoma, Alima, Honey bee, *Bombyx mori*.
- : Chiton, Dentalium, Sepia, Nautilus, Mytilus, Loligo Glochidium Larva.
- : Starfish, Sea urchin, Sea-Cucumber, Bipinnaria larva, Auricularia Larva, Pluteus Larva, Pedicellaria, Aristotle's Lantern.

A record of lab work and report on field trip should be maintained and submitted at the time of practical examination for valuation.

**Mark Details:**

Methodology	= 20
Execution	= 30
Record	= 10
Total	= 60

**Reference:**

1. G.S. Sandhu – Advanced Practical Invertebrate Zoology,
2. Gurdarshan Singh – Manual of Laboratory specimens – Invertebrates.
3. H.S. Bharmah – Practical Zoology : Invertebrates.

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Candidates will be required to identify and comment upon specimen of Zoological interest Microscopic preparations, pertaining to types and examples studied under classification. A record of laboratory work and a report on local field trip should be maintained and submitted at the time of practical examination for valuation.

Semester	Course Code	Title of the Paper	Hours of Teaching / Week	No. of Credits
II	20U2ZOCP2	Core -PL MICROBIAL TECHNIQUES	3	4

**Objectives:**

1. To study about the Microscope – structure and function of various microscopes.
2. To study the classification of microorganisms and their structure.
3. To study about the preparation of bacterial culture medium and Gram's staining techniques.
4. To study the pathology of various microbes.
5. To study the role of microbes in agriculture, food and dairy industries.

**PRACTICALS**

1. Cleaning and preparation of glasswares.
2. Sterilization of glasswares and media.
3. Preparation of fungal culture media – PDA and Rose Bengal Agar medium.
4. Preparation of Bacterial culture media – NA and Nutrient broth medium.
5. Identification of microorganisms in water and soil samples.
6. Pure culture technique – Serial dilution, Streak plate and pour plate technique.
7. Staining techniques – Gram's staining and Lactophenol cotton blue staining.
8. Biochemical test – Fermentation of Carbohydrate and Amylase test.
9. Estimation of haemoglobin content from microbial infected human blood

**SPOTTERS**

Hot air oven, Autoclave, Pressure cooker, Agar plate, Inoculation needle, Petri plates, Laminar air flow, Colony counter, Haemocytometer.

HIV, Bacteriophage, Yeast, *E.coli*, *Pseudomonas*, *Bacillus subtilis*, *Streptococci*, *Vibrio cholera*, *Aspergillus niger*, *A.flavous*, *Pencillium janthinellum*, *P.citrinum* and *Fusarium* sp.,

Semester	Course Code	Title of the Paper	Hours of Teaching / Week	No. of Credits
III	20U3ZOCP3	Core – PL - CHORDATA	3	4

#### Objectives:

1. To know the various systems of Calotes and Rat.
2. To study the important chordate animals as spotters.

#### Dissection

1. Fish : Digestive System, Arterial system and venous system
2. Rat : Digestive System, Arterial system and venous system – Virtual Lab.

Mounting : Placoid scale of shark, Brain of Fish and Rat.

Candidates are required to indentify and comment upon specimen of Zoological interest, microscopic preparations pertaining to types and examples studied under classifications and osteology of types.

#### List of Spotters – Chordates

Amphioxus, Balanoglossus, Tornaria larva, Ascidia, Petromyzon, Shark, Mullet, Eel, Arius, Exocoetus, Saccobranchus, Synapta, Echenies, Gambusia, Clarias, Anabas, Varanus, Draco, Calotes, Hemidactylus, Chaemeleon, Oligodon, Cobra, Viper, Python, Pit viper, Pigeon, Owl, Parrot, Kingfisher, Rat, Bat, Loris, Dentition – Rabbit.

Pectoral, girdle	: Frog, Calotes, Pigeon and Rabbit
Pelvic Girdle	: Frog, Calotes, Pigeon and Rabbit
Fore and Hind Limbs	: Frog, Calotes, Pigeon and Rabbit
Skull	: Frog, Calotes, Pigeon and Rabbit

#### Reference:

1. G.S. Sandhu – Advanced Practical Chordate Zoology
2. Gurdarshan Singh – Manual of Laboratory specimens – Chordates
3. H.S. Bharmah – Practical Zoology; Chordates.

#### Field work Report:

A record of lab work and report on Field Trip (places of zoological interest) should be maintained and submitted at the time of practical examination

Semester	Course Code	Title of the Paper	Hours of Teaching / Week	No. of Credits
IV	20U4Z0CP4	Core -PL-BIOCHEMISTRY, BIOPHYSICS AND BIO-STATISTICS	3	4

**Objectives:**

1. To understand the level of sugar, proteins, and lipids in biological samples by qualitative and quantitative estimation.

#### A. Bio-Chemistry

1. Qualitative test for Carbohydrate.
2. Qualitative test for Protein.
3. Qualitative test for Lipid.
4. Quantitative estimation of sugar in Blood & Urine sample.
5. Quantitative estimation of proteins in serum.
6. Separation of amino acids by circular paper chromatography.
7. Separation of DNA from biological samples
8. Separation of protein from biological samples (SDS-PAGE)
9. Preparation of extracts from plants for understanding secondary metabolites
10. Estimation of Total free fatty acids.

#### B. Biostatistics

1. Determination of mean, median and mode.
2. Determination of standard deviation.

#### C.Biophysics

1. Verification of Beer's and Lambert's law.
2. Estimation of soluble sugar in the given sample – Colorimetric method (Phenol Sulphuric acid method).

#### Spotters

Colorimeter, Spectrophotometer, NMR, ECG, EEG, pH meter, TLC, Homogenizer, Centrifuge, SDS-PAGE, ELISA – kit, Micro pipette.

#### Mark Details:

Practical	= 50
Record	= 10
Total	= 60

#### Internship report submission:

A report on Internship (zoological related industries, farms) should be maintained and submitted at the time of practical examination for valuation.

#### Course Outcome

- To understand the biochemical based experiment for the basic needs
- To gain the knowledge on application of biostatistics and biophysics
- The Enzymes and enzyme kinetics and its applications.
- Basics and applications of biophysics.

Semester	Course Code	Title of the Paper	Hours of Teaching / Week	No. of Credits
IV	20U4ZOS2	SKILL BASED EDUCATION – II TECHNIQUES IN CLINICAL LAB (PRACTICAL)	1	1

**Objectives:**

1. The main objective of introducing this paper is to learn the basic techniques in Clinical Lab technology.

1. Sample collection and storage techniques.
2. Transport of clinical specimens
3. Sterilization and Disinfection techniques.
4. Preparation of fungal and bacterial media
5. Simple Staining for bacterial identification
6. ABO Blood grouping Test
7. Blood cell counting (RBC and WBC)
8. Analysis of Semen, Sputum and Stool.
9. Urine analysis – Sugar, Urea and Creatinine
10. Diagnosing Equipment: ECG, EEG, Sphygmomanometer, Haemocytometer, ELISA, RT-PCR

**Reference**

1. Medical Laboratory Technology – K.M. Samuel.
- Practical Manual of Medical Bacteriology (MLS 2413)- 2<sup>nd</sup> Edition 2014: Dr.G.I.D. Pushyanthie, A.D. Athukorala, Dr. JananieKottahachchi, University of Jayewardenepura

**Web Link**

<http://www.sbs.ntu.edu.sg/prospective/undergraduate/Curriculum%20and%20Course%20Descriptions/Pages/Major-Core/BS1005.aspx> (NUS)

<https://www.uu.se/en/admissions/master/selma/kursplan/?kKod=3KK014&lasar=>

<https://www.medsci.uu.se/education/courses/course-llabus/?kpid=34117&lasar=&typ=2> (Uppsala University, Sweden)

**Course Outcome**

Learn and maintain the laboratory.

Improve the medical oriented practical techniques.

Knowledge the maintain the sterilization methods of glassware.

.Gain knowledge on medical laboratory facilities.

.Understand the prevention and control of microbial infection.

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semester	Course Code	Title of the Paper	Hours of Teaching / Week	No. of Credits
V	20U5ZOCPS	CORE – PL – CELL BIOLOGY, GENETICS, DEVELOPMENTAL BIOLOGY, EVOLUTION & IMMUNOLOGY	4	4

**Objectives:**

1. To learn the handling of microscope and to observe the cell divisions.
2. To identify the blood groups and Mendelian characters of Man
3. To observe the various hours of chick embryo.
4. To know the evolutionary significance with suitable examples.
5. To identify the primary and secondary lymphoid organs in Rat.

**Cell Biology**

1. Mitosis - Squash preparation of onion root tip.
2. Meiosis - Squash preparation of grasshopper testis.
3. Giant chromosome - Squash preparation of salivary gland of Chironomous larva.

**Genetics**

1. Blood grouping.
2. Drosophila – sex differences – Identification of different mutant.
3. Mendelian traits – tasters and non – tasters, tongue rollers and non-rollers and other common human traits.

**Developmental Biology**

1. Observation of various stages of chick embryo.
2. Observation of early developmental stages of Frog (Metamorphosis).
3. Temporary mounting of the invertebrate larvae (From Plankton Collection).

**Evolution**

Comments on animals of Evolutionary significance (Palaentological evidences).

**Immunology**

Dissection of Lymphoid organs in Rat.

**Reference:**

1. Taylor, R.G.W – Practical Cytology, Academic Press, London.
2. Michael, A. Tribe, Michael, R. Erant and Roger, K. Snook – Electron Microscopy and cell Structure: Basic Biology course, Cambridge University Press, London.
3. Benjamin, H. Willies and Sane, M. Oppenheimer, - Foundations of Experimental Embryology, Eastern Economy Edn.
- Sinha, J. Chatterjee, A.K. P. Chattopadhyay – Advanced Practical Zoology.

**Field work Report:**

A record of lab work and report on field trip (places of evolutionary interest)  
should be maintained and submitted at the time of practical examination for valuation.

Semester	Course Code	Title of the Paper	Hours of Teaching / Week	No. of Credits
VI	20U6ZOCP6	Core – PL – ANIMAL PHYSIOLOGY, ENVIRONMENTAL BIOLOGY AND GENETIC ENGINEERING	6	4

**Objectives:**

1. To learn the estimation of O<sub>2</sub> consumption by fish, Enumeration of RBC and WBC and qualitative tests for nitrogenous excretory products.
2. To know about determination of Urine sugar in Man, demonstration of blood pressure in Man.
3. To study about the dissolved O<sub>2</sub>, CO<sub>2</sub>, salinity, pH in water samples, identification of plankton and animal relationship with suitable examples.
4. To learn the techniques of isolation of DNA, RNA and plasmid, southern blotting and separation of proteins by PAGE Electrophoresis.

**Animal Physiology**

1. Estimation of O<sub>2</sub> consumption in fresh water fish.
2. Total and differential counts of blood cells.
3. Qualitative tests for ammonia, urea and uric acid.
4. Demonstration of blood pressure in Man.
5. Estimation of Biomolecules (glycogen, ,lipid)
6. Separation of lipids (TLC)
7. Separation of amino acids ( Chromatography method)

**Environmental Biology**

1. Measurement of Physico – Chemical parameters in aquatic environment.
  - a. Dissolved Oxygen
  - b. Salinity
  - c. pH (Using pH paper (or) pH meter or Lovibond Comparator).
  - d. Free Carbon –di-oxide, carbonates and bicarbonates.
2. Study of examples illustrating animal associations.
3. Study tour and report.

**Genetic Engineering**

1. Plasmid extraction from *E.coli*
2. Genomic DNA Isolation from animal tissues
3. Enzyme production from *E.coli* (Demonstration)

**Field work Report:** A record of lab work and report on field trip (places of zoological interest) should be maintained and submitted at the time of practical examination for valuation.

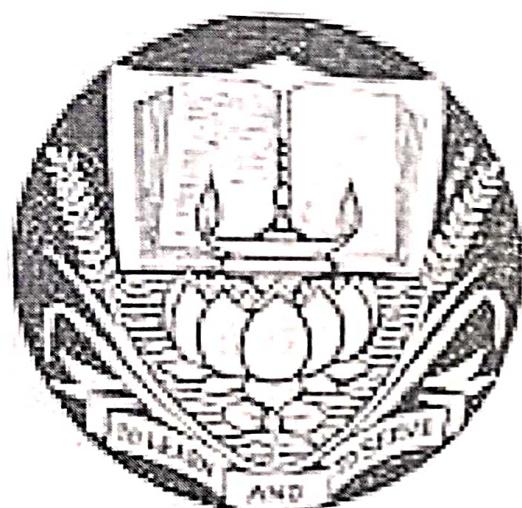
**Mark Details**

Methodology = 20  
Execution = 30

Result = 10  
Total = 60

- reference
1. Okotore, R.O. - Basic Separation technique in Biochemistry.
  2. Sareen - Instrumental methods in Environmental Analysis.
  3. S.C. Rastogi - Experimental Physiology
  4. Olguin - Environmental Biotechnology and Bio cleaner process.

**A.V.V.M. SRI PUSHPAM COLLEGE  
(AUTONOMOUS)**  
**POONDI – 613 503, THANJAVUR DISTRICT**



**M.Sc., BIOTECHNOLOGY**  
**BOARD OF STUDIES MEETING**

**11.06.2022**

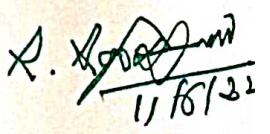
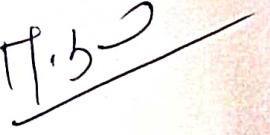
**DEPARTMENT OF BIOTECHNOLOGY**

**A.V.V.M. SRI PUSHPAM COLLEGE (AUTONOMOUS)**  
**POONDI – 613 503, THANJAVUR DISTRICT**

**DEPARTMENT OF BIOTECHNOLOGY**

**MEETING OF THE BOARD OF STUDIES**

**COMPOSITION OF BOARD OF STUDIES - 11.06.2022**

No.	Name	Address	Signature
1.	<b>Dr. R.RAJAKUMAR</b> Associate Professor & Head Department of Zoology and Biotechnology A.V.V.M.Sri Pushpam College (Autonomous), Poondi – 613 503, Thanjavur Dt. Mobile: +91 9842466324	- Chairman	 11/06/22
2.	<b>Dr. S.SIVARAMAKRISHNAN</b> Professor, Department of Biotechnology, Bharathidasan University, Palkalaiperur, Trichirappalli- 620 024. Email: <u>sivaramakrishnan123@gmail.com</u> Mobile: +91 98942 69100	- University Nominee	<b>ABSENT</b>
3.	<b>Dr. P.MARIAPPAN</b> Assistant Professor and Head, Department of Zoology, Rajah Serfoji Govt. Arts College (Autonomous) Thanjavur,– 613 005 Email: <u>maris7@rsgc.ac.in</u> Mobile: +91 9865423322	- Subject Expert	
4.	<b>Dr. M.SRINIVASAN</b> Jaaguaas Biological Private Limited No. 70, Aandaal Cities Mela Vasthachavadi, Maduai Main Road Nanjikottai, Thanjavur – 613005. Email: <u>Mail.jaguaas@gmail.com</u> Mobile: +91 9080934885	- Industrialist	

Members:

1. Dr. P.KAVITHA	- Internal member
2. Dr. B.KALEESWARAN	- Internal member
3. Dr. M.RAMASAMY	- Internal member
4. Dr. B. GOHILA	- Internal member
5. Dr. K. ARUN	- Internal member
6. Dr. S.SUGUNA	- Internal member

P. Kavitha  
B. Kaleeswaran "16/22  
M. Ramasamy "16/22  
B. Gohila "16/22  
K. Arun "16/22  
S. Suguna "16/22

ALUMNI:

1. Ms. G. SHAKILA	- Alumni
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ABSENT

## **MINUTES OF THE BOARD OF STUDIES MEETING - 11.06.2022**

A meeting of the Board of Studies for M.Sc., Biotechnology was held on 11.06.2022 at 10.30 a.m. and the following decisions were taken unanimously after detailed discussions.

**It is resolved that:**

- A value added course **HEAMATOLOGY** shall be introduced in the second semester of M.Sc., Biotechnology.
- A value added course **INDUSTRIAL SCALE FERMENTATION TECHNOLOGY** shall be introduced in the fourth semester of M.Sc., Biotechnology.

**Evaluation Patterns: (Maximum Marks: 100) (5x20=100)**

Question Pattern for PG Value Added Course.

Answer any **FIVE** Questions by choosing at least 2 Questions from section A and B.

- 4 Questions from each Unit.
- All the questions carry equal marks (20)
- The list of Examiners for PG Biotechnology programme is approved.
- Question bank for PG Biotechnology Programme to be prepared and maintained.
- No changes in the syllabus of PG Biotechnology.

Dr. R. RAJAKUMAR  
Chairman

Dr. S. SIVARAMAKRISHNAN  
University Nominee

Dr. P. MARIAPPAN  
Subject expert  
Dr. P. Mariappan  
Asst Prof & Head-Zoology  
Rajah Serfoji Govt College  
Thanjavur 613005

Dr. M.SRINIVASAN  
Industrialist

TA GVA AS Biologics Private Limited  
Thanjavur - 613005,  
9080934885

**Members:**

1. Dr. P.KAVITHA	-	Internal member	- P. Kavitha
2. Dr. B.KALEESWARAN	-	Internal member	- J. Kalai
3. Dr. M.RAMASAMY	-	Internal member	- R. Ramasamy 11/6/22
4. Dr. B. GOHILA	-	Internal member	- B. Gohila 11/6/22
5. Dr. K. ARUN	-	Internal member	- K. Arun 11/6/22
6. Dr. S.SUGUNA	-	Internal member	- S. Suguna 11/6/22

**Alumni:**

1. Ms. G. SHAKILA	-	Alumni	- Absent
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**DEPARTMENT OF BIOTECHNOLOGY**

**PG - PANEL OF EXAMINERS FOR QUESTION PAPER SETTING AND  
VALUATION**

S.No	NAME	ADDRESS
1.	<b>Dr. S.SIVARAMAKRISHNAN</b> Professor and Head	DEPARTMENT OF BIOTECHNOLOGY, BHARATHIDASAN UNIVERSITY, PALKALAI PERUR, TRICHIRAPPALLI- 620 024. Email: <a href="mailto:sivaramakrishnan123@gmail.com">sivaramakrishnan123@gmail.com</a> MOBILE: +91 98942 69100
2.	<b>Dr.M.MUTHUSELVAM</b> Associate Professor	DEPARTMENT OF BIOTECHNOLOGY BHARATHIDASAN UNIVERSITY TIRUCHIRAPPALLI – 620 024 TAMIL NADU, INDIA. MOBILE: 9944883674 EMAIL: <a href="mailto:Muthuselvam@bdu.ac.in">Muthuselvam@bdu.ac.in</a>
3.	<b>Dr. MOHAMED ISMAIL. A</b> Associate Professor and Head	DEPARTMENT OF BIOTECHNOLOGY EGS PILLAY COLLEGE OF ARTS AND SCIENCE(A), NAGAPATTINAM MOBILE: 9442986846, 9940886092
4.	<b>Dr. N.CHANDRAKALA</b> Associate Prof and Head	PG AND RESEARCH DEPARTMENT OF ZOOLOGY K.N.GOVT. ARTS COLLEGE FOR WOMEN (AUTONOMOUS), THANJAVUR. MOBILE: 9790378977
5.	<b>Dr. P.MARIAPPAN</b> Assistant Professor and Head	DEPARTMENT OF ZOOLOGY, RAJAH SERFOJI GOVT. ARTS COLLEGE (AUTONOMOUS) THANJAVUR,– 613 005 EMAIL: <a href="mailto:maris7@rsgc.ac.in">maris7@rsgc.ac.in</a> MOBILE: +91 9865423322
6.	<b>Dr.K.RAMESHKUMAR</b> Assistant Professor	DEPARTMENT OF ZOOLOGY, RAJAH SERFOJI GOVT. ARTS COLLEGE (AUTONOMOUS) THANJAVUR,– 613 005 MOBILE : 9842970091
7.	<b>G.MANIKANDAN</b> Assistant Professor and Head	DEPARTMENT OF BIOTECHNOLOGY, J.J. COLLEGE OF ARTS AND SCIENCE(A), PUDUKOTTAI. MOBILE: 9715274432
8.	<b>Dr.J.NESARAJAN</b> Assistant Professor	DEPARTMENT OF BIOTECHNOLOGY BISHOP HEBER COLLEGE(AUTONOMOUS), TRICHY

9.	<b>Dr.S. KARPAGAM</b> Assistant Professor and Head	DEPARTMENT OF BIOTECHNOLOGY GOVT. ARTS COLLEGE FOR WOMEN ORATHANADU. MOBILE: 9715995004
10	<b>Dr. RAJAKUMAR. R</b> Assistant Professor and Head,	DEPARTMENT OF BIOTECHNOLOGY MARUDHUPANDIYAR COLLEGE, VALLAM, MOBILE: 9080986713
11	<b>Dr.P.MURUGANANTHAM,</b> Assistant Professor and Head,	DEPARTMENT OF BIOTECHNOLOGY BHARATH COLLEGE OF SCIENCE AND MANAGEMENT, THANJAVUR – 5, Mobile: 9894242724
12	<b>JAWAHAR .S</b> Assistant Professor	DEPARTMENT OF BIOTECHNOLOGY EGS PILLAY COLLEGE OF ARTS AND SCIENCE (A), NAGAPATTINAM MOBILE: 9043865052
13	<b>Dr.T.M.M. JOHN BASTIN</b> Assistant Professor	DEPARTMENT OF BIOTECHNOLOGY THANTHAI HANS ROEVER COLLEGE (A), PERAMPALUR. MOBILE: 9994064531

X.   
11/16/22

ABSENT

  
**Dr. P. Marlappan**  
Asst Prof & Head-Zoology  
Rajah Serfoji Govt College  
Thanjavur 613005

**A.V.V.M Sri Pushpam College (Autonomous), Poondi-613 503**  
**Department of Computer Science**  
**Minutes of Board of Studies Meeting**  
**11/06/2022**

The Board met on 11.06.2022 at 11.00 am. The following agenda have passed with the approval of the following Professors (Subject Expert, Industrial Expert).

1. It is resolved to ratify and discuss about value added course that were introduced in the even semester during the year 2021-2022

2. It is resolved to introduce IoT Lab for III B.Sc CS (V Semester) in forthcoming Academic year for your kind approval the list has been enclosed and discussed.

3. The Board members deliberately discussed the feedback of Stakeholder such as Students, Teacher, Alumni and Employees. To introduce LOCF in the Academic year 2023-2024

4. Syllabus for newly introduced value added courses

- III UG – Multimedia Technologies
- I PG – Cloud Solution Architecture
- II PG – Cyber Security

**1. Dr.V.Maniraj**

Chairman

**2. Dr.G.Gopinath**

Professor & Head,  
Department of Computer Science,  
Bharathidasan University,  
Triuchirappalli - 620024  
9842407008

University Nominee

**3. Dr. H. Karamath Ali,**

Associate Professor,  
Department of Computer Science,  
Periyar E.V.R. College (Autonomous),  
Tiruchirappalli – 620023  
94436 28962

Subject Expert

**4. Dr.K.Palanivel,**

Associate Professor of Computer Science,  
A.V.C College (Autonomous),  
Mannampandal,  
Mayiladuthurai-609305  
94435 01690

Subject Expert

**5. Mr.J.Bhaskar**

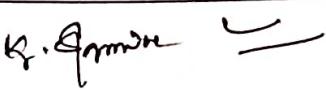
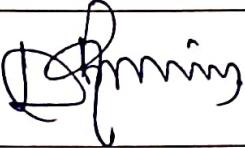
Senior Delivery Manager,  
IBM, Bangalore  
09980913861

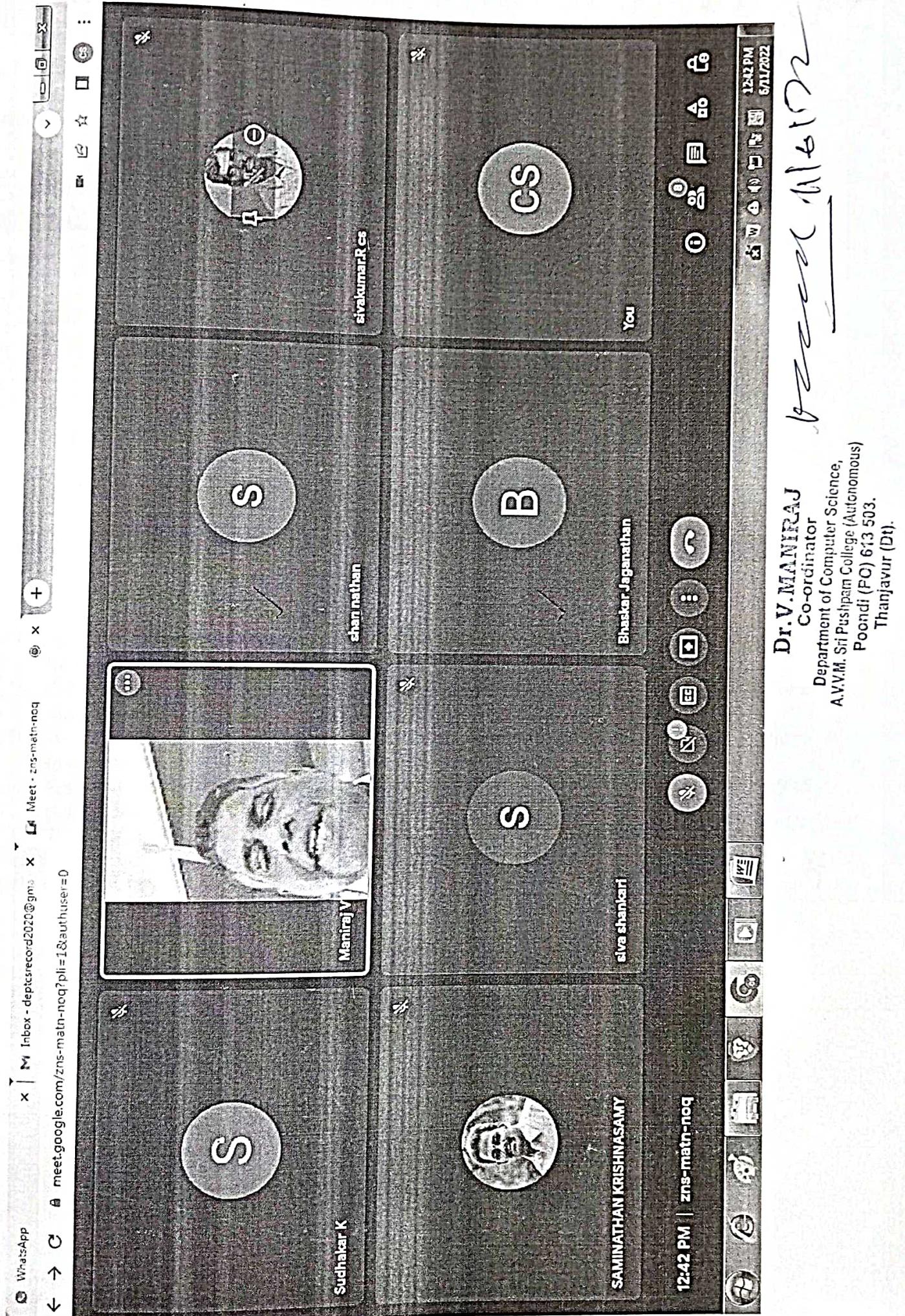
Industry Expert

<b>6. Mr.N.Shanmughanathan</b> Joint Director, CADC, Bangalore 9481423302	Expert from R&D
<b>7. Dr.S.Kumaravel</b>	Internal Member
<b>8. Dr.T.Chakravarthy</b>	Internal Member
<b>9. Dr.R.Subash Chandra Bose</b>	Internal Member
<b>10. Dr.P.R.Sivakumar</b>	Internal Member
<b>11. Dr.T.S.Baskaran</b>	Internal Member
<b>12. Dr.R.K.Saminathan</b>	Internal Member
<b>13. Mrs.S.Sivashankari</b>	Internal Member
<b>14. Dr.K.Sudhakar</b>	Internal Member
<b>15. Dr.D.Ragupathi</b>	Internal Member
<b>16. Dr.A.B.Karthik Anand Babu</b> Assistant Professor of Computer Science, Tamil University, Thanjavur 9443716281	Alumni

**A.V.V.M Sri Pushpam College (Autonomous), Poondi-613 503**  
**Department of Computer Science**  
**Board of Studies**  
**Attendance Statement**

Sl.no	Name & Designation	Signature
1.	<b>Dr.V.Maniraj</b> Chairman	
2.	<b>Dr.G.Gopinath,</b> University Nominee Professor & Head, Department of Computer Science, Bharathidasan University, Tiruchirappalli - 620024 9842407008	—
3.	<b>Dr. H. Karamath Ali,</b> Associate Professor, Department of Computer Science, Periyar E.V.R. College (Autonomous), Tiruchirappalli – 620023 9443628962	—
4.	<b>Dr.K.Palanivel,</b> Associate Professor of Computer Science, A.V.C College (Autonomous), Mannampandal, Mayiladuthurai-609305 9443501690	 Paid 
5.	<b>Mr.J.Bhaskar</b> Industry Expert Senior Delivery Manager, IBM,Bangalore 09980913861	Online
6.	<b>Mr.N.Shanmughanathan</b> Expert from R&D Joint Director, CADC,Bangalore 9481423302	Online
7.	<b>Dr.S.Kumaravel</b> Internal Member	
8.	<b>Dr.T.Chakravarthy</b> Internal Member	
9.	<b>Dr.R.Subash Chandra Bose</b> Internal Member	

10.	Dr.P.R.Sivakumar Internal Member	
11.	Dr.T.S.Baskaran Internal Member	
12.	Dr.R.K.Saminathan Internal Member	
13.	Mrs.S.Sivashankari Internal Member	
14.	Dr.K.Sudhakar Internal Member	
15.	Dr.D.Ragupathi Internal Member	
16.	Dr.A.B.Karthik Anand Babu Alumni Assistant Professor of Computer Science, Tamil University, Thanjavur. 9443716281	



Semester	Subject code	Title of the course	Hours of Teaching / Week	No.of Credits
V	20U5CSCP5	<b>Software Lab -V</b> Distributed Programming using .net & IoT Lab	3	3

## Objectives:

- To develop an application using C#, ADO.net and ASP.net
  - To develop the fundamentals of Internet of Things.

.NET Lab

1. Working with call backs and delegates in C#
  2. Code access security with C#.
  3. Creating a Windows Service with C#
  4. Interacting with a Windows Service with C#
  5. Using Reflection in C#
  6. Sending Mail and SMTP Mail and C#
  7. Perform String Manipulation with the String Builder and String Classes and C#:
  8. Using the System .Net Web Client to Retrieve or Upload Data with C#
  9. Reader/Writer Class and C#
  10. Working with Page and forms using ASP .Net.
  11. Data Sources access through ADO.Net,
  12. Working with Data readers , Transactions

IoT Lab

1. Write an Internet of Things with Arduino program using LED & resistor Blinking LED.
  2. Write an Arduino program find the working of a touch sensor is similar to that of a simple switch.
  3. Write an IoT program using temperature sensor is a device which is designed specifically to measure the hotness or coldness of an object.
  4. Write an Arduino program using IR sensor remote, measure the heat of an object as well as detects the motion.
  5. Write an Arduino program using DC motor, the rotor is a permanent magnet.

## **Course Outcomes:**

On completion of the course, the student will be able to:

- Develop the .NET and Java framework.
  - Create applications using various data providers.
  - Create web application using ASP.NET.
  - Create mobile application using .NET compact framework.
  - Design a portable IOT using Arduino/ equivalent boards and relevant protocols.
  - Deploy an IOT application and connect to the cloud.
  - Analyze applications of IOT in real time scenario.

Dr.  
**ILANIVEL**, M.Sc., M.Phil., Ph.D. ~~NIT~~  
e Professor of Computer Sciences  
V.C. College (Autonomous)  
aduthurai-609 305. Tamilnadu.  
11690 / 10-1-2010

# A.V.V.M Sri Pushpam College (Autonomous), Poondi

## Department of Computer Science

III UG - B.Sc CS / BCA

### Value Added Course - MULTIMEDIA TECHNOLOGIES

#### Objective

- To know about design principles of multimedia system.

#### Unit I

Hrs 12

Multimedia Overview: Introduction, Multimedia presentation and production, characteristics of a multimedia presentation, Multiple media, Utilities of multisensory perception, Hardware and software requirements, Uses of multimedia, Promotion of multimedia based contents, steps for creating multimedia presentation. Visual Display Systems: Introduction, cathode Ray Tube (CRT), Video Adapter Card, Video Adapter cable, Liquid Crystal Display (LCD), Plasma Display Panel (PDP).

#### Unit II

Hrs 12

Text: Introduction, Types of Text, Unicode Standard, Font, Insertion of Text, Text compression, File Formats. Image: Introduction, Image Types, Seeing colors, color models, Basic steps for Image processing, Scanner, Digital camera, Interface Standards, Image processing software, File formats, Image output on monitor, Image output on printer.

#### OUTCOMES:

##### Students should be able to understand:

- Communicate clearly and concisely, visually, verbally and in writing, using techniques appropriate for the intended audience.
- Demonstrate knowledge of discipline-specific skills and vocabulary.
- Interpret the ethical, legal, and social impacts of various modes of media delivery and consumption in a wider societal and global context.
- Participate as a team member to make collaborative decisions toward shared objectives with civility and interpersonal skills.

#### References:

##### Text Book:

**Principles of Multimedia** by Ranjan Parekh- the Tata McGraw Hill companies, Sixth Reprint 2008.

##### Chapters:

UNIT I: Chapter 1-1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9

Chapter 3-3.1, 3.2, 3.3, 3.4, 3.5, 3.6

UNIT II: Chapter 4-4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7

Chapter 5-5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.13, 5.14, 5.15, 5.16

*Palani*

*Teach*

**Dr.V.MANIRAJ**  
Co-ordinator

**ANIVEL, M.Sc., M.Phil., Ph.D., Hr.** Department of Computer Science,  
**Professor of Computer Science** A.V.V.M. Sri Pushpam College (Autonomous)  
**College (Autonomous)** Poondi (PO) 613 503.  
Jithurai-609 305, TamilNadu.  
90 / palani.avcc@gmail.com

**A.V.V.M Sri Pushpam College (Autonomous), Poondi**  
**Department of Computer Science**  
**U.PG - M.Sc CS / MCA**

**Value Added Course - Cloud Solution Architecture**

**OBJECTIVES:**

- To understand the concept of cloud computing.
- To appreciate the evolution of cloud from the existing technologies.
- To have knowledge on the various issues in cloud computing.
- To be familiar with the lead players in cloud.
- To appreciate the emergence of cloud as the next generation computing paradigm.

**UNIT I INTRODUCTION**

Introduction to Cloud Computing – Definition of Cloud – Evolution of Cloud Computing – Underlying Principles of Parallel and Distributed Computing – Cloud Characteristics – Elasticity in Cloud – On-demand Provisioning- Service Oriented Architecture – REST and Systems of Systems – Web Services – Publish- Subscribe Model – Basics of Virtualization – Types of Virtualization – Implementation Levels of Virtualization – Virtualization Structures – Tools and Mechanisms – Virtualization of CPU – Memory – I/O Devices –Virtualization Support and Disaster Recovery.

**UNIT II**

Layered Cloud Architecture Design – NIST Cloud Computing Reference Architecture – Public, Private and Hybrid Clouds - IaaS – PaaS – SaaS – Architectural Design Challenges – Cloud Storage – Storage-as-a-Service – Advantages of Cloud Storage – Cloud Storage Providers – S3.

Inter Cloud Resource Management – Resource Provisioning and Resource Provisioning Methods – Global Exchange of Cloud Resources – Security Overview – Cloud Security Challenges – Software-as-a-Service Security – Security Governance – Virtual Machine Security – IAM – Security Standards.

**OUTCOMES:**

On Completion of the course, the students should be able to:

- Articulate the main concepts, key technologies, strengths and limitations of cloud computing.
- Learn the key and enabling technologies that help in the development of cloud.
- Develop the ability to understand and use the architecture of compute and storage cloud, service and delivery models.
- Explain the core issues of cloud computing such as resource management and security.
- Be able to install and use current cloud technologies.
- Evaluate and choose the appropriate technologies, algorithms and approaches for implementation and use of cloud.

1

Dr. V. MANIRAJ  
Co-ordinator

Department of Computer Science,  
A.V.V.M. Sri Pushpam College (Autonomous)  
Poondi (PO) 613 503.  
Thanjavur (Dt).

## TEXT BOOKS:

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**Department of Computer Science**

**II PG - M.Sc CS / MCA**

**Value Added Course - CYBER SECURITY**

**OBJECTIVES:**

- Focusing on cyber threats and cyber security, provides the much needed awareness in the times of growing cybercrime episodes.
- Cyber security to help readers understand the implications of cybercrime.
- Awareness created through simple practical tips and tricks, educates readers to learn how to avoid becoming victims of cybercrime.

**UNIT I**

Introduction - Computer Security - Threats - Harm - Vulnerabilities - Controls – Authenticate Access Control and Cryptography – Web- User Side - Browser Attacks - Web Atta Targeting Users - Obtaining User or Website Data - Email Attacks.

Security in Operating Systems - Security in the Design of Operating Systems -Root kit - Network security attack- Threats to Network Communications - Wireless Network Security - Denial of Service - Distributed Denial-of-Service.

**UNIT II**

Case Study

Attacks and Prevention

Malware Bytes - Phising Emails - Password attacks – Ddos – MITM - Fake sites - Packet flooding – Malvertising - Drive by Download-Preventions - Suspicious Links - Firewall updation - OS Updation - Phising awareness - fake mail address - password updation -Traffic analysis - recovery management - encrypted WAP - security connection (HSTS/HTTPS) – adbloker - Antivirus.

*Palani*  
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## OUTCOMES:

### Students should be able to understand:

- The difference between threat, risk, attack and vulnerability.
- How threats materialize into attacks.
- Where to find information about threats, vulnerabilities and attacks.
- Typical threats, attacks and exploits and the motivations behind them.

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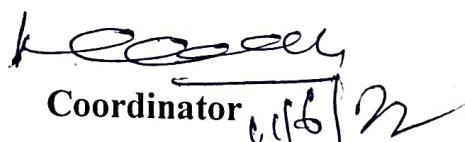
10	<b>Prof. V.Suganya,</b> Assistant Professor of Computer Science, Sengamala Thayaar Educational Trust Women's College(Autonomous), Mannargudi.	70943 66397
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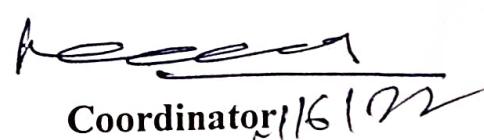
  
 Coordinator 01/6/22

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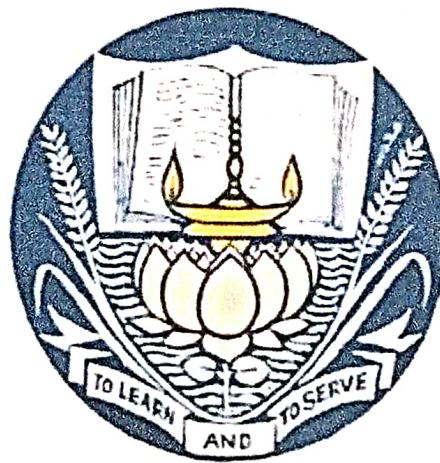
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Coordinator/16172

**A.VEERIYA VANDAYAR MEMORIAL**  
**SRI PUSHPAM COLLEGE (AUTONOMOUS) POONDI,**  
**THANJAVUR DISTRICT.**

**BOARD OF STUDIES MEETING**  
**ON**  
**11-06-2022**



**DEPARTMENT OF PHYSICAL EDUCATION  
HEALTH EDUCATION AND SPORTS**



**A.V.V.M Sri Pushpam College (Autonomous)**  
**Poondi - 613 503, Thanjavur - District.**

**Department of Physical Education, Health Education and Sports.**

The following External and Internal BOS Members have attended the BOS meeting scheduled on 11.06.2022 (Saturday), 11.00 am, held at Department of Physical Education, Health Education and Sports.

S.No	Name	Designation	Role
1.	Dr. M. Madanmohan	Associate Professor & Head Department of Physical Education, Health Education and Sports, A.V.V.M. Sri Pushpam College, (Autonomous), Poondi - 613 503.	Chairman
2. <input checked="" type="checkbox"/>	Dr. R. Kalidasan	Professor & Head Department of Physical Education & Yoga, Bharathidasan University, Trichirappalli - 620 024.	University Nominee
3. <input checked="" type="checkbox"/>	Dr. A. Palanisamy	Professor Department of Physical Education & Yoga, Bharathidasan University, Tiruchirappalli – 620 024.	Subject Expert
4. <input checked="" type="checkbox"/>	Dr. V. Vijay Anand	Director of Physical Education, Marudupandiyan College of Arts and Science, Thanjavur – 613 403.	Alumnus
5.	Dr. M. S. Muthuramalingam	Associate Professor Department of Physical Education, Health Education and Sports, A.V.V.M. Sri Pushpam College, (Autonomous), Poondi - 613 503.	Member
6.	Dr. S. Dharakeswari	Assistant Professor Department of Physical Education, Health Education and Sports, A.V.V.M. Sri Pushpam College, (Autonomous), Poondi - 613 503.	Member
7.	Dr. D. Suresh	Assistant Professor Department of Physical Education, Health Education and Sports, A.V.V.M. Sri Pushpam College, (Autonomous), Poondi - 613 503.	Member
8.	Dr. E. Ravichandran	Assistant Professor Department of Physical Education, Health Education and Sports, A.V.V.M. Sri Pushpam College, (Autonomous), Poondi - 613 503.	Member

## **Agenda of the Meeting:**

1. To Discuss regarding Feedback on curriculum - analysis report by IQAC.
2. To Discuss and approve the syllabus of newly introduced value added courses – Fitness Trainer.
3. Any other matter with the permission of the Chair.

## **Minutes of the Board of Studies**

The Chairman, Dr. M. MadanMohan, Associate professor & Head, Department of Physical Education, Health Education and Sports, welcomed all the members present and briefed them about the agenda.

The members had a brainstorming discussion and interaction among themselves regarding the feedback of students, alumni, employers, faculty and parents. After the discussion, fruitful suggestions were incorporated to add job oriented value added course Fitness Trainer. After the deliberations the board recommended the following resolutions have been passed.

It is resolved that

- Resolved to add Fitness Trainer course as Value added course for the UG third year students of 2020 -2021 batch onwards.
- Resolved to recommend the syllabus of Fitness Trainer course. (Annexure – I)

The meeting was concluded with vote of thanks by Chairman BOS to all BOS Members.

### **Signature of the Members Present**

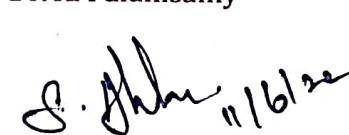
  
Dr. M. MadanMohan 11/6/22

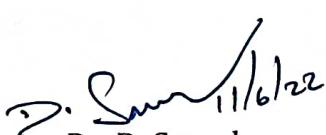
  
Dr. R. Kalidasan 11/6/22

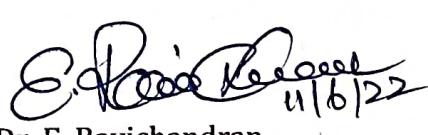
  
Dr. A. Palanisamy 11/6/22

  
Dr. M. S. Muthuramalingam 11/6/22

  
Dr. V. Vijayanand 11/6/22

  
Dr. S. Dharakeshwari 11/6/22

  
Dr. D. Suresh 11/6/22

  
Dr. E. Ravichandran 11/6/22

  
Signature of the Chairman 11/6/22

### Annexure - I

Course Code	Title of the Course	Hours of Teaching
20UVACPE1	Fitness Trainer	30

#### **Unit - 1**

Introduction to Strength Training and Conditioning Training, Definition - Physical Fitness – Health Fitness, Type of Fitness - Health Related Fitness components - Muscular Strength, muscular Endurance, Cardiovascular endurance, flexibility and Body Composition - Skill Related Fitness components - Power, Speed, Agility, Flexibility, Balance and Coordination, Reaction time - resistance training, Variables & terminologies of resistance Training - Muscle action, Concentric, Eccentric, Isometric, Repetition, Sets, Volume, Intensity, Density, Frequency, Exercise Order, Intervals/Rest Period, Rep Velocity/Tempo - Weight Training – Bodybuilding – Weightlifting – Power lifting.

#### **Unit - II**

Resistance Training Equipment and Safety- Modalities and Equipments - Body weight, Free Weights, Machines, Medicine Balls, Stability Balls, Bosu Balls, Balance Devices, Elastic Bands, Tubes, Chains, Springs - Free weights – Multi Gym, Lower Body Exercises -Squat, Dead lift, Lunge, Step- up, Leg Press, Push Press, Front Squat, Overhead Squat, Hamstring Curls, Calf raises - Upper Body exercises - Push-Up, Pull-Up / Chin-Up, Dips, Bench Press, Shoulder Press, Row, Lateral Pull down, Cable crossover, Tricep Pull down, Bicep Curls, Tricep Extension, - Core exercises - Plank, Crunches, Spinal Extension.

#### **General References:**

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2. Hardayal Singh (1995) "Science of sports Training" D.V.S. Publication, New Delhi.
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