

J.J.COLLEGE OF ARTS AND SCIENCE (Autonomous)

(Re-Accredited by NAAC with B++ Grade – Fourth Cycle)

(Affiliated to Bharathidasan University)

Sivapuram Post, Pudukkottai

DEPARTMENT OF COMPUTER APPLICATIONS

BOARD OF STUDIES IN COMPUTER APPLICATIONS

AGENDA

Date : 17.04.2025

Time : 11.30 a.m.

Meeting No. : 12

Venue: Dept. of Comp. Appls, J.J.C.

1. Prayer

1. Welcome Address & Outline of the meeting - Chairman

2. Self-Introduction of the Members

3. Presenting the Resolutions - Chairman

4. Discussion & Suggestions by the members

5. Passing of the finalized Resolutions

6. Vote of Thanks - Ms.A.Maria Stella

7. National Anthem

DEPARTMENT OF COMPUTER APPLICATIONS

MINUTES OF BOARD OF STUDIES IN COMPUTER APPLICATIONS

Members

- | | | | |
|----|---|---|-----------------------|
| 1. | Dr.S.J.Sathish Aaron Joseph M.Sc.,P.G.D.E-Com.,M.Phil.,B.Ed.,Ph.D.
Head, Department of Computer Applications
J.J.College of Arts and Science (Autonomous), Pudukkottai | - | Chairman |
| 2. | Dr.E.George Dharma Prakash Raj M.Sc.,M.Phil.,Ph.D.
Professor and Chair
School of Computer Science, Engineering and Applications
Bharathidasan University, Khajamalai Campus, Tiruchirappalli – 620 023.
Mobile: 94431 91790. E-Mail: georgeprakashraj@bdu.ac.in | - | Univ. Nominee |
| 3. | Dr.S.Santhosh Kumar, M.Sc., M.Phil..M.Tech., Ph.D.
Assistant Professor, Department of Computer Applications
Alagappa University, Karaikudi – 630 003.
Mobile: 98424 08776. E-Mail: santhoshkumars@alagappauniversity.ac.in | — | Subject Expert |
| 4. | Dr.P.Prabhu, M.C.A.,P.G.D.B.A.,M.Phil.,Ph.D.
Associate Professor, Centre for Distance and Online Education
Alagappa University, Karaikudi – 630 003.
Mobile: 98418 98894. E-Mail: prabhup@alagappauniversity.ac.in | - | Subject Expert |
| 5. | Mr.S.Anthonisamy M.C.A.,M.Phil.M.Sc.,B.Ed.
Assistant Professor, Dept. of Comp. Appls.
J.J.College of Arts and Science (Autonomous), Pudukkottai | - | Faculty Member |
| 6. | Ms.A.Maria Stella M.Sc.,M.Phil.,SET.
Assistant Professor, Dept. of Comp. Appls.
J.J.College of Arts and Science (Autonomous), Pudukkottai. | - | Faculty Member |
| 7. | Dr.K.Selvan M.C.A.,M.Phil.,Ph.D.,SET.
Assistant Professor, Dept. of Comp. Appls.
J.J.College of Arts and Science (Autonomous), Pudukkottai. | - | Faculty Member |

8. Dr.N.Balajiraja M.C.A.,M.Phil.,Ph.D. - **Faculty Member**
Assistant Professor, Dept. of Comp. Appls.
J.J.College of Arts and Science (Autonomous), Pudukkottai.
9. Mr.R.Muthukumar (Reg. No: 11283470) M.C.A. - **Corporate Member**
Technical Architect Optum (EMIS)
Unit No.A1 Level 3
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No.16 G.S.T. Road, Perungalathur, Chennai.
Mobile: 90800 75113 **E-Mail:** mail.muthukumarr@gmail.com
10. Mr.D.Vasantha Surya (Reg. No: P22CA2059) - **Alumnus**
Junior Software Developer
Techmind InfoTech, Computer Education and Project Training Centre
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Resolutions of the BOS in Computer Applications

The **Twelfth Board of Studies Meeting** of the Department of **COMPUTER APPLICATIONS** was held on **17.04.2025 at 11.30 a.m.** in the Department.

The following resolutions were proposed, discussed, finalized and passed in the Board of studies meeting of Computer Applications pertaining to the approval from the Academic Council of the college.

Resolutions:

1. Resolved to introduce a Course titled **“Health and Wellness”- U3R3HW** (Under Part- V) in the third semester of the U.G Programme for students admitted from the Academic Year 2024-2025 in keeping with the instructions from the Parent University. (Vide. Letter from the Registrar i/c No.692/CCCD/BDU/C-1/2024, dated 30.12.2024). The Syllabus will be as indicated by TANSCHÉ and the evaluation would be as follows, **with No Formal Examination.**

Activities (Observation during Practice) : 40 Marks

Attendance : 20 Marks

Report : 40 Marks

The weightage for this course will be **01 Credit with 02 teaching hours per week.**

2. Resolved to review the **existing Curricula (R3)** and Courses and make changes wherever necessary in the light of stake holder's feedback. As the feedback is positive, we have not made any changes to the existing Curricula apart from the inclusion of the Course mentioned in the Resolution No: 01

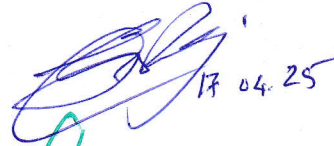
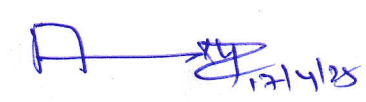
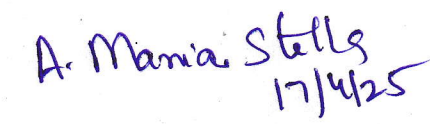
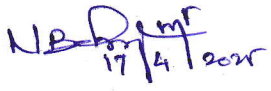
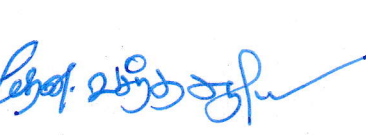
3. It is resolved to motivate the B.C.A and M.C.A. Students to do concurrent Courses under SWAYAM / MOOCS.

4. It is resolved to continue with the Value Added Courses offered by the Department with modifications, wherever necessary.

5. Motivate the B.C.A. Students to do the Internship in reputed concerns as mentioned in the Curriculum.

6. Resolved to use the concept of “**Indian Knowledge System**” within the Curricula wherever applicable.

SIGNATURE OF THE MEMBERS:

1.  - Dr.S.J.Sathish Aaron Joseph - (Chairman)
2.  - Dr.E.George Dharma Prakash Raj - (Univ. Nominee)
3.  - Dr.S.Santhosh kumar - (Subject Expert)
4.  - Dr.P.Prabhu - (Subject Expert)
5.  - Mr.S.Anthonisamy - (Faculty Member)
6.  - Ms.A.Maria Stella - (Faculty Member)
7.  - Dr.K.Selvan - (Faculty Member)
8.  - Dr.N.Balajiraja - (Faculty Member)
9.  - Mr.R.Muthukumar - (Corporate Member)
10.  - Mr.D.Vasantha Surya - (Alumnus)

B.C.A. (For the Students admitted during the Academic year 2023 - 24)

(Based on U.G.C. - LOCF and TANSCHÉ – CBCS)

SEMESTER – I									
Sl. No.	Part	Course code	Title of the Course	Hrs / Week	Credits	Exam Hours	Marks		Total
							CIA	ESE	
1	I	U1R3TL1/HL1/FL1	Language – I (Tamil/Hindi/French)	6	3	3	25	75	100
2	II	U1R3EL1	Language – II (English)	6	3	3	25	75	100
	III	U1R3CACC1	Python Programming	5	5	3	25	75	100
		U1R3CACC2P	Python Programming Practical	5	5	3	40	60	100
		U1R3CADSE1:1 / 1:2/1:3	1:1 Discrete Mathematics – I 1:2 Statistical methods and its applications – I 1:3 Numerical methods	4	3	3	25	75	100
	IV	U1R3MASEC1	1.Quantitative aptitude – I	2	2	3	25	75	100
		U1R3CAFC	Structured Programming Language in C	2	2	3	25	75	100
Total				30	23				700
SEMESTER – II									
Sl. No	Part	Course Code	Title of the Course	Hrs / Week	Credits	Exam Hours	Marks		
							CIA	ESE	Total
1	I	U2R3TL2/HL2/FL2	Language – I (Tamil/Hindi/French)	6	3	3	25	75	100
2	II	U2R3EL2	Language – II (English)	6	3	3	25	75	100
3	III	U2R3CACC3	Object Oriented Programming concepts using C++	5	5	3	25	75	100
4		U2R3CACC4P	C++ Programming Practical	5	5	3	40	60	100
5		U2R3CADSE2:1/ 2:2 / 2:3	2:1 Discrete Mathematics – II 2:2 Statistical methods and its Applications-II 2:3 Graph theory and its Applications	4	3	3	25	75	100

4	IV	U2R3CASEC2 (NME2)	2:1 Managerial Skill Development 2:2 Quantitative Aptitude-II	2	2	3	25	75	100
		U2R3CASEC 3:1 / 3:2	3:1 Fundamentals of Information Technology 3:2 Understanding Internet	2	2	3	25	75	100
			Total	30	23				700

SEMESTER – III

Sl. No	Part	CourseCode	Title of the Course	Hrs / Week	Credits	Exam Hours	Marks		
							CIA	ESE	Total
1	I	U3R3TL3 / HL3 / FL3	Language – I (Tamil/Hindi/French)	4	3	3	25	75	100
2	II	U3R3EL3	Language – II (English)	4	3	3	25	75	100
3	III	U3R3CACC5	Relational Database Mgmt System	6	5	3	25	75	100
		U3R3CACC6P	SQL and PL/SQL Practical	5	5	3	40	60	100
		U3R3CADSE 3:1 / 3:2	3:1 Organizational Behavior 3:2 Financial Accounting	4	3	3	25	75	100
4	IV	U3R3VE	Value Education	2	2	3	25	75	100
		U3R3CASEC 4:1 / 4:2	4:1 Data Structures and Algorithms 4:2 Data mining and Warehousing	3	2	3	25	75	100
5	V	U3R3HW	Health and Wellness	2	1	-	-	-	100
			Total	30	24				800

SEMESTER – IV

Sl.No	Part	CourseCode	Title of the Course	Hrs / Week	Credits	Exam Hours	Marks		
							CIA	ESE	Total
1	I	U4R3TL4 / HL4 / FL4	Language – I (Tamil/Hindi/French)	5	3	3	25	75	100
2	II	U4R3EL4	Language– II (English)	5	3	3	25	75	100

3	III	U4R3CACC7	Programming in Java	5	5	3	25	75	100
4		U4R3CACC8P	Programming in Java Practical	5	5	3	40	60	100
5		U4R3CADSE4:1 / 4:2	4:1 Human Computer Interaction 4:2 Natural Language Processing	3	3	3	25	75	100
6	IV	U4R3CASEC5:1 / 5:2	5:1 Multimedia Systems 5:2 Enterprise Resource Planning	2	2	3	25	75	100
7		U4R3CASEC6:1 / 6:2	6:1 Web Design 6:2 Introduction to HTML	3	2	3	25	75	100
8		U4R3EVS	Environmental Studies	2	2	3	25	75	100
			Total	30	25				800

SEMESTER – V

Sl. No	Part	Course Code	Title of the Course	Hrs / Week	Credits	Exam Hours	Marks		
							CIA	ESE	Total
1	I	U5R3CACC9	Operating Systems	5	5	3	25	75	100
2	II	U5R3CACC10	Computer Networks	5	4	3	25	75	100
3	III	U5R3CACC11	ASP.NET Programming	5	4	3	25	75	100
4		U5R3CACC12P	ASP.NET Programming Practical	5	4	3	40	60	100
5		U5R3CADSE 5:1/ 5:2	5:1 Software Engineering 5:2 Software Project Management	5	3	3	25	75	100
6		U5R3CADSE 6:1/ 6:2	6:1 Internet of Things 6:2 Mobile Computing	5	3	3	25	75	100
7	IV	U5R3CAINT	Internship* Semester –IV Summer Vacation	-	2	-	-	100	100
			Total	30	25				700

SEMESTER – VI

Sl.No	Part	Course Code	Title of the Course	Hrs / Week	Credits	Exam Hours	Marks		
							CIA	ESE	Total
1	I	U6R3CACC13	Web Technology	5	4	3	25	75	100
2	II	U6R3CACC14P	Web Technology Practical	5	4	3	40	60	100
3	III	U6R3CACC15PW	Software Application Project	5	4	3	-	100	100
4		U6R3CADSE7:1 / 7:2	7:1 Artificial Intelligence 7:2 Cloud Computing	5	3	3	25	75	100
5		U6R3CADSE8:1 / 8:2	8:1 Internet Programming 8:2 E-Commerce Technologies	5	3	3	2 5	7 5	100
6		U6R3CASEC7:1 / 7:2	7:1 Software Testing 7:2 Wireless Network	3	2	3	2 5	7 5	100
7		U6R3GS	Gender Studies	2	1	3	2 5	7 5	100
8			Extension Activity	-	1	-			
			Total	30	2 2				700
		Grand Total	44 – Courses		142				4400