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Minutes for the twelfth meeting of the Board of Studies in Department of Computer Science & I.T. held on 19ᵗʰ February '18 at Meeting Room at the ICG Campus, The IIS University, Jaipur

The following members were present:

S. No.	Name	Designation
1.	**Prof. Pradeep Bhatnagar** Dean, Faculty of Science, The IIS University, Jaipur	Chairperson
2.	**Prof. Kawaljeet Singh** Director University Computer Centre Punjabi University Patiala, Punjab	External Member (Academician)
3.	**Mr. Bidhu Bhusan Sahoo** Senior UI Developer Metacube Software Pvt. Ltd. Jaipur	Special Invitee
4.	Prof. Swati V. Chande	Member
5.	Dr. Anubha Jain	Member
6.	Dr. Ruchi Nanda	Member
7.	Dr. Neha Tiwari	Member
8.	Dr. Shveta Parnami	Member
9.	Dr. Deepshikha Bhatia	Member
10.	Ms. Priyanka Verma	Member
11.	Dr. Geetika Vyas	Member
12.	Mr. Rajneesh Chaturvedi	Member
13.	Ms. Priyanka Sogani	Member
14.	Ms. Harshita Bhargava	Member
15.	Mr. Peeyush Pareek	Member
16.	Dr. Amita Sharma	Member
17.	Ms. Priyanka Mathur	Member

18.	Ms. Angana Datta	Member
19.	Mr. Jitendra Sharma	Member
20.	Dr. Vijay Gupta	Special Invitee
21.	Ms. Preeti Tiwari	Special Invitee
22.	Dr. Monika Rathore	Special Invitee
23.	Ms. Manju Lata Joshi	Special Invitee
24.	Dr. Navneet Sharma	Convener

Following members could not attend the meeting:

1.	**Prof. R.K.Singla** Head School of Comp. Sc. Punjab University Chandigarh	External Member (Academician)
2.	**Mr. Keshav Sharma** Director Metacube Software (Pvt.) Ltd., Jaipur	External Member (Industry Expert)
3.	**Mr. Vibhuti Pandey** Head, BIT, Jaipur	Special Invitee
4.	Ms. Yamini Saxena	Alumnae
5.	Dr. Astha Pareek	Member

At the outset the Dean Prof. Pradeep Bhatnagar welcomed all the members of the BOS.

The agenda items were taken up and after considerable deliberations, following decisions were taken:

1. The Minutes of the last meeting held on 6th March'17 were considered and the same were unanimously confirmed.

2. The syllabi of the following programmes for the Academic Session 2018-19 were considered and approved, after incorporating necessary changes. (enclosed as Annexure 1)
   i) **B.C.A. Core Elective- Semester I-II (2018-19) and Semesters III- IV (2017-18) and Semesters V- VI (2016-17).**
   ii) **B.C.A. Generic Elective Semester I-II (2018-19), Semesters III-IV (2017-18)**
   iii) **B.C.A. Discipline Specific Elective Semesters V-VI (2016-17)**
   iv) **B. Sc. (H) – Multimedia & Animation (2018-21)**

v) Computer Applications and Informatics course for B.A./B.Sc./B.Com. & Hons. (2018-21)

vi) M.C.A. (2018-21)

vii) Foundation Course: Semester II (BVA VIT 200), III & IV for B.A./B.Sc./B.Com.& Hons.

viii) Career Oriented and Skill Development Programme in Web Design & Technology (2018-21)

ix) Career Oriented and Skill Development Programme in Integrated CAD & Graphics Design (2018-21)

3. The already approved syllabi of B.C.A., B.Sc.(H) Multimedia & Animation and M.C.A .for the academic year 2016-17 & 2017-18 were also reviewed and the same were approved after incorporating changes suggested by the experts (Enclosed as Annexure 2).

4. The Model Question Papers of BCA Sem. V, VI and COSD Courses were considered and approved. (Enclosed as Annexure 3).

5. The Question Papers of Semester-I, III, V Examinations Nov. 2017 and Semesters II, IV and VI Examinations April 2017 were reviewed and suggestions given by the BOS members were duly noted.

8. The Examiners' Reports for the Semester-I, III, V Examinations Nov. 2017 and Semesters II, IV and VI Examinations April 2017 were reviewed.

9. The BOS co-opted Dr. Neha Tiwari as member of the Examiners Selection Committee for a period of one year (i.e. for the session 2018-19).

10. The experts suggested that BOS for Multimedia and Animation programme should be held separately.

11. The meeting ended with a vote of thanks to the chair.

Dr. Navneet Sharma
Convener

Prof. Pradeep Bhatnagar
Dean, Faculty of Science

Dr. Raakhi Gupta
Registrar

Changes Done in BOS Meeting Held on 19th February 2018

1	BCA	SBCA301	TITLE CHANGED FROM MULTIMEDIA LAB I TO MULTIMEDIA LAB
2	BCA	SBCA401	PAPER TITLE CHANGED FROM MULTIMEDIA LAB II TO INFORMATION SECURITY AND CRYPTOGRAPHY
3	BCA	DBCA502A	CHANGE IN SYLLABUS
4	BCA	DBCA501B	CHANGE IN SYLLABUS
5	BCA	CBCA503	PAPER REPLACED FROM DATA STRUCTURE TH. JAVA TO COMPUTER GRAPHICS
6	BCA	CBCA504	PAPER REPLACED FROM DATA STRUCTURE TH. JAVA LAB. TO COMPUTER GRAPHICS LAB
7	BCA	CBCA601	PAPER CHANGED FROM INFORMATION SECURITY TO ETHICAL HACKING
8	MCA	MCA524A	CHANGES IN SYLLABUS
9	MCA	MCA524B	CHANGES IN SYLLABUS
10	BMA	BMA 111	PAPER TITLE CHANGED FROM COLOUR THEORY TO DESIGN PRINCIPLES
11	BMA	BMA 114	PAPER TITLE CHANGES FROM DRAWING & DESIGN BASIC I TO DRAWING FOR ANIMATION I
12	BMA	BMA 116	PAPER TITLE CHANGED FROM MULTIMEDIA I TO EXPERIMENTAL ANIMATION
13	BMA	BMA 214	PAPER TITLE CHANGED FROM 2D ANIMATION TO ANIMATION TECHNIQUES LAB
14	BMA	BMA 216	PAPER TITLE CHANGED FROM DRAWING & BASIC DESIGN II TO DRAWING FOR ANIMATION II
15	BMA	BMA311	PAPER TITLE CHANGED FROM WRITING FOR ANIMATION TO SCRIPT WRITING FOR ANIMATION
16	BMA	BMA312	PAPER ANIMATION PRODUCTION REPLACED WITH EDITING CONCEPTS (New Paper)
17	BMA	BMA 314	PAPER TITLE CHANGED FROM 3D MODELING TO MODELING AND TEXTURING I
18	BMA	BMA 317	PAPER TITLE CHANGED FROM MULTIMEDIA II TO AUDIO VIDEO TOOLS (IT WAS EARLIER BMA 416)
19	BMA	BMA 415	PAPER TITLE CHANGED FROM TEXTURING AND LIGHTING TECHNIQUES TO MODELING AND TEXTURING II
20	BMA	BMA 416	SHOOTING TECHNIQUES (NEW PAPER)
21	BMA	BMA 512	PAPER TITLE CHANGED FROM FUNDMENTAL OF GAMING IS REPLACED WITH ANIMATION PRODUCTION (EARLIER IT WAS BMA 312)
22	BMA	BMA 514	PAPER TITLE CHANGED FROM VFX TECHNIQUES TO LIGHTING AND RENDRING TECHNIQUES (New Paper)
23	BMA	BMA 515	PAPER TITLE CHANGED FROM COMPOSITING AND EDITING TO MOTION GRAPHICS
24	BMA	BMA 612	PAPER STOP MOTION ANIMATION IS REPLACED WITH GAMING LAB (EARLIER IT WAS BMA614)

25	BMA	BMA 614	PAPER GAMING LAB IS REPLACED WITH VFX TECHNIQUES (EARLIER IT WAS BMA 514)
26	COSD	WDT	SOME NEW TOPICS HAVE BEEN ADDED
27	COSD	WDT133	INTRODUCTION TO UX/US, SCATCH TOOL, ILLASTRATOR
28	COSD	WDT231	ADD ANGULAR JS AND OBJECT ORIENTED CONCETPS
29	COSD	WDT232	ADD CANVAS ANIMATION AND FLASH MINIMAL
30	COSD	WDT233	DRUPAL /WORDPRESS
31	COSD	WDT331	ADD ELECTIVES PAPER (1. ANGULAR JS 2.BOOTSTRAP) IN PHP ADD JSON, SOAP

		WDT Advance Diploma	Majorily 2 new papers as Electives in Advanced Diploma have been added: WDT331A: AngularJS & Bootstrap and WDT331B: Scripting Languages-II (containing PHP). In paper "WDT333: PROJECT/INTERNSHIP", Drupal and WORDPRESS have been added and changed the evaluation scheme of its CA evaluation. It is also finalized that students will be taught these in classes alloted for project.
		WDT Certificate & Diploma	Papers WDT232 has been shifted to Certificate as WDT 133 and WDT 332 has been shifted in Diploma as WDT 233. There is major change in Credit template. However in WDT 132, new HTML5 forms and Introduction to APIs are introduced. In WDT 131, the syllabus is designed in a way that combines Basic Web Design Priciples and HTML

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Minutes for the tenth meeting of the Board of Studies in Department of Computer Science & I.T. held on 16ᵗʰ March '16 at Meeting Room at the ICG Campus, The IIS University, Jaipur

The following members were present:

S. No.	Name	Designation
1.	**Prof. Pradeep Bhatnagar** Dean, Faculty of Science, The IIS University, Jaipur	Chairperson
2.	**Prof. M.C. Govil** Department of CSE, MNIT, Jaipur	External Member (Académician)
3.	**Prof. Maya Ingle** School of Computer Science and IT, DAVV, Indore	External Member (Academician)
4.	**Mr. Keshav Sharma** Director Metacube Software (Pvt.) Ltd., Jaipur	External Member (Industry Expert)
5.	**Mr. Vibhuti Pandey** Head, BIT, Jaipur	Special Invitee
6.	Prof. Swati V. Chande	Member
7.	Dr. Anubha Jain	Member
8.	Ms. Ruchi Nanda	Member
9.	Ms. Neha Tiwari	Member
10.	Dr. Navneet Sharma	Member
11.	Ms. Deepshikha Bhatia	Member
12.	Ms. Geetika Vyas	Member
13.	Mr. Rajneesh Chaturvedi	Member
14.	Ms. Astha Pareek	Member
15.	Ms. Priyanka Sogani	Member
16.	Ms. Harshita Bhargava	Member
17.	Mr. Peeyush Pareek	Member
18.	Ms. Parul Agarwal	Member
19.	Dr. Amita Sharma	Member
20.	Ms. Priyanka Mathur	Member
21.	Ms. Angana Datta	Member
22.	Ms. Sukriti Dev Verma	Member
23.	Dr. Vijay Gupta	Special Invitee
24.	Ms. Preeti Tiwari	Special Invitee
25.	Ms. Monika Rathore	Special Invitee
26.	Dr. Shveta Parnami	Convener

Following members could not attend the meeting:

1.	Ms. Priyanka Verma	Member

At the outset the Dean Prof. Pradeep Bhatnagar welcomed all the members of the BOS.

The agenda items were taken up and after considerable deliberations, following decisions were taken:

1. The Minutes of the last meeting held on 14th March'15 and special meeting held on 9th June 2015 were considered and the same were unanimously confirmed.

2. The syllabi of the following programmes for the Academic Session 2016-17 were considered and approved, after incorporating necessary changes. (enclosed as Annexure 1)

   i) B.C.A. Core Elective- Semester I-II (2016-17), Semesters III- IV (2017-18) and Semester V-VI (2018-19).

   ii) B.C.A. Generic Elective Semester I-II (2016-17), Semesters III-IV (2017-18)

   iii) B.C.A. Discipline Specific Elective Semesters V-VI (2018-19)

   iv) B.Sc. (H) –Computer Science (2016-19)

   v) B. Sc. (H) – Multimedia & Animation (2016-19)

   vi) Computer Applications and Informatics course for B.A./B.Sc./B.Com. & Hons. (2016-19)

   vii) M.C.A. (2016-18)

   viii) M.Sc.- Computer Science (2016-18)

   ix) M.Sc. – Information Technology (2016-18)

   x) Foundation Course: Semester III & IV for B.A./B.Sc./B.Com.& Hons.

   xi) Career Oriented and Skill Development Programme in Web Design & Technology Certificate (2016-2017), Diploma (2017-18), Adv. Diploma (2018-19).

   xii) Career Oriented and Skill Development Programme in Integrated CAD & Graphics Design Certificate (2016-2017), Diploma (2017-18), Adv. Diploma (2018-19).

3. The already approved syllabi of M.C.A. for the academic year 2015-16 were also reviewed and the same were approved after incorporating changes suggested by the experts (Enclosed as Annexure 2).

4. The syllabi for M.C.A. Semester V-VI for session 2015-16 were discussed and approved after incorporating changes suggested by the experts (Enclosed as Annexure 3).

5. The generic elective "Computer Applications" for Bsc.FT, H.Sc. & BJMC was discussed and approved.(Enclosed as Annexure 4)

6. The Model Question Papers for the following courses were considered and approved. (Enclosed as Annexure 4).

   i. B.C.A. Semester I & II of the academic year 2016-17
   ii. M.C.A. Semester V & VI of the academic year 2015-16
   iii. B.Sc. Multimedia & Animation Semester V & VI of the academic year 2016-17.

7. The Question Papers of Semester-II and IV & VI Examination, April 2015 and Semesters I, III and V November 2015 were reviewed and suggestions given by the BOS members were duly noted.

8. The Examiners' Reports for the Semester II, IV & VI Examination, April 2015 and Semesters I, III and V Examinations, November 2015 were reviewed.

9. The BOS co-opted Dr. Anubha Jain as member of the Examiners Selection Committee for a period of one year (i.e. for the session 2016-17).

10. The meeting ended with a vote of thanks to the chair.

Dr. Raakhi Gupta
Principal

Prof. Pradeep Bhatnagar
Dean, Faculty of Life Sciences

Dr. Shveta Parnami
Convener

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PAPER/SYLLABUS CHANGES AND UPDATION REPORT
Department of Computer Sc. & I.T.

BCA CBCS Sem. I and II (2016-17);BCA CBCS Sem. III and IV (2017-18);BCA CBCS Sem. V and VI (2018-19); was introduced and all new papers were framed accordingly (current (credit template attached).

Paper code	Paper Name	Year of Introduction
CBCA 101	INTRODUCTION TO ICT	2016
CBCA 102	ICT LAB	2016
CBCA 103	PROGRAMMING CONCEPTS IN C	2016
CBCA 104	PROGRAMMING CONCEPTS LAB	2016
GBCA 101	FOUNDATIONS OF MATHEMATICS	2016
CBCA 201	OPERATING SYSTEMS	2016
CBCA 202	COMPUTER ARCHITECTURE	2016
CBCA 203	ADVANCED PROGRAMMING IN C	2016
CBCA 204	'C' PROGRAMMING LAB	2016
GBCA 201A	WEB MINING	2019
GBCA 201B	WEB MINING LAB	2019
CBCA 301	ALGORITHMS & DATA STRUCTURES	2016
CBCA 302	DATA STRUCTURES LAB	2016
CBCA 303	WEB APPLICATION DEVELOPMENT-I	2016
CBCA 304	WEB APPLICATION DEVELOPMENT-I LAB	2016
CBCA 305	DBMS-I	2016
CBCA 306	DBMS-I LAB	2016
GBCA 301	DISCRETE MATHEMATICS	2016
SBCA 301	MULTIMEDIA LAB I	2016
SBCA 401	INFORMATION SECURITY	2018
CBCA 401	SOFTWARE ENGINEERING	2016
CBCA 402	DATA NETWORKS	2016
CBCA 403	WEB APPLICATION DEVELOPMENT-II	2016
CBCA 404	WEB APPLICATION DEVELOPMENT-II LAB	2016
CBCA 405	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	2016

CBCA 406	JAVA PROGRAMMING LAB		2016
GBCA 401	NUMERICAL & STATISTICAL METHODS		2016
GBCA 402	E-COMMERCE AND BUSINESS INTELLIGENCE		2016
CBCA 501	DBMS-II		2016
CBCA 502	DBMS-II LAB		2016
CBCA 503	COMPUTER GRAPHICS		2016
CBCA 504	COMPUTER GRAPHICS LAB		2016
DBCA 501 A	FUNDAMENTALS OF TESTING		2016
DBCA 502 A	SOFTWARE QUALITY ASSURANCE		2016
DBCA 503 A	TESTING TOOLS-I		2016
DBCA 501 B	ADVANCED JAVA		2016
DBCA 502 B	INTRODUCTION TO MOBILE COMPUTING		2016
DBCA 503 B	ADVANCED JAVA PROGRAMMING LAB		2016
CBCA 601	ETHICAL HACKING		2018
CBCA 602	LINUX LAB		2016
CBCA 603	WEB APPLICATION DEVELOPMENT-III		2016
CBCA 604	WEB APPLICATION DEVELOPMENT-III LAB		2016
DBCA 601 A	USER EXPERIENCE DESIGN		2016
DBCA 602 A	TESTING TOOLS-II		2016
DBCA 601 B	MOBILE APPICATIONS DEVELOPMENT		2016
DBCA 602 B	MOBILE APPICATIONS DEVELOPMENT LAB		2016
DBCA 603	PROJECT		2016
GBCA 102A	COMPUTER APPLICATIONS (THEORY) (For CBCS B.Sc Home Sc., BJMC)		2016
GBCA 102B	OFFICE AUTOMATION LAB (For CBCS B.Sc Home Sc., BJMC)		2016
GBCA 403A	MULTIMEDIA & ANIMATION (For CBCS BJMC)		2016
GBCA 403B	MULTIMEDIA & ANIMATION LAB (For CBCS BJMC)		2016
GBCA 202A	DATA ANALYSIS		2019

	GBCA 202B	DATA ANALYSIS LAB		
				2019
	GBCA 103	PRINCIPLES OF ACCOUNTING		
				2019

MCA (2016-17)

SNo	Old	New	Changes
1.	MCA-325	Software Engineering Principles changed to Object Oriented Software Engineering Principles	(Paper Title Changed)
2.	MCA-422	Cryptography & Network Security	Paper Shifted from MCA-525 (Elective-III) to MCA-422 and existing MCA-422 Linux & Shell Programming merged with MCA-323 (Open Source Technology)
3.	MCA -525 (Elective-III)	Operations Research	Paper Dropped
4.	MCA -525 (Elective-III)	Geo-Informatics	Paper Dropped
5.	MCA-525C	Mobile Operating System	New Paper Introduced
6.	MCA-329 & MCA-427 (Lab Interchanged)	Linux Lab and Communication and Soft Skills Lab-II Interchanged MCA 329 - Linux Lab MCA- 427- Communication and Soft Skills Lab-II	Labs Shifted
7.	MCA-323	Open Source Technologies (Added syllabus of Linux & Shell Programming from MCA-422)	Syllabus Up gradation
8.	MCA- 324	Advanced Database Systems	Syllabus Up gradation
9.	MCA-423	CONM	Syllabus Up gradation
10.	MCA-424	Data Warehousing and Data Mining	Syllabus Up gradation
11.	MCA-524A	(Data Analytics)	Syllabus Up gradation