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RESULT ANALYSIS – BCA
ADMISSION BATCH 2015-2018

Academic Year 2015-16, Semester – I																
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A+**	**A**	**B+**	**B**	**C+**	**C**	**D+**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
English - Communication Skill	35.2857	15	50.2857	-	-	-	-	-	1	-	3	2	1	367	4	3	7
Introduction To Computers	59.5714	16.2857	75.8571	-	3	-	1	-	3	-	-	-	-				
Software Lab 1	74.5714	17.4286	92	5	2	-		-	-	-	-	-	-				
Methodology Of Programming	39.4286	15.2857	54.7143	-	-	-	-	-	2	-	3	2	-				
Mathematics-Matrices	34.4286	15.5714	50	-	-	-	-	-	2	-	2	2	1				
Statistics -Basic Statistic	27.1429	16.8571	44	-	-	-	-	-	1	-	1	3	2				

Inference

1. During the academic year 2015-16, Semester I, it is observed that highest marks are scored in Software Lab.
2. Total pass percentage is 57.14.

3. It is noticed that least score is earned in Basic Statistics during the academic year 2015-16.

Recommendation

1. It is decided to work out more problems than focusing on theory.
2. Decided to conduct revision classes prior to the University exams.
3. Recommended revision classes for Basic Statistics from the next batch.

Academic Year 2015-16, Semester – II																	
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A +**	**A**	**B +**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
English -Critical Thinking	25.43	11.57	37.00	-	-	-	-	-	-	-	1	4	1	305.29	4	3	7
Accounting & Programming	50.4286	11.4286	61.8571	-	2	-	-	-	4	-	-	-	-				
Data Structures	41.5714	12	53.5714	-	-	-	1	-	2	-	3	-	-				
Fundamental Of Digital 29.5714		12.4286	42	-	-	-	-	-	1	-	1	4	-				
Software Lab – 2	62.2857	14	76.2857	4	1	-	1	-	-	-	-	-	-				
Mathematics – Discreate	21	13.5714	34.5714	-	-	-	-	-	-	-	1	3	2				

Inference

1. Of total 7 students of the academic year 2015-16, all students had passed software lab examination and had scored 76.28% of marks.
2. While in Discrete Mathematics, the total pass percentage is 71.42%.

Recommendation

1. Enhance peer group study among students to develop quantitative skills.
2. Decided to conduct module test after the completion of each module.

Academic Year 2016-17, Semester –III																	
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A +**	**A**	**B +**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Design And Analysis Of Algorithms	42.00	18.00	60.00	-	1	-	-	-	3	-	-	2	-	406.5	6	0	6
Computer Organization	47.6667	18	65.6667	-	1	-	-	-	4	-	1	-	-				
Computer Graphics	43.3333	17.5	60.8333	-	-	-	1	-	2	-	3	-	-				
Object Oriented Program	46.3333	17.6667	64	-	-	-	1	-	4	-	1	-	-				
Software Lab-III	78.3333	19.8333	98.1667	6	-	-	-	-	-	-	-	-	-				
Statistics-Advanced Statistics	39.8333	18	57.8333	-	-	-	1	-	2	-	1	2	-				

Inference

1. During the academic year 2016-17, Semester III, it is noticed that highest marks are scored in Software Lab-III.
2. Total pass percentage is 100.
3. It is noticed that least score is earned in Advanced Statistics during the academic year 2016-17.

Recommendation

1. Decided to revise previous question papers prior to the University exams.
2. New initiative to be taken to conduct remedial classes from 3.30 pm to 4.30 pm for slow learners.

Academic Year 2016-17, Semester – IV																
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A +**	**A**	**B +**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Microprocessor And Pc Hardware	39.38	13.25	52.63	-	1	-	1	-	4	-	-	-	-	337.43	6	0	6
Database Management System	33.25	13.38	46.63	-	-	-	2	-	2	-	1	1	-				
Visual Programming Technology	25.50	12.88	38.38	-	-	-	-	-	-	-	4	2	-				
Software Lab-IV	44.88	15.00	59.88	2	-	-	1	-	1	-	1	1	-				
System Analysis And Design	31.00	13.75	44.75	-	-	-	1	-	2	-	2	1	-				
Mathematics Operational Research	39.13	13.88	53.00	-	-	-	5	-	-		1	-	-				

Inference

1. Of the total 6 students of the academic year 2016-17, all the students had passed the III semester University exams.
2. While in Visual Programming Technology, students had scored least percentage of marks.

Recommendation

1. In order to enhance logical skills, introduce more object based programming.
2. To enable reasoning skill workout more application level questions.
3. Revision classes and module tests should be conducted for Visual Programming Technology.

Academic Year 2017-18, Semester – V																	
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A +**	**A**	**B +**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Software Development Lab 1	70	20	90	3	3	-	-	-	-	-	-	-	-	425.17	6	0	6
Computer Network	45.17	17.17	62.33	-	-	-	1	-	3	-	2	-	-				
Operating System	41.5	16.67	58.17	-	-	-	-	-	2	-	4	-	-				
Java Programming	44	18.17	62.17	-	-	-	1	-	2	-	3	-	-				
Software Lab V	67.5	20	87.5	3	1	-	2	-	-	-	-	-	-				
Open Course	48.5	16.5	65	-	2	-	-	-	1	-	2	1	-				

Inference

1. During the academic year 2017-18, the total pass percentage of students is 100.
2. Students had scored only58.17 in Operating System.

Recommendation

1. Decided to concentrate more in scheduling algorithm to develop programming skill.
2. Steps for remedial instructions like preparing short notes for slow learners.

Academic Year 2017-18, Semester – VI																
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A +**	**A**	**B +**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Web Technology	47.5	18.1667	65.6667	-	-	-	2	-	3	-	1	-	-	475.5	6	0	6
Software Engineering	47.5	18.6667	66.1667	-	1	-	-	-	4	-	1	-	-				
Software Development Lab	71	20	91	4	2	-	-	-	-	-	-	-	-				
Linux Operating System	45.3333	18.3333	63.6667	-	-	-	-	-	4	-	2	-	-				
Seminar	0.00	100.00	100.00	6	-	-	-	-	-	-	-	-	-				
Viva	89	0	89	3	3	-	-	-	-	-	-	-	-				

Inference

1. During the academic year 2017-18 the academic excellence is 100%.
2. Total pass percentage of Seminar is 100, while in Linux Operating System it is about 63.66%.

Recommendation

1. Provide more practical hours to improve networking skills in each student.
2. Concentrate more in system administration to develop networking skills.

ADMISSION BATCH 2016-2019

Academic Year 2016-17, Semester – I																	
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A +**	**A**	**B +**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Communication Skill	48.4545	14.1818	62.6364	-	1	-	3	-	3	-	2	2	-	358	8	3	11
Introduction To	51	15.2727	66.2727	-	3	-	-	-	6	-	1	1	-				
Software Lab 1	61.7273	17.1818	78.9091	5	1	-	2	-	1	-	1	1	-				
Methodology Of	35	15	50	-	1	-	1	-	2	-	2	2	3				
Mathematics-Matrices	31.0909	13.7273	44.8182	-	-	-	-	-	-	-	4	6	1				
Statistics -Basic	40.5455	14.8182	55.3636	-	1	-	3	-	1	-	-	4	2				

Inference

1. Total pass percentage is 72.73.
2. It is noticed that least score is earned in mathematics.
3. Remaining all the papers received an average mark.

Recommendation

1. It is decided to identify and rectify the reason for less mark.
2. It is recommended that more teaching aids could be provided to students.

Academic Year 2016-17, Semester – II																	
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A+**	**A**	**B +**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
English- Critical Thinking	34.6	13.6	48.2	-	-	-	-	-	2	-	4	1	3	350.8	5	5	10
Accounting And Programming	36.5	14.2	50.7	-	-	-	1	-	4	-	1	-	4				
Data Structures	42.9	15.8	58.7	-	1	-	2	-	3	-	2	-	2				
Fundamentals Of Digital System	40.8	14.7	55.5	-	1	-	2	-	3	-	-	1	3				
Software Lab II	59.8	16.6	76.4	4	-	-	3	-	1	-	-	2	-				
Mathematics-Discrete	47.3	14	61.3	-	1	-	3	-	3	-	-	1	2				

Inference

1. Overall pass percentage is 50.
2. Highest score is earned in software lab.
3. Lowest score is earned in language subject.

Recommendation

1. Advised to take remedial classes for getting more pass percentage.
2. Conduct more exams on the basis of University question pattern.

Academic Year 2017-18, Semester – III																	
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A +**	**A**	**B +**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total StudentsCount**
Design And Analysis Of Algorithm	36.80	17.40	54.20	-	-	-	2	-	2	-	3	2	1	370.2	8	2	10
Computer Organization And Architecture	31.9	15.7	47.6	-	-	-	-	-	2	-	3	3	2				
Computer Graphics	52.7	16.1	68.8	-	-	-	6	-	1	-	3	-	-				
Object Oriented Programming	48.5	14.7	63.2	-	2	-	5	-	-	-	1	-	2				
Software Lab III	57.4	17.6	75	5	-	-	1	-	-	-	3	1	-				
Statistics - Advanced Statistics	45.6	15.8	61.4	-	2	-	2	-	2	-	1	2	1				

Inference

1. Overall pass percentage increased to 80.
2. It was noticed that external mark for computer organization and architecture is very less.

Recommendation

1. Serious remedial action should be taken to improve the mark.
2. Analyse previous University question papers.

Academic Year 2017-18, Semester – IV																	
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A +**	**A**	**B +**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Microprocessor And PC Hardware	33.30	15.90	49.20	-	-	-	-	-	4	-	1	3	2	376	8	2	10
Database Management System	48	16.5	64.5	-	3	-	3	-	1	-	1	-	2				
Visual Programming Technique	50.2	16.7	66.9	-	1	-	5	-	2	-	-	2	-				
Software Lab 4	40.3	18.8	59.1	1	2	-	1	-	1	-	-	3	2				
System Analysis And Design	43.2	17.1	60.3	-	-	-	4	-	2	-	2	1	1				
Mathematics-Operations Research	57.7	18.3	76	1	4	-	3	-	-	-	1	1	-				

Inference

1. There is no change in the overall pass percentage (80).
2. The highest mark was earned in Mathematics.
3. The lowest mark was obtained in Microprocessor.

Recommendation

1. Increase and maintain a good pass percentage.
2. Recommended revision classes for Microprocessor from the next batch.

Academic Year 2018-19, Semester – V																	
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A+**	**A**	**B +**	**B**	**C+**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Software Development Lab 1	69.4	20	89.4	4	6	-	-	-	-	-	-	-	-	448.4	9	1	10
Computer Network	51.7	16.9	68.6	-	2	-	3	-	3	-	1	1	-				
Operating System	56.5	18.1	74.6	-	5	-	2	-	2	-	-	1	-				
Java Programming	41.8	18	59.8	-	1	-	3	-	2	-	1	2	1				
Software LAB V	66	18.9	84.9	4	1	-	4	-	1	-	-	-	-				
Open Course	53.7	17.4	71.1	-	3	-	4	-	-	-	3	-	-				

Inference

1. The overall pass percentage was 90.
2. More students failed in Programming**.**

Recommendation

1. Decided to revise previous question papers prior to the University exams.
2. New initiative to be taken to conduct remedial classes from 3.30 pm to 4.30 pm for slow learners.

Academic Year 2018-19, Semester – VI																	
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A+**	**A**	**B +**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Web Technology	35.9	18.3	54.2	-	-	-	3	-	1	-	-	4	2	447.6	8	2	10
Software Engineering	46.4	17	63.4	-	-	-	5	-	2	-	1	2	-				
Software Development Lab	71.2	20	91.2	8	2	-	-	-	-	-	-	-	-				
Linux Operating System	35.1	16.6	51.7	-	-	-	-	-	5	-	2	1	2				
Seminar	0	99.2	99.2	10	-	-	-	-	-	-	-	-	-				
Viva	87.9	0	87.9	5	4	-	1	-	-	-	-	-	-				

Inference

1. The overall pass percentage declined to 80.
2. The highest mark was earned in Seminar paper.
3. Lowest mark was obtained in Linux Operating System**.**

Recommendation

1. Multiple measures to be taken to improve the overall pass percentage.
2. Introduce question banks.
3. Revision classes and unit tests should be conducted for Linux operating system.

ADMISSION BATCH 2017-2020

Academic Year 2017-18, Semester – I																	
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A +**	**A**	**B+**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Computer Fundamentals	46.5714	17.3571	63.9286	1	3	3	4	-	1	-	2	-	-	396	11	3	14
Software Lab 1	71.1429	18.2857	89.4286	4	5	-	-	-	-	-	-	-	-				
English-Fine Tune Your English	33.0714	15.4286	48.5	-	-	1	2	-	7	-	2	-	2				
Methodology Of Programming	40.5	15.5714	56.0714	-	1	3	3	-	3	-	3	-	1				
Mathematics -Discrete M	68.7143	17.7143	86.4286	6	2	1	1	-	-	-	-	-	-				
Basic Statistics And Int	34.2857	17.3571	51.6429	-	1	3	-	-	5	-	4	-	1				

Inference

1. Highest mark was scored in software lab.
2. Lowest score was obtained in language paper.
3. The overall pass percentage is 78.57.

Recommendation

1. New initiative to be taken to conduct remedial classes from 3.30 pm to 4.30 pm for slow learners. 2. Improve the overall pass percentage.

Academic Year 2017-18, Semester – II																	
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A +**	**A**	**B+**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Data Base Management System	39.4286	15.2857	54.7143	-	2	2	4	-	2	-	1	-	3	358.5	11	3	14
English-Issues That Matter	36.6429	17.5714	54.2143	-	-	2	5	-	6	-	1	-	-				
Computer Organisation And	30.6429	17.8571	48.5	-	-	1	4	-	4	-	3	-	2				
Object Oriented Programming	32.2857	16.1429	48.4286	-	1	3	1	-	1	-	6	-	2				
Mathematics-Discrete Mathematics	48.0714	16.3571	64.4286	1	4	2	5	-	1	-	-	-	1				
Software Lab-II	69	19.2143	88.2143	3	6	-	-	-	-	-	-	-	-				

Inference

1. There is no change in the overall pass percentage (78.57).
2. All the subjects scored an above average marks except COA and OOP.

Recommendation

1. Bring in Experts guidance to enhance pass percentage.
2. Provide more programs to improve their logical skills.

Academic Year 2018-19, Semester – III																	
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A+**	**A**	**B +**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Computer Graphics	44.00	16.50	60.50	-	-	6	4	-	3	-	1	-	-	362.86	10	4	14
Microprocessor And Pc	31	16.6429	47.6429	-	-	2	3	-	2	-	4	-	3				
Operating Systems	45.2857	16.3571	61.6429	2	2	3	-	-	5	-	1	-	1				
Data Structure Using C++	39.2143	16.0714	55.2857	-	1	3	4	-	3	-	3	-	-				
Advanced Statistical	36.9286	16.2143	53.1429	2	-	3	-	-	3	-	5	-	1				
Software Lab III	67.5714	17.0714	84.6429	4	5	2	-	-	-	-	-	-	-				

Inference

1. It was noticed that the overall pass percentage declined to 71.43
2. Highest mark was scored in software lab.
3. Lowest mark was scored in Advanced statistics.

Recommendation

1. More action should be taken to increase the overall pass percentage.
2. Illustrate University previous year question papers.

Academic Year 2018-19, Semester – IV																
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A+**	**A**	**B+**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Design And Analysis Of Algorithm	38.5	17.3571	55.86	-	1	3	4	-	2	-	4	-	-	362.43	11	3	14
System Analysis And Software Engineering	28.5	17.0714	45.5714	-	-	1	1	-	4	-	7	-	1				
Software Lab -4	70.3571	19.7857	90.1429	6	3	-	-	-	-	-	-	-	-				
Linux Administration	35.00	17.36	52.36	-	-	5	2	-	1	-	3	-	3				
Web Programming Using PHP	32.2143	17.3571	49.5714	-	-	-	4	-	5	-	5	-	-				
Operations Research	51.2143	17.7143	68.93	2	4	5	1	-	1	-	-	-	1				

Inference

1. To overall pass percentage has increased to 78.57.
2. More students failed in Linux Administration.

Recommendation

1. Advised to take remedial classes for getting more pass percentage.
2. Illustrate previous year University question papers.

Academic Year 2019-20, Semester – V																	
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A+**	**A**	**B +**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Computer Networks	49.0714	15.2857	64.3571	1	3	4	3	-	-	-	3	-	-	420	11	3	14
Software Development Lab	71.2857	19.5	90.7857	13	-	-	-	-	-	-	-	-	-				
Open Course	42.7857	15.6429	58.4286	-	2	5	3	-	1	-	1	-	2				
Software Lab -V	68.9286	17.8571	86.7857	8	4	1	-	-	-	-	-	-	-				
IT And Environment	51.1429	17.2143	67.0714	2	5	2	3	-	1	-	-	-	1				
Java Programming Using	36.7857	15.7857	52.5714	-	-	2	6	-	3	-	1	-	2				

Inference

1. Highest mark was scored in software development lab.
2. Lowest score was obtained in Programming language.
3. There is no change in the overall pass percentage (78.57).

Recommendation

1. Serious remedial action must be taken to improve the mark.
2. Illustrate University previous year question papers.

Academic Year 2019-20, Semester – VI																	
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A+**	**A**	**B +**	**B**	**C +**	**C**	**D +**	**D**		**E Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Cloud Computing	39.2857	13.8571	53.1429	-	-	4	4	-	3	-	2	-	-	407	9	4	13
Mobile Application Development	35.2857	16.3571	51.6429	-	-	4	4	-	2	-	2	-	1				
Software Lab VI And Seminar	0	90.4286	90.4286	2	-	-	-	-	-	-	-	-	-				
Software Development Lab	69.9286	18.5714	88.5	6	-	-	-	-	-	-	-	-	-				
Viva Voice	88.2857	0	88.2857	5	-	-	-	-	-	-	-	-	-				
Data Mining	20.5	14.5	35	-	-	-	-	-	2	-	7	-	4				

Inference

1. It was noticed that the overall pass percentage declined to 69.23.
2. Data Mining scored the lowest mark.

Recommendation

1. Improve the overall pass percentage, remedial measures to be implemented.
2. Decided to discuss University question papers in detail.

ADMISSION BATCH 2018-2021

Academic Year 2018-19, Semester – I																	
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A+**	**A**	**B +**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Computer Fundamentals	44.07	15.93	60.00	1	1	3	4	-	5	-	1	-	-	377	12	3	15
Software Lab 1	61.13	17.93	79.07	6	2	6	-	-	-	-	-	-	-				
Fine Tune Your English	43.47	15.33	58.80	-	1	3	7	-	2	-	2	-	-				
Methodology Of Programming	29.73	16.33	46.07	-	-	2	2	-	4	-	4	-	3				
Discrete Mathematics 1`	55.87	18.07	73.93	4	2	4	3	-	1	-	-	-	-				
Basic Statistics	40.60	18.53	59.13	1	2	4	-	-	5	-	2	-	1				

Inference

1. The overall percentage was 80.
2. Average marks have been obtained for all subjects.

Recommendation

1. Concrete action should be taken to increase the overall pass percentage.
2. Take steps to give more standard text books.

Academic Year 2018-19, Semester – II																	
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A +**	**A**	**B +**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Data Base Management System	47.625	17.125	64.75	2	2	4	3	-	4	-	1	-	-	369.44	11	5	16
English-Issues That Matter	41.0625	17.3125	58.625	-	1	1	11	-	2	-	1	-	-				
Computer Organisation And	44.3125	17.1875	61.3125	-	4	3	3	-	3	-	3	-	-				
Object Oriented Programming	29.875	15.8125	45.6875	-	-	2	2	-	5	-	3	-	4				
Mathematics-Discrete Mathematics	33.375	17.1875	50.5625	1	1	1	4	-	4	-	2	-	3				
Software Lab-II	69.6875	18.8125	88.5	12	3	-	-	-	-	-	-	-	-				

Inference

1. It is noticed that overall pass percentage has declined to 68.75.
2. Highest average marks obtained by lab and it are followed by DBMS.
3. Lowest mark scored by Mathematics.

Recommendation

1. Give importance to remedial classes.
2. Conduct more exams on the basis of University question paper pattern.

Academic Year 2019-20, Semester – III																	
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A +**	**A**	**B +**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Computer Graphics	52.63	17.25	69.88	1	6	3	5	-	-	-	1	-	-	404.69	15	1	16
Microprocessor And Pc	45	17.5625	62.5625	-	4	4	3	-	4	-	1	-	-				
Operating Systems	42.75	17.75	60.5	-	2	4	4	-	5	-	1	-	-				
Data Structure Using C++	51.25	18.5625	69.8125	1	5	5	4	-	-	-	1	-	-				
Advanced Statistical	40.1875	15.75	55.9375	1	1	1	5	-	5	-	2	-	1				
Software Lab III	66.5	19.5	86	7	3	2	-	-	-	-	-	-	-				

Inference

1. Overall pass percentage tremendously increased to 93.75.
2. It is observed that Software Lab scored the highest mark.
3. Least mark is obtained in Advanced statistics.

Recommendation

1. Motivate the teachers and student to maintain the same.
2. Workout more questions based on University pattern.
3. Recommended revision classes for Advanced Statistics from the next batch.

Academic Year 2019-20, Semester – IV																	
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A +**	**A**	**B +**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
System Analysis And Software Engineering	43.5294	18.2941	61.82	-	3	2	8	-	3	-	1	-	-	388.29	15	2	17
Software Lab -IV	66.7059	19.4118	86.1176	7	5	1	1	-	-	-	-	-	-				
Design And Analysis Of Algorithm	40.5882	17.7647	58.3529	-	1	5	4	-	4	-	3	-	-				
Linux Administration	40.82	18.06	58.88	1	1	2	6	-	5	-	2	-	-				
Web Programming Using PHP	37.4706	19.2941	56.7647	1	2	3	4	-	4	-	1	-	2				
Operations Research	48.1176	18.2353	66.35	-	6	4	4	-	2	-	-	-	1				

Inference

1. The overall pass percentage has come down to 88.24.
2. The highest mark is earned in software lab**.**

Recommendation

1. Remedial steps to improve the overall pass percentage is.
2. Introduced weekly exams based on the University question papers.

Academic Year 2020-21, Semester – V																
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A+**	**A**	**B+**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Computer Networks	45.65	19.18	64.82	1	3	4	5	-	3	-	-	-	1	445.65	10	7	17
Software Development Lab	75.76	20	95.76	5	-	-	-	-	-	-	-	-	-				
Software Lab –V	63.18	19.82	83	3	5	4	1	-	-	-	-	-	-				
IT And Environment	62.35	19.47	81.82	5	6	4	-	-	-	-	-	-	-				
Java Programming Using	48.18	19.18	67.35	1	3	7	2	-	3	-	1	-	-				
Open Course	34.24	18.65	52.88	2	2	2	1	-	2	-	2	-	6				

Inference

1. The highest mark is earned in software development lab.
2. The lowest mark is earned in Open courses.
3. The overall pass percentage has declined to 58.82.

Recommendation

1. Multiple strategies to improve the overall pass percentage.
2. Revision classes and module tests should be conducted for open course.

Academic Year 2020-21, Semester – VI																	
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A+**	**A**	**B +**	**B**	**C +**	**C**	**D+**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Cloud Computing	48.88235	19.17647	68.05882	1	4	7	3	-	2	-	-	-	-	485.118	14	3	17
Mobile Application Development	55.76471	19.52941	75.29412	8	2	3	2	-	1	-	1	-	-				
Software Lab VI And Seminar	0	100	100	-	-	-	-	-	-	-	-	-	-				
Software Development Lab	76.35294	20	96.35294	2	-	-	-	-	-	-	-	-	-				
Viva Voice	94.82353	0	94.82353	8	-	-	-	-	-	-	-	-	-				
Data Mining	32.05882	18.52941	50.58824	-	2	2	-	-	7	-	3	-	3				

Inference

1. The overall pass percentage is 82.35.
2. All the subjects earned an above average mark.

Recommendation

1. Take concrete initiatives to maintain the overall pass percentage.
2. New initiative to be taken to conduct remedial classes from 3.30 pm to 4.00 pm for slow learners.

ADMISSION BATCH 2019-2022

Academic Year 2019-20, Semester – I																
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A+**	**A**	**B+**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Computer Fundamentals	45.6667	17.8889	63.5556	-	1	4	3	-	1	-	-	-	-	288.67	7	2	9
Software Lab 1	61.1111	20	81.1111	-	8	1	-	-	-	-	-	-	-				
English-Fine Tune Your English	36.7778	17.7778	54.5556	-	2	-	-	-	6	-	1	-	-				
Methodology Of Programming	30	18.5556	48.5556	-	-	-	1	-	5	-	3	-	-				
Mathematics -Discrete Mathematics	39	18.6667	57.6667	1	-	2	1	-	4	-	1	-	-				
Basic Statistics And Int	34.1111	16.8889	51	-	1	1	1	-	2	-	2	-	2				

Inference

1. The overall pass percentage is 77.78.
2. Highest mark is scored in software lab.
3. More students failed in Statistics.

Recommendation

1. Decided to give more text books for reference.
2. Conduct more model exams on the basis of University question pattern.

Academic Year 2019-20, Semester – II																	
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A +**	**A**	**B +**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Data Base Management System	33	17.8889	50.8889	-	-	1	3	-	2	-	2	-	1	367.22	8	1	9
English-Issues That Matter	46	18.5556	64.5556	-	3	1	3	-	2	-	-	-	-				
Computer Organisation And Architecture	31.4444	18.8889	50.3333	-	-	1	3	-	1	-	3	-	1				
Object Oriented Programming	40.2222	16.5556	56.7778	-	2	-	2	-	3	-	2	-	-				
Mathematics-Discrete Mathemetics	51.1111	16	67.1111	-	-	4	4	-	-	-	-	-	-				
Software Lab-II	63.6667	13.8889	77.5556	3	1	4	1	-	-	-	-	-	-				

Inference

1. Overall pass percentage has increased to 88.89.
2. Highest average mark is attained by Software Lab.
3. Lowest average mark obtained in computer organization and architecture.

Recommendation

1. Give importance to remedial classes.
2. Analyze previous year University question papers.

Academic Year 2020-21, Semester – III																
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A+**	**A**	**B+**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Computer Graphics	49.11	19.33	68.44	-	2	3	4	-	-	-	-	-	-	404.89	8	1	9
Microprocessor And Pc Hardware	46.4444	18.2222	64.6667	1	2	2	2	-	1	-	1	-	-				
Operating Systems	47.7778	18.2222	66	1	2	-	1	-	3	-	-	-	1				
Data Structure Using C++	42	18.4444	60.4444	1	1	1	2	-	3	-	1	-	-				
Advanced Statistical	50.5556	18	68.5556	3	-	1	2	-	3	-	-	-	-				
Software Lab III	58.3333	18.4444	76.7778	2	1	3	2	-	-	-	-	-	-				

Inference

1. There is no change in overall pass percentage (88.89).
2. It is observed that software lab scored a highest mark.
3. Least mark is obtained in data structure using C++.

Recommendation

1. Decided to maintain a good pass percent.
2. Arrange special classes for data structure.

Academic Year 2020-21, Semester – IV																	
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A+**	**A**	**B +**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Design And Analysis	44.7778	18.3333	63.11	-	2	3	1	-	3	-	-	-	-	424.11	9	0	9
System Analysis And Software Engineering	46	18	64	-	3	2	1	-	2	-	1	-	-				
Software Lab IV	48.5556	20	68.5556	1	2	-	5	-	1	-	-	-	-				
Linux Administration	53.00	18.44	71.44	2	1	2	3	-	1	-	-	-	-				
Web Programming Using PHP	55.7778	18.3333	74.1111	2	2	3	2	-	-	-	-	-	-				
Operations Research	64.5556	18.3333	82.89	2	2	2	1	-	-	-	-	-	-				

Inference

1. Overall pas percentage is 100.
2. Average marks are scored for all subjects.

Recommendation

1. Decided to revise previous question papers prior to the University exams.
2. New initiative to be taken to conduct remedial classes from 3.30 pm to 4.30 pm for slow learners.

Academic Year 2021-22, Semester – V																	
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A +**	**A**	**B +**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Computer Networks	50.44	17.78	68.22	-	3	2	4	-	-	-	-	-	-	420.44	8	1	9
Software Development Lab	72.89	20	92.89	7	-	-	-	-	-	-	-	-	-				
Software Lab –V	59	17.67	76.67	2	3	3	1	-	-	-	-	-	-				
Software Lab –V	44.22	18.89	63.11	1	-	2	4	-	2	-	-	-	-				
It And Environment	46.33	17.44	63.78	-	2	2	3	-	2	-	-	-	-				
Java Programming Using	38.11	17.67	55.78	-	1	2	2	-	1	-	2	-	1				

Inference

1. Highest average mark is attained in Software development Lab.
2. Lowest average mark obtained in java programming.
3. Overall pass percentage is 88.89

Recommendation

1. Serious remedial action must be taken to improve the mark.
2. Revision classes and module tests should be conducted for Java Programming.

Academic Year 2021-22, Semester – VI																	
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A+**	**A**	**B+**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Cloud Computing	66.4444	19.4444	85.8889	4	3	1	-	-	-	-	-	-	-	536.111	9	0	9
Mobile Application Development	69.2222	19.6667	88.8889	3	-	2	-	-	-	-	-	-	-				
Software Lab VI And Seminar	0	96.8889	96.8889	1	-	-	-	-	-	-	-	-	-				
Software Development Lab	77.6667	18.5556	96.2222	3	-	-	-	-	-	-	-	-	-				
Viva Voice	96.2222	0	96.2222	1	-	-	-	-	-	-	-	-	-				
Data Mining	52	20	72	3	-	-	-	-	-	-	-	-	-				

Inference

1. During the academic year 2021-22, the academic excellence is 100%.
2. Highest average marks are attained in Software Lab.

Recommendation

1. New initiative to be taken to conduct remedial classes from 3.30 pm to 4.00 pm for slow learners. 2. Motivate the students to aspire for more marks.

ADMISSION BATCH 2020-2023

Academic Year 2020-21, Semester – I																
Course	**Average ESA (80)**	**Average ISA (20)**	**Average Total (100)**	**A +**	**A**	**B +**	**B**	**C +**	**C**	**D +**	**D**	**E**	**Fail**	**Average Total Mark**	**Total Pass**	**Total Fail**	**Total Students Count**
Computer Fundamentals And Digital	45.60	18.50	64.10	1	4	4	7	-	4	-	-	-	-	390.40	11	9	20
Software Lab I	70.05	17.80	87.85	10	4	1	-	-	1	-	-	-	-				
English - Fine Tune Your English	46.80	18.10	64.90	2	2	5	7	-	3	-	1	-	-				
Methodology Of Programming	46.70	17.80	64.50	1	5	3	7	-	2	-	2	-	-				
Mathematics: Discrete Mathematics	42.95	18.40	61.35	2	1	5	6	-	-	-	3	-	2				
Basic Statistics And Introductory Pro	28.75	18.95	47.70	-	1	-	5	-	3	-	3	-	7				

Inference

1. It is observed that least mark is scored in statistics.
2. Highest mark is scored in software Lab.
3. Total pass percentage is 55.

Recommendation

1. It is decided that more concentration and remedial classes will be taken for statistics.
2. More attention should be given to increase the pass percentage.

Strength

1. The course helps to develop a well sounding academic base for an advanced career in Computer Applications.
2. The course also develops a better understanding towards key concepts of various streams in Computer Application like programming, networking, data analysis, software engineering, Unix and may others. 3. BCA Course strengthen analytical and presentation skills, that are the top qualities required by BCA aspirants.
4. Course strengthen the problem solving/decision making abilities in students.

Weakness

1. Syllabus need to be updated as IT field is emerging fast.
2. Lack of IT sectorial expertise knowledge.
3. Students from vernacular background.
4. Lack of knowledge about opportunities.

Opportunity

1. The demand for IT professionals is consultantly increasing both in India and abroad and therefore it offers excellent employment opportunities.
2. Chances of getting University ranks if given good coaching.
3. Work from home increases the opportunities for employability.
4. National and international exposure.

Challenges

1. Seasonal nature of career.
2. Effect of Covid – 19.
3. Students intake is less as compared to other courses.
4. Not updated curriculam

Fr. Dr. Alex Louis CMI
Principal

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