

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2017-18**

Programme: B.Sc MCCS

Year : I

Semester: I

Subject : Computer Science

Course Code: CSC1S

Course Name: Computer Fundamentals & Photoshop

Name of the Faculty: Ch Ravi Kumar

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	94.6	36.8	49.70	72	54.16	65
CO2	94.6	36.8	49.70	70.00	53.76	65
CO3	94.6	36.8	49.70	70.00	53.76	65
CO4	93.3	36.8	49.10	68.00	52.88	65

**PO ATTAINMENT**

		PO1	PO3	PO4	P05
Direct Attainment	CO1	3			3
	CO2	2	2		
	CO3		3		
	CO4			2	
	Total	5	5	2	3
		49.70	49.70	49.10	49.70

**Laboratory Course Attainment**

Course Name: Computer Fundamentals & Photoshop

Course Code: CSC1SP

CO ATTAINMENT	CO1	CO2	CO3	CO4
DIRECT ATTAINMENT	95.60	95.60	95.60	95.60
INDIRECT ATTAINMENT	74	74.00	68.00	76.00
FINAL ATTAINMENT %	91.28	91.28	90.08	91.68

The attainment of CO's by the department of Computer Science is around 54% in theory & 91% in practical. It is advised to improve the theory attainment & maintain the practical attainment for the coming academic year.

*A.V. K. Reddy*  
In-Charge

Department of Computer Science  
Sri ABR Govt. Degree College, Repalle

*X. Sudar*  
Co-ordinator  
IQAC

Sri A.B.R. Govt. Degree College  
REPALLE 522 265  
Guntur. (Dt.), A.P.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2017-18**

Programme: B.Sc MPCS

Year : I

Semester: I

Subject : Computer Science

Course Code: CSC1S

Course Name: Computer Fundamentals & Photoshop

Name of the Faculty: Ch Ravi Kumar

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	100	35.5	51.70	76	56.56	65
CO2	100	35.5	51.70	76.00	56.56	65
CO3	98.6	35.5	51.10	72.00	55.28	65
CO4	99.3	35.5	51.40	68.00	54.72	65

**PO ATTAINMENT**

		PO1	PO3	PO4	P05
Direct Attainment	CO1	3			3
	CO2	2	2		
	CO3		3		
	CO4			2	
	Total	5	5	2	3
		51.70	51.34	51.40	51.70

**Laboratory Course Attainment**

Course Name: Computer Fundamentals & Photoshop

Course Code: CSC1SP

CO ATTAINMENT	CO1	CO2	CO3	CO4
DIRECT ATTAINMENT	98.20	98.20	98.20	98.20
INDIRECT ATTAINMENT	80	84.00	84.00	82.00
FINAL ATTAINMENT %	94.56	95.36	95.36	94.96

The attainment of CO1 by the dept. of Computer Science is around 55% in theory & 94% in practical. It is advised to maintain practical attainment & directed measures to improve the theory attainment for next academic year.

*A.V. K. Reddy*  
In-Charge

Department of Computer Science  
Sri ABR Govt. Degree College, Repalle

*R. Durada*  
Coordinator  
IQAC

Sri A.B.R. Govt. Degree College  
REPALLE 522 265  
Guntur (Dt.), A.P.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2017-18**

Programme: B.Sc MCCS

Year : I

Subject : Computer Science

Course Name: Programming in C

Name of the Faculty: Ch Ravi Kumar

Semester: II

Course Code: CS21S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	100	35.5	51.70	76	56.56	65
CO2	100	35.5	51.70	76.00	56.56	65
CO3	98.6	35.5	51.10	72.00	55.28	65
CO4	99.3	35.5	51.40	68.00	54.72	65
CO5	94.67	40.2	48.90	80.00	55.12	65

**PO ATTAINMENT**

		PO1	PO3	PO4	PO5
Direct Attainment	CO1	3			3
	CO2	2	2		
	CO3		3		
	CO4			2	
	CO5	5	5	2	3
	Total	49.5	49.14	48.9	49.5

**Laboratory Course Attainment**

Course Name: Programming in C

Course Code: CSC2SP

CO ATTAINMENT	CO2	CO3	CO4	CO5
DIRECT ATTAINMENT	83.20	83.20	83.20	83.20
INDIRECT ATTAINMENT	82	82.00	80.00	78.00
FINAL ATTAINMENT %	82.96	82.96	82.56	82.16

The attainment of CO's by the dept of Computer Science is around 55% in theory & 82% in practical. It is advised that to keep up the practical attainment & asked to make measures to improve the CO attainment of theory for the next academic year.

*A.V. K. Srinivas*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

*P. Jayadas*  
 Coordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.). A.P.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2017-18**

Programme: B.Sc MPCS

Year : I

Semester: II

Subject : Computer Science

Course Code: CS21S

Course Name: Programming in C

Name of the Faculty: Ch Ravi Kumar

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	94.6	36.8	49.70	72	54.16	65
CO2	94.6	36.8	49.70	70.00	53.76	65
CO3	94.6	36.8	49.70	70.00	53.76	65
CO4	93.3	36.8	49.10	68.00	52.88	65
CO5	91.33	40.2	53.10	82.00	58.88	65

**PO ATTAINMENT**

		PO1	PO3	PO4	PO5
Direct Attainment	CO1	3			3
	CO2	2	2		
	CO3		3		
	CO4			2	
	CO5	3	2		
	Total	5	5	2	3
		53.10	53.28	53.10	53.10

**Laboratory Course Attainment**

Course Name: Programming in C

Course Code: CSC2SP

CO ATTAINMENT	CO2	CO3	CO4	CO5
DIRECT ATTAINMENT	90.12	90.12	90.12	90.12
INDIRECT ATTAINMENT	78	78.00	78.00	84.00
FINAL ATTAINMENT %	87.7	87.7	87.7	88.9

The attainment of Co's by the dept. of Computer Science in theory is 54% & in Practical 88%. It is advised to increase the Co-attainment for theory subject for the next academic year.

*A.V. [Signature]*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

*[Signature]*  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.). A.P.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2017 - 18**

Programme: B.Sc - MPCS & MCCA

Year : II

Subject : Computer Science

Course Name: Object Oriented Programming Using JAVA

Name of the Faculty:

Semester: III

Course Code: CSC3S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	84.6	39.7	50.9	86	57.92	60
CO2	84.6	39.7	50.9	84	57.52	60
CO3	84.6	39.7	50.9	84	57.52	60
CO4	83.3	39.7	50.3	82	56.64	60
CO5	83.3	39.7	50.3	84	57.04	60
CO6	82	39.7	49.7	82	56.16	60
CO7	82	39.7	49.7	82	56.16	60

PO ATTAINMENT		PO1	PO3	PO4	PO5
	CO1	3		3	3
	CO2	3	3	3	3
	CO3		3	3	
	CO4			3	3
	CO5		3		
	CO6			3	3
	CO7	3			
	Total	9	9	15	12
	Direct Attainment	50.5	50.5	50.54	50.45

The attainment of CO's by the dept of Computer science in theory is 57%. It is requested to improve the attainment levels for the next academic year by taking necessary measures.

*A.V. Reddy*  
In-Charge

Department of Computer Science  
Sri ABR Govt. Degree College, Repalle

*P. Prasad*  
Co-ordinator

**IQAC**

**Sri A.B.R. Govt. Degree College**  
**REPALLE 522 265**  
**Guntur (Dt.), A.P.**

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2017 - 18**

Programme: B.Sc - MPCS & MCCS

Year : II

Subject : Computer Science

Lab Name: Object Oriented Programming Using JAVA Lab

Name of the Faculty:


Semester: III


Course Code: CSC3SP

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	47.2	94.4	76	90.72	90
CO2	47.2	94.4	86	92.72	90
CO3	47.2	94.4	84	92.32	90
CO4	47.2	94.4	84	92.32	90
CO5	47.2	94.4	82	91.92	90
CO6	47.2	94.4	82	91.92	90
CO7	47.2	94.4	82	91.92	90

PO ATTAINMENT		PO1	PO3	PO4	PO5
CO1		3	3	3	3
CO2		3		3	3
CO3			3	3	
CO4		3	3	3	3
CO5		3			3
CO6				3	3
CO7			3		
<b>Total</b>		12	12	15	15
<b>Direct Attainment</b>		95.8	94.4	94.4	94.4

The attainment of CO's in department of computer science in lab is 91%.  
 It is requested to maintain same or above for the next academic year.

  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2017-18**

Programme: B.Sc - MPCs & MCCS

Year : II

Subject : Computer Science

Course Name: Data Structures

Name of the Faculty:


Semester: IV


Course Code: CSC4S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	87.3	39.6	51.53	80	57.22	60
CO2	87.3	39.6	51.53	82	57.62	60
CO3	87.3	39.6	51.53	82	57.62	60
CO4	89	39.6	51.95	80	57.56	60
CO5	89	39.6	51.95	82	57.96	60
CO6	90.67	39.6	52.37	80	57.9	60
CO7	90.67	39.6	52.37	82	58.3	60
CO8	90.67	39.6	52.37	80	57.9	60

PO ATTAINMENT		PO1	PO3	PO4	PO5
	CO1	3	2	3	3
	CO2	3	3	3	3
	CO3	2	3	3	3
	CO4	3	3	3	3
	CO5	3	3	2	3
	CO6	2	2	3	3
	CO7	3	2	3	2
	CO8	3	3	2	2
	Total	22	21	22	22
Direct Attainment		51.95	51.93	51.93	51.91

The attainment of COs Department of computer science in HOD is 57%. It is requested improve the attainment levels for the next academic year by taking necessary all measures.

  
*A.V. K. Srinivas*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

  
 Co-ordinator  
**IQAC**  
**Sri A.B.R. Govt. Degree College**  
**REPALLE 522 265**  
**Guntur (Dt.), A.P.**

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2017-18**

Programme: B.Sc - MPCS & M CCS

Year : II

Subject : Computer Science

Lab Name: Data Structures Lab

Name of the Faculty:

Semester: IV

Course Code: CSC4SP

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	46.1	92.2	80	89.76	90
CO2	46.1	92.2	82	90.16	90
CO3	46.1	92.2	82	90.16	90
CO4	46.1	92.2	80	89.76	90
CO5	46.1	92.2	82	90.16	90
CO6	46.1	92.2	80	89.76	90
CO7	46.1	92.2	82	90.16	90
CO8	46.1	92.2	80	89.76	90

PO ATTAINMENT		PO1	PO3	PO4	PO5
CO1		3		3	3
CO2		3	3		
CO3			3		
CO4		3	3		
CO5			3		3
CO6					
CO7		3			
CO8			2		3
	<b>Total</b>	12	14	3	9
<b>Direct Attainment</b>		92.2	92.2	92.2	92.2

The attainment of COs by Department of computer science in lab is 90%  
 It is requested to maintain same or above for the next academic year.

*(Signature)*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

*(Signature)*  
 Co-ordinator  
**IQAC**  
**Sri A.B.R. Govt. Degree College**  
**REPALLE 522 265**  
**Guntur (Dt.), A.P.**

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2018-19**

Programme: B.Sc MCCS

Year : I

Semester: I

Subject : Computer Science

Course Code: CSC1S

Course Name: Computer Fundamentals & Photoshop

Name of the Faculty: P Arun Kumar

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	94.6	36.8	51.00	86	58	65
CO2	94.6	36.8	51.00	84.00	57.6	65
CO3	94	36.8	50.70	86.00	57.76	65
CO4	96	36.8	50.70	86.00	57.76	65

**PO ATTAINMENT**

		PO1	PO3	PO4	P05
Direct Attainment	CO1	3			3
	CO2	2	2		
	CO3		3		
	CO4			2	
	Total	5	5	2	3
		51.00	50.82	50.70	51.00

**Laboratory Course Attainment**

Course Name: Computer Fundamentals & Photoshop

Course Code: CSC1SP

CO ATTAINMENT	CO1	CO2	CO3	CO4
DIRECT ATTAINMENT	86.20	86.20	86.20	86.20
INDIRECT ATTAINMENT	78	82.00	80.00	84.00
FINAL ATTAINMENT %	84.56	85.36	84.96	85.76

The attainment of CO's by the dept of Computer Science is around 58% in theory, 85% for practical. It is requested to improve the attainment levels for the next academic year by taking the necessary measures.

*(Signature)*

Co-ordinator  
IQAC

Sri A.B.R. Govt. Degree College  
REPALLE 522 265  
Guntur (Dt.), A.P.

*(Signature)*  
In-Charge

Department of Computer Science  
Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2018-19**

Programme: B.Sc MPCs

Year : I

Semester: I

Subject : Computer Science

Course Code: CSC1S

Course Name: Computer Fundamentals & Photoshop

Name of the Faculty: P Arun Kumar

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	92	39.2	53.20	84	59.36	65
CO2	92	39.2	53.20	82.00	58.96	65
CO3	93.3	39.2	53.80	76.00	58.24	65
CO4	92.6	39.2	53.50	84.00	59.6	65

**PO ATTAINMENT**

		PO1	PO3	PO4	P05
Direct Attainment	CO1	3			3
	CO2	2	2		
	CO3		3		
	CO4			2	
	Total	5	5	2	3
		53.20	53.56	53.50	53.20

**Laboratory Course Attainment**

Course Name: Computer Fundamentals & Photoshop

Course Code: CSC1SP

CO ATTAINMENT	CO1	CO2	CO3	CO4
DIRECT ATTAINMENT	92.60	92.60	92.60	92.60
INDIRECT ATTAINMENT	80	84.00	84.00	82.00
FINAL ATTAINMENT %	90.08	90.88	90.88	90.48

The attainment of COs by the dept of Computer Science is around 59% in theory & 90% in practical. It is advised to improve the attainment in respect to theory by taking proper measures.

*A.V. K. Srinivas*  
In-Charge

Department of Computer Science  
Sri ABR Govt. Degree College, Repalle

*A. Chandra*  
Co-ordinator  
IQAC

Sri A.B.R. Govt. Degree College  
REPALLE 522 208  
Guntur (Dt.), A.P.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2018-19**

Programme: B.Sc MCCA

Year : I

Semester: II

Subject : Computer Science

Course Code: CS21S

Course Name: Programming in C

Name of the Faculty: P Arun Kumar

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	96	40.2	49.50	78	55.2	65
CO2	96	40.2	49.50	88.00	57.2	65
CO3	94.67	40.2	48.90	78.00	54.72	65
CO4	94.67	40.2	48.90	80.00	55.12	65
CO5	94.67	40.2	48.90	80.00	55.12	65

**PO ATTAINMENT**

		PO1	PO3	PO4	P05
Direct Attainment	CO1	3			3
	CO2	2	2		
	CO3		3		
	CO4			2	
	CO5	5	5	2	3
	Total		49.5	49.14	48.9

**Laboratory Course Attainment**

Course Name: Programming in C

Course Code: CSC2SP

CO ATTAINMENT	CO2	CO3	CO4	CO5
DIRECT ATTAINMENT	83.20	83.20	83.20	83.20
INDIRECT ATTAINMENT	82	82.00	80.00	78.00
FINAL ATTAINMENT %	82.96	82.96	82.56	82.16

*P. Arun Kumar*  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

The attainment of CO's by the dept of Computer Science is around 55%. for theory & 83.20 in practical. It is advised to improve the attainment with respect to theory by taking necessary measures.

*A.V. ...*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2018-19**

Programme: B.Sc MPCS

Year : I

Semester: II

Subject : Computer Science

Course Code: CS21S

Course Name: Programming in C

Name of the Faculty: P Arun Kumar

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	91.33	40.2	53.10	88	60.08	65
CO2	91.33	40.2	53.10	88.00	60.08	65
CO3	92	40.2	53.40	86.00	59.92	65
CO4	91.33	40.2	53.10	84.00	59.28	65
CO5	91.33	40.2	53.10	82.00	58.88	65

**PO ATTAINMENT**

		PO1	PO3	PO4	PO5
Direct Attainment	CO1	3			3
	CO2	2	2		
	CO3		3		
	CO4			2	
	CO5	3	2		
	Total	5	5	2	3
			53.10	53.28	53.10

**Laboratory Course Attainment**

Course Name: Programming in C

Course Code: CSC2SP

CO ATTAINMENT	CO2	CO3	CO4	CO5
DIRECT ATTAINMENT	90.12	90.12	90.12	90.12
INDIRECT ATTAINMENT	78	78.00	78.00	84.00
FINAL ATTAINMENT %	87.7	87.7	87.7	88.9

*P. Arun Kumar*  
 Co-ordinator  
 IQAC

Sri A.B.R. Govt. Degree College  
 REPALLE 522 285  
 Guntur (Dt.), A.P.

The attainment of CO's by the dept of Computer Science is around 60% in theory & 90% in practical. It is requested to improve the attainment levels for the next academic year by taking necessary measures.

*A.V. Venkatesh*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2018-2019**

Programme: B.Sc - MCCS

Year : II

Subject : Computer Science

Course Name: Object Oriented Programming Using JAVA

Name of the Faculty: G. RAVITEJA

Semester: III

Course Code: CSC3S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	90.67	33.5	48.2	84	55.36	55
CO2	90.67	33.5	48.2	80	54.56	55
CO3	90.67	33.5	48.2	82	54.96	55
CO4	89.33	33.5	47.6	84	54.88	55
CO5	89.33	33.5	47.6	84	54.88	55
CO6	89.33	33.5	47.6	84	54.88	55
CO7	89.33	33.5	47.6	84	54.88	55

PO ATTAINMENT		PO1	PO3	PO4	PO5
	CO1	3		3	3
	CO2	3	3	3	3
	CO3		3	3	
	CO4	3		3	3
	CO5	3	3		
	CO6			3	3
	CO7	3			
	<b>Total</b>	15	9	15	12
	<b>Direct Attainment</b>	38.32	48	38.44	36

The attainment of Co's by the Dept of Computer Science is around 55% in this paper. It is requested to improve the attainment levels for next Academic Year by taking necessary measures.

*G. Raviteja*  
 Co-ordinator  
 IQAC

Sri A.B.R. Govt. Degree College  
 REPALLE 522 255  
 Guntur (Dt.), A.P.

*G. Raviteja*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2018-2019**

Programme: B.Sc - MPCS

Year : II

Subject : Computer Science

Course Name: Object Oriented Programming Using JAVA

Name of the Faculty: G. RAVITEJA

Semester: III

Course Code: CSC3S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	92.67	34.5	49.2	86	56.56	55
CO2	92.67	34.5	49.2	84	56.16	55
CO3	92.67	34.5	49.2	84	56.16	55
CO4	92.67	34.5	49.2	82	55.76	55
CO5	92.67	34.5	49.2	84	56.16	55
CO6	92.67	34.5	49.2	82	55.76	55
CO7	92.67	34.5	49.2	82	55.76	55

PO ATTAINMENT					
		PO1	PO3	PO4	PO5
	CO1	3		3	3
	CO2	3	3	3	3
	CO3		3	3	
	CO4			3	3
	CO5		3		
	CO6			3	3
	CO7	3			
	<b>Total</b>	9	9	15	12
	<b>Direct Attainment</b>	32.8	49.2	39.36	36.9

The attainment of CO's by the Dept. of Computer Science is around 56% in this paper. It is requested to improve the attainment levels for next Academic Year by taking necessary measures.

*(Signature)*  
 Co-ordinator  
 IQAC

Sri A.B.R. Govt. Degree College  
 REPALLE 522 255  
 Guntur (Dt.), A.P.

*(Signature)*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2018-2019**

Programme: B.Sc - MCCS

Year : II

Subject : Computer Science

Lab Name: Object Oriented Programming Using JAVA Lab

Name of the Faculty: G. RAVITEJA

Semester: III

Course Code: CSC3SP

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	43.8	87.6	84	86.88	85
CO2	43.8	87.6	80	86.08	85
CO3	43.8	87.6	82	86.48	85
CO4	43.8	87.6	84	86.88	85
CO5	43.8	87.6	84	86.88	85
CO6	43.8	87.6	84	86.88	85
CO7	43.8	87.6	84	86.88	85

PO ATTAINMENT		PO1	PO3	PO4	PO5
	CO1	3	3	3	3
	CO2	3		3	3
	CO3	2	3	3	2
	CO4	3		3	3
	CO5	3	3		3
	CO6			3	3
	CO7	3			
	<b>Total</b>	<b>17</b>	<b>9</b>	<b>15</b>	<b>17</b>
<b>Direct Attainment</b>		<b>72.14</b>	<b>87.6</b>	<b>70.08</b>	<b>72.14</b>

The attainment of CO's by the Department of Computer Science is around 86% in this Lab. It is requested to maintain the same or above for the next Academic Year.

*(Signature)*  
**Co-ordinator**  
**IQAC**

Sri A.B.R. Govt. Degree College  
 REPALLE 522 255  
 Guntur (Dt.), A.P.

*(Signature)*  
**In-Charge**

Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2018-2019**

Programme: B.Sc - MPC

Year : II

Subject : Computer Science

Lab Name: Object Oriented Programming Using JAVA Lab

Name of the Faculty: G. RAVITEJA

Semester: III

Course Code: CSC3SP

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	47.1	94.2	82	91.76	90
CO2	47.1	94.2	88	92.96	90
CO3	47.1	94.2	84	92.16	90
CO4	47.1	94.2	84	92.16	90
CO5	47.1	94.2	84	92.16	90
CO6	47.1	94.2	82	91.76	90
CO7	47.1	94.2	82	91.76	90

PO ATTAINMENT					
	CO1	PO1	PO3	PO4	PO5
	CO1	3	3	3	3
	CO2	3		3	3
	CO3		3	3	
	CO4	3	3	3	3
	CO5	3			3
	CO6			3	3
	CO7		3		
	<b>Total</b>	12	12	15	15
	<b>Direct Attainment</b>	94.2	70.65	75.36	75.36

The attainment of Co's by the Department of Computer Science is around 92% in this Lab. It is requested to maintain the same or above for the next Academic Year.

*A.V. Chada*  
In-Charge

Department of Computer Science  
Sri ABR Govt. Degree College, Repalle

*A.V. Chada*  
Co-ordinator  
IQAC

Sri A.B.R. Govt. Degree College  
REPALLE 522 265  
Guntur (Dt.), A.P.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2018-2019**

Programme: B.Sc - MCCS

Year : II

Subject : Computer Science

Course Name: Data Structures

Name of the Faculty: G. RAVITEJA

Semester: IV

Course Code: CSC4S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	86.67	36.5	49.4	86	56.72	55
CO2	86.67	36.5	49.4	82	55.92	55
CO3	86.67	36.5	49.4	82	55.92	55
CO4	85.33	36.5	48.8	84	55.84	55
CO5	85.33	36.5	48.8	84	55.84	55
CO6	86	36.5	49.1	84	56.08	55
CO7	86	36.5	49.1	84	56.08	55
CO8	86	36.5	49.1	84	56.08	55

PO ATTAINMENT		PO1	PO3	PO4	PO5
CO1		3	2	3	3
CO2		3	3	3	3
CO3		2	3	3	3
CO4		3	3	3	3
CO5		3	3	2	3
CO6		2	2	3	3
CO7		3	2	3	2
CO8		3	2	2	3
<b>Total</b>		<b>22</b>	<b>20</b>	<b>22</b>	<b>23</b>
<b>Direct Attainment</b>		<b>31.31</b>	<b>34.44</b>	<b>31.32</b>	<b>32.1</b>

The attainment of Co's by the Dept. of Computer Science is around 56% in this paper. It is requested to improve the attainment level for next Academic year by taking necessary measures.

*(Signature)*  
**Co-ordinator**  
**IQAC**

Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

*(Signature)*  
**In-Charge**

Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2018-2019**

Programme: B.Sc - MPCs

Year : II

Subject : Computer Science

Course Name: Data Structures

Name of the Faculty: G. RAVITEJA

Semester: IV

Course Code: CSC4S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	90.67	40	52.8	80	58.24	60
CO2	90.67	40	52.8	82	58.64	60
CO3	90.67	40	52.8	82	58.64	60
CO4	90	40	52.5	80	58	60
CO5	90	40	52.5	82	58.4	60
CO6	90.67	40	52.8	80	58.24	60
CO7	90.67	40	52.8	82	58.64	60
CO8	90.67	40	52.8	80	58.24	60

PO ATTAINMENT		PO1	PO3	PO4	PO5
CO1		3	2	3	3
CO2		3	3	3	3
CO3		2	3	3	3
CO4		3	3	3	3
CO5		3	3	2	3
CO6		2	2	3	3
CO7		3	2	3	2
CO8		3	3	2	2
Total		22	21	22	22
Direct Attainment		33.55	35.15	33.55	35.95

*[Signature]*  
 Co-ordinator  
 IQAC

Sri A. B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

The attainment of CO'S by the Department of Computer Science is around 58% in this paper. It is requested to improve the attainment level for next Academic Year by taking necessary measures.

*[Signature]*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2018-2019**

Programme: B.Sc - MCCS

Year : II

Subject : Computer Science

Lab Name: Data Structures Lab

Name of the Faculty: G. RAVITEJA



Semester: IV

Course Code: CSC4SP

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	44.6	89.2	84	88.16	90
CO2	44.6	89.2	80	87.36	90
CO3	44.6	89.2	82	87.76	90
CO4	44.6	89.2	80	87.36	90
CO5	44.6	89.2	84	88.16	90
CO6	44.6	89.2	84	88.16	90
CO7	44.6	89.2	84	88.16	90
CO8	44.6	89.2	84	88.16	90

PO ATTAINMENT		PO1	PO3	PO4	PO5
CO1		3		3	3
CO2		3	3		
CO3			3		
CO4		3	3		
CO5			3		3
CO6					
CO7		3			
CO8			2		3
<b>Total</b>		12	14	3	9
<b>Direct Attainment</b>		66.9	76.45	89.2	59.46

The attainment of Co's by the Department of Computer Science is around 88% in this lab. It is requested to maintain the same or above for the next Academic Year.

  
 Co-ordinator  
 IQAC  
 SRI A.B.R. Govt. Degree College  
 REPALLE 522 255  
 Guntur (Dt.), A.P.  
  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2018-2019**

Programme: B.Sc - MPCS

Year : II

Subject : Computer Science

Lab Name: Data Structures Lab

Name of the Faculty: G. RAVITEJA

Semester: IV

Course Code: CSC4SP

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	46.1	92.2	80	89.76	90
CO2	46.1	92.2	82	90.16	90
CO3	46.1	92.2	82	90.16	90
CO4	46.1	92.2	80	89.76	90
CO5	46.1	92.2	82	90.16	90
CO6	46.1	92.2	80	89.76	90
CO7	46.1	92.2	82	90.16	90
CO8	46.1	92.2	80	89.76	90

PO ATTAINMENT		PO1	PO3	PO4	PO5
CO1		3		3	3
CO2		3	3		
CO3			3		
CO4		3	3		
CO5			3		3
CO6					
CO7		3			
CO8			2		3
Total		12	14	3	9
Direct Attainment		69.15	79.02	92.2	61.46

The attainment of Co's by the Department of Computer Science is around 90% in this Lab. It is requested to maintain the same or above for the next Academic Year.

*[Signature]*

Co-ordinator  
IQAC

Sri A.B.R. Govt. Degree College  
REPALLE 522 255  
Guntur (Dt.), A.P.

*[Signature]*  
In-Charge

Department of Computer Science  
Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2018-19**

Programme: B.Sc - MPCS & MCCS  
 Year : III  
 Subject : Computer Science  
 Course Name: Data Base Management System  
 Name of the Faculty: P ARUN KUMAR

Semester: V  
 Course Code: CSC55A

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	88	44	54.8	80	59.84	60
CO2	88	44	54.8	86	61.04	60
CO3	88	44	54.8	84	60.64	60
CO4	87.33	44	54.5	84	60.4	60
CO5	87.33	44	54.5	82	60	60
CO6	86	44	53.9	84	59.92	60

PO ATTAINMENT		PO1	PO3	PO4	PO5
	CO1	3		3	3
	CO2	3	3		3
	CO3		3	3	
	CO4	3		3	3
	CO5	3	3		
	CO6		2	3	3
	<b>Total</b>	12	11	12	12
	<b>Direct Attainment</b>	54.65	54.54	54.5	54.5

The attainment of COs by the department of computer science is around 60% in this lab. It is requested to improve the attainment levels by taking necessary requirements for the next academic year.

Department of computer science is requested to improve the attainment levels by taking necessary requirements for the next academic year.

*A.V. [Signature]*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

*P. Prasad*  
 Co-ordinator  
**IQAC**  
**Sri A.B.R. Govt. Degree College**  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2018-2019**

Programme: B.Sc - MPCs & MCCS

Year : III

Subject : Computer Science

Lab Name: Data Base Management System Lab

Name of the Faculty: P ARUN KUMAR

Semester: V

Course Code: CSC55A

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	44.8	89.6	78	87.28	90
CO2	44.8	89.6	80	87.68	90
CO3	44.8	89.6	80	87.68	90
CO4	44.8	89.6	80	87.68	90
CO5	44.8	89.6	82	88.08	90
CO6	44.8	89.6	84	88.48	90

PO ATTAINMENT		PO1	PO3	PO4	PO5
CO1		3	3	3	3
CO2		3		3	3
CO3			3	3	
CO4		3		3	3
CO5		3	3		3
CO6				3	3
<b>Total</b>		12	9	15	15
<b>Direct Attainment</b>		89.6	89.6	89.6	89.6

The attainment of CO's by the department of computer science is around 87% in this lab. It is requested to maintain the same or above levels for next academic year.

*A.V. K...*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

*P. Prasad*  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTERSCIENCE**

**ACADEMIC YEAR: 2018-19**

**Programme: B.Sc - MPCS & MCCS**

**Year : III**

**Semester: V**

**Subject : Computer Science**

**Course Code: CSC5S2**

**Course Name: Software Engineering**

**Name of the Faculty: G RAVI TEJA**

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	86	32.9	46	80	52.8	60
CO2	86	32.9	46	80	52.8	60
CO3	86	32.9	45.4	84	53.12	60
CO4	86	32.9	45.4	84	53.12	60
CO5	85.33	32.9	45.7	82	52.96	60

**PO Attainment**

	PO1	PO3	PO4	PO5
CO1	3		3	3
CO2	3	3		3
CO3		3	3	
CO4	3		3	3
CO5	3	3		
Total	12	9	9	9
<b>Direct Attainment</b>	45.775	45.7	45.6	45.8

**Laboratory Course Attainment**

**Course Name: Software engineering**

**Course Code: CSC5S2**

	CO4	CO5
<b>Indirect</b>	89.80	89.80
<b>Direct</b>	80.00	84.00
<b>Final Attainment</b>	87.84	88.64

The attainment of CO's by the Dept of Computer Science is around 52% in theory papers. It is requested to improve the attainment levels for the next academic by taking necessary measures. The attainment of CO's for the laboratory in 86%. It is requested to maintain the same or above levels for the next academic year.

*P. Prasad*  
 Co-ordinator  
 IQAC

Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

*A.V. Reddy*  
 In-Charge

Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTERSCIENCE**

**ACADEMIC YEAR: 2018-19**

Programme: B.Sc(MCCS & MPCS)

Year : III

Semester: VI

Subject : Computer Science

Course Code: CSC6SC

Course Name: Web technologies

Name of the Faculty: G RAVITEJA

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	94.6	36.1	50.50	80	56.4	60
CO2	94.6	36.1	50.50	80.00	56.4	60
CO3	92	36.1	49.30	80.00	55.44	60
CO4	92	36.1	49.30	80.00	55.44	60
CO5	91.33	36.1	49.00	88.00	56.8	60

**PO Attainment**

		PO1	PO3	PO4	PO5
Direct Attainment	CO1	3		3	3
	CO2	3	3		3
	CO3		3	3	
	CO4	3		3	3
	CO5	3	3		
	Total	12	9	9	9
		49.83	49.60	49.70	50.10

**Laboratory Course Attainment**

Course Name: Web Technologies

Course Code: CSC6SC

	CO4	CO5
Indirect	95.4	95.4
Direct	80	82.4
Final Attainment	92.32	92.72

*P. Dipada*  
Co-ordinator  
IQAC

Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

*A.V. Venkatesh*  
In-Charge

Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

The attainment of CO's by the Dept of computer science is around 56% in theory paper. It is requested to improve the attainment levels for the next academic by taking necessary measures. The attainment of CO's for the laboratory 92%. It is requested to maintain the same or above levels for the next academic year.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2018-19**

Programme: B.Sc - MPCs & MCCS - COMPUTER CLUSTER

Year : III

Subject : Computer Science

Course Name: Big Data Technology

Name of the Faculty: A KAVITHA

Semester: VI

Course Code: CSC6SA2

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	83.33	32	43.5	84	51.6	60
CO2	83.33	32	43.5	88	52.4	60
CO3	85.33	32	44.4	86	52.72	60

PO ATTAINMENT		PO1	PO3	PO4	PO5
CO1		3		3	3
CO2		3	3		3
CO3			3	3	
	<b>Total</b>	6	6	6	6
	<b>Direct Attainment</b>	43.5	43.95	43.95	43.5

The attainment of COs by the department of computer science is around 52% in this paper. It is requested to improve the attainment levels for the next academic year by taking necessary measures.

*A.V. Lakshmi*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

*P. Prada*  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2018-19**

Programme: B.Sc - MPCS & MCCS - COMPUTER CLUSTER

Year : III

Semester: VI

Subject : Computer Science

Course Code: CSC6SA2

Lab Name: Big Data Technology Lab

Name of the Faculty: A KAVITHA

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	46	92	84	90.4	95
CO2	46	92	88	91.2	95
CO3	46	92	86	90.8	95

PO ATTAINMENT					
		PO1	PO3	PO4	PO5
	CO1	3		3	3
	CO2	3	3		3
	CO3		3	3	
	<b>Total</b>	6	6	6	6
<b>Direct Attainment</b>		92	92	92	92

The attainment of CO's by the Department of Computer Science is around 90%. It is requested to maintain the same or above levels for the next academic year.

*A.V. Lakshmi*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

*P. Prasad*  
 Co-ordinator  
 IQAC

**Sri A.B.R. Govt. Degree College**  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2018-19**

Programme: B.Sc.MPCS & MCCS

Year : III

Semester: VI

Subject : Computer Science

Course Code: CS6SA1S

Course Name: Foundations of Data Science

Name of the Faculty: P ARUN KUMAR

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	92.6	40.6	53.60	86	60.08	65
CO2	92	40.6	53.30	84.00	59.44	65
CO3	90.6	40.6	52.70	82.00	58.56	65

**PO ATTAINMENT**

		PO1	PO3	PO4	P05
Direct Attainment	CO1	3		2	3
	CO2	2	2		
	CO3		3		
	Total	5	5	2	3
		53.48	52.94	53.60	53.60

**Laboratory Course Attainment**

Course Name: Foundations of Data Science

Course Code: CSC6SA1P

CO ATTAINMENT	CO1	CO2	CO3
DIRECT ATTAINMENT	97.00	97.00	97.00
INDIRECT ATTAINMENT	84	82.00	84.00
FINAL ATTAINMENT %	94.4	94	94.4

**PO ATTAINMENT**

		PO1	PO3	PO4	P05
	CO1	3			3
	CO2	2	2		
	CO3		3	2	2
	CO4			2	
	Total	5	5	2	5
irect Attainment		97.00	97.00	97.00	97.00

The attainment of COs in Department of computer science is around 59% in theory paper. It is requested to improve the attainments levels for the next academic by taking necessary measures. The attainment of COs for the laboratory part. It is required to maintain the same or above levels for the next academic year.

*A.V. Venkatesh*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

*P. Prasad*  
 Co-ordinator  
 IQAC

**Sri A.B.R. Govt. Degree College**  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2018-19**

Programme: B.Sc.MPCS & MCCA

Year : III

Subject : Computer Science

Course Name: Foundations of Data Science, PROJECT

Name of the Faculty: P ARUN KUMAR

Semester: VI

Course Code: CS6SA1

**Laboratory Course Attainment**

Course Name: Foundations of Data Science

Course Code: CSC6SA1

CO ATTAINMENT	CO1	CO2	CO3
DIRECT ATTAINMENT	89.60	89.60	89.60
INDIRECT ATTAINMENT	84	74.00	84.00
FINAL ATTAINMENT %	88.48	86.48	88.48

**PO ATTAINMENT**

	PO1	PO2	PO3	P09
CO1	3			3
CO2	2	2		
CO3		3	1	
Total	5	5	1	3
irect Attainment	89.60	89.60	89.60	89.60

*A.V. ...*  
In-Charge

Department of Computer Science  
Sri ABR Govt. Degree College, Repalle

*P. Prada*  
Co-ordinator  
IQAC

Sri A.B.R. Govt. Degree College  
REPALLE 522 265  
Guntur (Dt.), A.P.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2020-21**

Programme: B.Sc MCCS & MPCS

Year : I

Semester: I

Subject : Computer Science

Course Code: CSC1SK

Course Name: Problem Solving using C

Name of the Faculty: P Arun Kumar

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	88.6	34.2	46.00	88	54.4	60
CO2	88.6	34.2	46.00	82.00	53.2	60
CO3	94.6	34.2	48.70	88.00	56.56	60
CO4	94.6	34.2	48.70	84.00	55.76	60

**PO ATTAINMENT**

		PO1	PO3	PO4	P05
Direct Attainment	CO1	3			3
	CO2	2	2		
	CO3		3		
	CO4			2	
	Total	5	5	2	3
		46.00	47.62	48.70	46.00

**Laboratory Course Attainment**

Course Name: Problem Solving using C

Course Code: CSC1SK

CO ATTAINMENT	CO1	CO2	CO3	CO4
DIRECT ATTAINMENT	95.40	95.40	95.40	95.40
INDIRECT	80	78.00	78.00	78.00
FINAL ATTAINMENT %	92.32	91.92	91.92	91.92

*A.V. ...*  
In-Charge

Department of Computer Science  
Sri ABR Govt. Degree College, Repalle

*P. Prada*  
Co-ordinator

IQAC

Sri A.B.R. Govt. Degree College  
REPALLE 522 265  
Guntur (Dt.), A.P.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2020-21**

Programme: B.Sc MCCS & MPCS

Year : I

Semester: II

Subject : Computer Science

Course Code: CSC2SK

Course Name: Data Structures Using C

Name of the Faculty: P Arun Kumar

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	87.33	34.9	47.90	90	56.32	65
CO2	87.33	34.9	47.90	86.00	55.52	65
CO3	86.67	34.9	47.60	86.00	55.28	65
CO4	86	34.9	47.30	88.00	55.44	65
CO5	86	34.9	47.30	84.00	54.64	65

**PO ATTAINMENT**

		PO1	PO3	PO4	P05
Direct Attainment	CO1	3			3
	CO2	2	2		
	CO3		3		
	CO4			2	
	CO5	3	2		
	Total	5	5	2	3
		47.90	47.72	47.30	47.90

**Laboratory Course Attainment**

Course Name: Programming in C

Course Code: CSC2SP

CO ATTAINMENT	CO2	CO3	CO4	CO5
DIRECT ATTAINMENT	86.00	86.00	86.00	86.00
INDIRECT ATTAINMENT	88	86.00	88.00	84.00
FINAL ATTAINMENT %	86.4	86	86.4	85.6

*A.V. Reddy*  
In-Charge

Department of Computer Science  
Sri ABR Govt. Degree College, Repalle

*P. Prasad*  
Co-ordinator  
IQAC

Sri A.B.R. Govt. Degree College  
REPALLE 522 265  
Guntur (Dt.), A.P.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2020-2021**

Programme: B.Sc - MCCA

Year : II

Subject : Computer Science

Lab Name: Object Oriented Programming Using JAVA Lab

Name of the Faculty: G. RAVITEJA

Semester: III

Course Code: CSC3SP

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	41.7	83.4	84	83.52	90
CO2	41.7	83.4	80	82.72	90
CO3	41.7	83.4	82	83.12	90
CO4	41.7	83.4	78	82.32	90
CO5	41.7	83.4	84	83.52	90
CO6	41.7	83.4	78	82.32	90
CO7	41.7	83.4	84	83.52	90

PO ATTAINMENT		PO1	PO3	PO4	PO5
CO1		3	3	3	3
CO2		3		3	3
CO3		2	3	3	2
CO4		3		3	3
CO5		3	3		3
CO6				3	3
CO7		3			
Total		17	9	15	17
Direct Attainment		68.68	83.4	66.72	68.68

*G. Prasad*  
 Co-ordinator

**IQAC**  
**Sri A.B.R. Govt. Degree College**  
**REPALLE 522 285**  
**Guntur. (Dt.), A.P.**

*A.V. Reddy*  
 In-Charge

Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

The attainment of CO'S by the Department of Computer Science is around 83% in this lab. It is requested to maintain the same or above for the next Academic year.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2020-2021**

Programme: B.Sc - MPCS

Year : II

Subject : Computer Science

Lab Name: Object Oriented Programming Using JAVA Lab

Name of the Faculty: G. RAVITEJA

Semester: III

Course Code: CSC3SP

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	46.5	93	82	90.8	90
CO2	46.5	93	88	92	90
CO3	46.5	93	84	91.2	90
CO4	46.5	93	84	91.2	90
CO5	46.5	93	84	91.2	90
CO6	46.5	93	82	90.8	90
CO7	46.5	93	82	90.8	90

PO ATTAINMENT		PO1	PO3	PO4	PO5
CO1		3	3	3	3
CO2		3		3	3
CO3			3	3	
CO4		3	3	3	3
CO5		3			3
CO6				3	3
CO7			3		
Total		12	12	15	15
Direct Attainment		93	69.75	74.4	74.4

  
 Co-ordinator  
 IQAC

**Sri A.B.R. Govt. Degree College**  
**REPALLE 522 265**  
**Guntur. (Dt.), A.P.**

  
 In-Charge

Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

The attainment of CO'S by the Department of Computer Science is around 90% in this Lab. It is requested to maintain the same or above for the next Academic Year.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2020-2021**

Programme: B.Sc - MCCS

Year : II

Subject : Computer Science

Course Name: Object Oriented Programming Using JAVA

Name of the Faculty: G. RAVITEJA

Semester: III

Course Code: CSC3S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	72	30.5	41.1	84	49.68	50
CO2	72	30.5	41.1	80	48.88	50
CO3	72	30.5	41.1	82	49.28	50
CO4	71.33	30.5	40.8	78	48.24	50
CO5	71.33	30.5	40.8	84	49.44	50
CO6	70.67	30.5	40.5	78	48	50
CO7	70.67	30.5	40.5	84	49.2	50

PO ATTAINMENT	PO1	PO3	PO4	PO5
CO1	3		3	3
CO2	3	3	3	3
CO3		3	3	
CO4	3		3	3
CO5	3	3		
CO6			3	3
CO7	3			
<b>Total</b>	15	9	15	12
<b>Direct Attainment</b>	32.7	40.9	32.82	30.75

*(Signature)*  
 Co-ordinator  
 IQAC

Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

*(Signature)*  
 In-Charge

Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

The attainment of CO's by the Dept. of Computer Science is around 50% in this paper. It is requested to improve the attainment level for next academic year by taking necessary measures.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2020-2021**

Programme: B.Sc - MPCS

Year : II

Subject : Computer Science

Course Name: Object Oriented Programming Using JAVA

Name of the Faculty: G. RAVITEJA

Semester: III

Course Code: CSC3S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
			45.9	82	53.12	50
CO1	86.67	32.3	45.9	88	54.32	50
CO2	86.67	32.3	45.9	84	53.52	50
CO3	86.67	32.3	46.2	84	53.76	50
CO4	87.33	32.3	46.2	84	53.76	50
CO5	87.33	32.3	45.9	82	53.12	50
CO6	86.67	32.3	45.9	82	53.12	50
CO7	86.67	32.3				

PO ATTAINMENT	PO1	PO3	PO4	PO5
			3	3
CO1	3		3	3
CO2	3	3	3	
CO3		3	3	3
CO4	3		3	
CO5	3	3	3	3
CO6				
CO7	3			
Total	15	9	15	12
Direct Attainment	36.78	45.9	36.78	34.5

*G. Prasad*  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

*A.V. Reddy*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

The attainment of the CO'S by the Dept. of Computer Science is around 53% in this paper. It is suggested to improve the attainment levels for next Academic Year by taking necessary measures.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2020-2021**

**Programme: B.Sc - MCCS**  
**Year : II**  
**Subject : Computer Science**  
**Course Name: Data Structures**  
**Name of the Faculty: G. RAVITEJA**

**Semester: IV**  
**Course Code: CSC4S**

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	90	35.1	48.9	84	55.92	50
CO2	90	35.1	48.9	80	55.12	50
CO3	90	35.1	48.9	82	55.52	50
CO4	90	35.1	48.9	78	54.72	50
CO5	90	35.1	48.9	84	55.92	50
CO6	90	35.1	48.9	78	54.72	50
CO7	90	35.1	48.9	84	55.92	50
CO8	90	35.1	48.9	84	55.92	50

PO ATTAINMENT	PO1	PO3	PO4	PO5
CO1	3	2	3	3
CO2	3	3	3	3
CO3	2	3	3	3
CO4	3	3	3	3
CO5	3	3	2	3
CO6	2	2	3	3
CO7	3	2	3	2
CO8	3	2	2	3
<b>Total</b>	<b>22</b>	<b>20</b>	<b>22</b>	<b>23</b>
<b>Direct Attainment</b>	<b>31.11</b>	<b>34.23</b>	<b>31.11</b>	<b>31.11</b>

*(Signature)*  
**Co-ordinator**  
**IQAC**  
**Sri A.B.R. Govt. Degree College**  
**REPALLE 522 265**  
**Guntur (Dt.), A.P.**

*(Signature)*  
**In-Charge**  
**Department of Computer Science**  
**Sri ABR Govt. Degree College, Repalle**

The attainment of CO'S by the Dept of Computer Science is around 55% in this paper. It is requested to improve the attainment levels for the next Academic year by taking necessary measure.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2020-2021**

Programme: B.Sc - MPCS

Year : II

Subject : Computer Science

Course Name: Data Structures

Name of the Faculty: G. RAVITEJA

Semester: IV

Course Code: CSC4S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	96.67	42.8	56.2	80	60.96	60
CO2	96.67	42.8	56.2	82	61.36	60
CO3	96.67	42.8	56.2	82	61.36	60
CO4	96.67	42.8	56.2	80	60.96	60
CO5	96.67	42.8	56.2	82	61.36	60
CO6	97.33	42.8	56.5	80	61.2	60
CO7	97.33	42.8	56.5	82	61.6	60
CO8	97.33	42.8	56.5	80	61.2	60

PO ATTAINMENT		PO1	PO3	PO4	PO5
CO1		3	2	3	3
CO2		3	3	3	3
CO3		2	3	3	3
CO4		3	3	3	3
CO5		3	3	2	3
CO6		2	2	3	3
CO7		3	2	3	2
CO8		3	3	2	2
<b>Total</b>		<b>22</b>	<b>21</b>	<b>22</b>	<b>22</b>
<b>Direct Attainment</b>		<b>35.8</b>	<b>37.5</b>	<b>35.79</b>	<b>38.35</b>

*A. Chirada*  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur. (Dt.), A.P.

*A.V. Reddy*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

The attainment of CO'S by the Dept. of Computer Science is around 60% in this papers. It is requested to improve the attainment level for next Academic Year by taking necessary measures.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2020-2021**

Programme: B.Sc - MCCS

Year : II

Subject : Computer Science

Lab Name: Data Structures Lab

Name of the Faculty: G. RAVITEJA

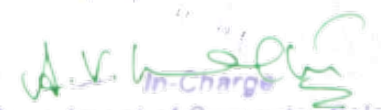
Semester: IV

Course Code: CSC4SP

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	41.8	83.6	84	83.68	90
CO2	41.8	83.6	80	82.88	90
CO3	41.8	83.6	82	83.28	90
CO4	41.8	83.6	78	82.48	90
CO5	41.8	83.6	84	83.68	90
CO6	41.8	83.6	78	82.48	90
CO7	41.8	83.6	84	83.68	90
CO8	41.8	83.6	84	83.68	90

PO ATTAINMENT	PO1	PO3	PO4	PO5
CO1	3		3	3
CO2	3	3		
CO3		3		
CO4	3	3		
CO5		3		3
CO6				
CO7	3			
CO8		2		3
Total	12	14	3	9
Direct Attainment	62.7	71.65	83.6	55.73

  
**Co-ordinator**  
**IQAC**  
**Sri A.B.R. Govt. Degree College**  
**REPALLE 522 265**  
**Guntur (Dt.), A.P.**

  
**In-Charge**  
**Department of Computer Science**  
**Sri ABR Govt. Degree College, Repalle**

The attainment of CO's by the Department of Computer Science is around 83% in this lab. It is requested to maintain the same or above for the next Academic Year.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2020-2021**

Programme: B.Sc - MPCS

Year : II

Subject : Computer Science

Lab Name: Data Structures Lab

Name of the Faculty: G. RAVITEJA

Semester: IV

Course Code: CSC4SP

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	47.7	95.4	80	92.32	90
CO2	47.7	95.4	82	92.72	90
CO3	47.7	95.4	82	92.72	90
CO4	47.7	95.4	80	92.32	90
CO5	47.7	95.4	82	92.72	90
CO6	47.7	95.4	80	92.32	90
CO7	47.7	95.4	82	92.72	90
CO8	47.7	95.4	80	92.32	90

PO ATTAINMENT		PO1	PO3	PO4	PO5
CO1		3		3	3
CO2		3	3		
CO3			3		
CO4		3	3		
CO5			3		3
CO6					
CO7		3			
CO8			2		3
Total		12	14	3	9
Direct Attainment		71.55	81.77	95.4	63.6

*(Signature)*  
 Co-ordinator  
**IQAC**  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

*(Signature)*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

The attainment of COs by the Department of Computer Science is around 93% in this Lab. It is requested to maintain the same or above for the next Academic Year.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2020-2021**

**Programme: B.Sc - MCCS**

**Year : III**

**Subject : Computer Science**

**Course Name: Data Base Management System**

**Name of the Faculty: A.V. KAVITHA**

**Semester: V**

**Course Code: CSC5SA**

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	66.67	35.8	43.7	84	51.76	55
CO2	66.67	35.8	43.7	80	50.96	55
CO3	66.67	35.8	43.7	82	51.36	55
CO4	68	35.8	44.3	88	53.04	55
CO5	68	35.8	44.3	84	52.24	55
CO6	66.67	35.8	43.7	80	50.96	55

PO ATTAINMENT	PO1	PO3	PO4	PO5
CO1	3		3	3
CO2	3	3		3
CO3		3	3	
CO4	3		3	3
CO5	3	3		
CO6		2	3	3
<b>Total</b>	<b>12</b>	<b>11</b>	<b>12</b>	<b>12</b>
<b>Direct Attainment</b>	<b>44</b>	<b>43.86</b>	<b>43.85</b>	<b>43.85</b>

*R. Prasad*  
**Coordinator**  
**IQAC**  
**Sri A.B.R. Govt. Degree College**  
**REPALLE 522 265**  
**Guntur (Dt.), A.P.**

*A.V. Kavitha*  
**In-Charge**  
**Department of Computer Science**  
**Sri ABR Govt. Degree College, Repalle**

The attainment of Co's by the Dept. of Computer Science is around 51% in this paper. It is requested to improve the attainment levels for next Academic Year by taking necessary measures.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2020-2021**

**Programme: B.Sc - MPC**

**Year : III**

**Subject : Computer Science**

**Course Name: Data Base Management System**

**Name of the Faculty: A.V. KAVITHA**

**Semester: V**

**Course Code: CSC5SA**

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	78	41.8	51.3	80	57.04	55
CO2	78	41.8	51.3	84	57.84	55
CO3	78	41.8	51.3	84	57.84	55
CO4	75.33	41.8	50.1	80	56.08	55
CO5	75.33	41.8	50.1	82	56.48	55
CO6	76.67	41.8	50.7	84	57.36	55

PO ATTAINMENT	PO1	PO3	PO4	PO5
CO1	3		3	3
CO2	3	3		3
CO3		3	3	
CO4	3		3	3
CO5	3	3		
CO6		2	3	3
<b>Total</b>	<b>12</b>	<b>11</b>	<b>12</b>	<b>12</b>
<b>Direct Attainment</b>	<b>50.7</b>	<b>50.86</b>	<b>50.85</b>	<b>50.85</b>

*A. V. Kavitha*  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur. (Dt.), A.P.

The attainment of Co's by the Dept. of Computer Science is around 56% in this paper. It is suggested to improve the attainment level for next Academic year by taking necessary measures.

*A.V. Kavitha*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2020-2021**

Programme: B.Sc - MCCS

Year : III

Subject : Computer Science

Lab Name: Data Base Management System Lab

Name of the Faculty: A.V. KAVITHA

Semester: V

Course Code: CSC5SA

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	41.4	82.8	84	83.04	85
CO2	41.4	82.8	80	82.24	85
CO3	41.4	82.8	82	82.64	85
CO4	41.4	82.8	80	82.24	85
CO5	41.4	82.8	84	83.04	85
CO6	41.4	82.8	82	82.64	85

PO ATTAINMENT	PO1	PO3	PO4	PO5
CO1	3	3	3	3
CO2	3		3	3
CO3		3	3	
CO4	3		3	3
CO5	3	3		3
CO6			3	3
Total	12	9	15	15
Direct Attainment	82.8	82.8	82.8	82.8

The attainment of CO's by the Dept. of Computer Science is around 82% in this Lab. It is requested to maintain the same or above for the next Academic Year.

*R. Chandra*  
 Co-ordinator

**IQAC**  
**Sri A.B.R. Govt. Degree College**  
**REPALLE 522 265**  
**Guntur. (Dt.), A.P.**

*A.V. Kavitha*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2020-2021**

**Programme: B.Sc - MPCS**

**Year : III**

**Subject : Computer Science**

**Lab Name: Data Base Management System Lab**


**Name of the Faculty: A.V. KAVITHA**

**Semester: V**


**Course Code: CSC5SA**

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	46.3	92.6	80	90.08	90
CO2	46.3	92.6	84	90.88	90
CO3	46.3	92.6	84	90.88	90
CO4	46.3	92.6	80	90.08	90
CO5	46.3	92.6	82	90.48	90
CO6	46.3	92.6	84	90.88	90

PO ATTAINMENT	PO1	PO3	PO4	PO5
CO1	3	3	3	3
CO2	3		3	3
CO3		3	3	
CO4	3		3	3
CO5	3	3		3
CO6			3	3
<b>Total</b>	<b>12</b>	<b>9</b>	<b>15</b>	<b>15</b>
<b>Direct Attainment</b>	<b>92.6</b>	<b>92.6</b>	<b>92.6</b>	<b>92.6</b>

  
**Co-ordinator**  
**IQAC**  
**Sri A.B.R. Govt. Degree College**  
**REPALLE 522 265**  
**Guntur. (Dt.), A.P.**

The attainment of CO'S by the Dept of Computer Science is around 90% in this Lab. It is requested to maintain the same or above for the next Academic Year.

  
**In-Charge**  
**Department of Computer Science**  
**Sri ABR Govt. Degree College, Repalle**

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTERSCIENCE**  
**ACADEMIC YEAR: 2020-21**

Programme: B.Sc(MCCS)

Year : III

Semester: V

Subject : Computer Science

Course Code: CSC5S2

Course Name: Software Engineering

Name of the Faculty: G.RAVI TEJA

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	98	38.9	53.70	82	59.36	50
CO2	98	38.9	53.70	90.00	60.96	50
CO3	96	38.9	52.80	90.00	60.24	50
CO4	96	38.9	52.80	94.00	61.04	50
CO5	92.67	38.9	51.30	88.00	58.64	50

**PO Attainment**

	PO1	PO3	PO4	PO5
CO1	3	3	3	3
CO2	3	3	3	3
CO3		3	3	3
CO4	3		3	3
CO5	3	3	3	3
Total	12	12	15	12
<b>Direct Attainment</b>	40.05	40.05	42.6	40.05

**Laboratory Course Attainment**

Course Name: Software engineering

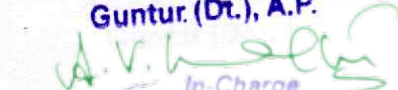
Course Code: CSC5S2

	CO4	CO5
Indirect	94	88
Direct	85	85
Final Attainment	86.8	85.6

The attainment of CO's by the dept. of computer science is around 59% in theory paper. It is requested to improve the attainment levels for the next academic year by taking necessary measures. The attainment of CO's for the laboratory is 86%. It is requested to maintain the same or above level for the next academic year.

  
 Co-ordinator  
 IQAC

Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur. (Dt.), A.P.

  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTERSCIENCE**  
**ACADEMIC YEAR: 2020-21**

Programme: B.Sc(MPCS)

Year : III

Subject : Computer Science

Course Name: Software Engineering

Name of the Faculty: G RAVITEJA

Semester: V

Course Code: CSC5S2

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	86.33	43	54.1	90	61.28	50
CO2	86.33	43	54.1	88	60.88	50
CO3	83.33	43	53.2	86	59.76	50
CO4	83.33	43	53.2	86	59.76	50
CO5	79.33	43	51.4	84	57.92	50

**PO Attainment**

	PO1	PO3	PO4	PO5
CO1	3	3	3	3
CO2	3	3	3	3
CO3		3	3	
CO4	3		3	3
CO5	3	3	3	3
Total	12	12	15	12
<b>Direct Attainment</b>	34.275	34.275	36.44	34.275

*A.V. Reddy*  
 In-Charge

Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**Laboratory Course Attainment**

Course Name: Software engineering

Course Code: CSC5S2

	CO4	CO5
Indirect	90	96
Direct	96.6	96.6
<b>Final Attainment</b>	92.4	93.2

The attainment of CO1 by the dept. of Computer Science is around 58% in theory paper. It is requested to improve the attainment levels for the next academic year by taking necessary measures. The attainment of CO1 for the laboratory is 92%. It is requested to maintain the same or above levels for the next academic year.

*G. Chalas*  
 Co-ordinator  
 IQAC

Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur. (Dt.), A.P.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTERSCIENCE**  
**ACADEMIC YEAR: 2020-21**

Programme: B.Sc(MCCS)

Year : III

Subject : Computer Science

Course Name: Web technologies

Name of the Faculty: G RAVITEJA

Semester: VI

Course Code: CSC6SC

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	98	38.9	53.70	82	59.36	50
CO2	98	38.9	53.70	90.00	60.96	50
CO3	96	38.9	52.80	90.00	60.24	50
CO4	96	38.9	52.80	94.00	61.04	50
CO5	92.67	38.9	51.30	98.00	60.64	50

**PO Attainment**

		PO1	PO3	PO4	PO5	
Direct Attainment	CO1	3	3	3	3	
	CO2	3	3	3	3	
	CO3		3	3		
	CO4	3		3	3	
	CO5	3	3	3	3	
	Total		12	12	15	12
			40.05	40.05	42.60	40.05

**Laboratory Course Attainment**

Course Name: Web Technologies

Course Code: CSC6SC

	CO4	CO5
Indirect	88	86
Direct	90.8	90.8
Final Attainment	90.24	89.84

*(Signature)*  
 Co-ordinator  
 IQAC

Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur. (Dt.), A.P.

*(Signature)*  
 In-Charge

Department of Computer Science  
 Sri ABR Govt Degree College, Repalle

The attainment of COs by the dept. of computer science is around 59% in theory paper. It is requested to improve the attainment level for the next academic year by taking necessary measures. The attainment COs for the laboratory is 86%. It is requested to the same or above level for the next academic year.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTERSCIENCE**  
**ACADEMIC YEAR: 2020-21**

Programme: B.Sc(MPCS)

Year : III

Subject : Computer Science

Course Name: Web technologies

Name of the Faculty: G RAVITEJA

Semester: VI

Course Code: CSC6SC

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	98.67	41.2	55.70	92	62.96	50
CO2	98.67	41.2	55.70	88.00	62.16	50
CO3	98	41.2	55.40	92.00	62.72	50
CO4	98	41.2	55.40	90.00	62.32	50
CO5	94.67	41.2	53.90	96.00	62.32	50

**PO Attainment**

	PO1	PO3	PO4	PO5
CO1	3		3	3
CO2	3	3	3	3
CO3	2	3	3	2
CO4	3		3	3
CO5	3	3	3	3
Total	14	9	15	14
	43.66	37.03	44.44	43.66

**Laboratory Course Attainment**

Course Name: Web Technologies


Course Code: CSC6SC

	CO1	CO2
Indirect	90	96
Direct	96.6	96.6
Final Attainment	92.4	93.2

The attainment of co's by the dept. of Computer science is around 62% in theory paper. It is requested to improve the attainment levels for the next academic year by taking necessary measures. The attainment of co's for the laboratory is 93%. It is requested to maintain the same or above level for the next academic year.

  
 Co-ordinator  
 IQAC

Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur. (Dt.), A.P.

  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2020-2021**

**Programme: B.Sc - MPCs & MCCS - COMPUTER CLUSTER**

**Year : III**

**Subject : Computer Science**

**Course Name: Big Data Technology**

**Name of the Faculty: A.V. KAVITHA**

**Semester: VI**

**Course Code: CSC6SA2**


CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	94	44	56.7	84	62.16	65
CO2	93.33	44	56.4	86	62.32	65
CO3	94	44	56.7	82	61.76	65

PO ATTAINMENT	PO1	PO3	PO4	PO5
CO1	3		3	3
CO2	3	3		3
CO3		3	3	
<b>Total</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>
<b>Direct Attainment</b>	<b>56.55</b>	<b>56.55</b>	<b>56.7</b>	<b>56.55</b>

  
**Co-ordinator**  
**IQAC**

**Sri A.B.R. Govt. Degree College**  
**REPALLE 522 265**  
**Guntur (Dt.), A.P.**

The attainment of CO's by the Dept. of Computer Science is around 61% in this paper. It is requested to improve the attainment level for next Academic Year by taking necessary measures.

  
**In-Charge**  
**Department of Computer Science**  
**Sri ABR Govt. Degree College, Repalle**

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2020-21**

Programme: B.Sc.MPCS & MCCA

Year : III

Subject : Computer Science

Course Name: Foundations of Data Science

Name of the Faculty: P ARUN KUMAR

Semester: VI

Course Code: CS6SA1S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	95.33	43.2	56.30	78	60.64	65
CO2	95.33	43.2	56.30	82.00	61.44	65
CO3	95.33	43.2	56.30	78.00	60.64	65

**PO ATTAINMENT**

		PO1	PO3	PO4	PO5
Direct Attainment	CO1	3		2	3
	CO2	2	2		
	CO3		3		
	Total	5	5	2	3
		56.30	56.30	56.30	56.30

**Laboratory Course Attainment**

Course Name: Foundations of Data Science

Course Code: CSC6SA1P

CO ATTAINMENT	CO1	CO2	CO3
DIRECT ATTAINMENT	89.40	89.40	89.40
INDIRECT ATTAINMENT	78	78.00	84.00
FINAL ATTAINMENT %	87.12	87.12	88.32

The attainment for Computer Science for theory is 60% and for the practical is 89%. It is advised to improve the attainment levels for the next academic year by taking necessary measures.

*A.V. K. Srinivas*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

*P. Chiradas*  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2020-2021**

**Programme: B.Sc - MPCS & MCCS - COMPUTER CLUSTER**

**Year : III**

**Subject : Computer Science**

**Lab Name: Big Data Technology**

**Name of the Faculty: A.V. KAVITHA**


**Semester: VI**


**Course Code: CSC6SA2**

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	44.9	89.8	84	88.64	90
CO2	44.9	89.8	86	89.04	90
CO3	44.9	89.8	82	88.24	90

PO ATTAINMENT		PO1	PO3	PO4	PO5
	CO1	3		3	3
	CO2	3	3		3
	CO3		3	3	
	Total	6	6	6	6
Direct Attainment		89.8	89.8	89.8	89.8

The attainment of COs by the Department of Computer Science is around 88%. In this Lab. It is requested to maintain the same or above for the next Academic Year.

  
**Co-ordinator**  
**IQAC**  
**Sri A.B.R. Govt. Degree College**  
**REPALLE 522 265**  
**Guntur. (Dt.), A.P.**

  
**In-Charge**  
**Department of Computer Science**  
**Sri ABR Govt. Degree College, Repalle**

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2020-21**

Programme: B.Sc.MPCS & M CCS

Year : III

Subject : Computer Science

Course Name: Cluster Project

Name of the Faculty: P ARUN KUMAR

Semester: VI

Course Code: CS6SA1

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	91	91.00	78	88.4	85
CO2	91	91.00	76.00	88	85
CO3	91	91.00	84.00	89.6	85

CO ATTAINMENT	CO1	CO2	CO3
DIRECT ATTAINMENT	91.00	91.00	91.00
INDIRECT ATTAINMENT	78	76.00	84.00
FINAL ATTAINMENT %	88.4	88	89.6

PO ATTAINMENT	PO1	PO2	PO3	P09
				3
CO1	3			3
CO2	2	2		
CO3		3	1	
Total	5	5	1	3
Direct Attainment	91	91	91	91

The Co-attainment for project is around 91%.  
 for Computer Science department. It is requested to maintain  
 the attainment for the next academic year.

*[Signature]*

Co-ordinator  
 IQAC

Sri A.B.R. Govt. Degree College  
 REPALLE 522 285  
 Guntur (Dt.), A.P.

*[Signature]*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2019-20**

Programme: B.Sc MCCA

Year : I

Subject : Computer Science

Semester: I

Course Name: Computer Fundamentals & Photoshop

Course Code: CSC1S

Name of the Faculty: P Arun Kumar

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	94	36.4	50.80	90	58.64	65
CO2	94	36.4	50.80	92.00	59.04	65
CO3	92.6	36.4	50.20	94.00	58.96	65
CO4	92	36.4	49.90	88.00	57.52	65

**PO ATTAINMENT**

		PO1	PO3	PO4	PO5
Direct Attainment	CO1	3			3
	CO2	2	2		
	CO3		3		
	CO4			2	
	Total	5	5	2	3
		50.80	50.44	49.90	50.80

**Laboratory Course Attainment**

Course Name: Computer Fundamentals & Photoshop

Course Code: CSC1SP

CO ATTAINMENT	CO1	CO2	CO3	CO4
DIRECT ATTAINMENT	85.6	85.6	85.6	85.6
INDIRECT ATTAINMENT	88	86	88	84
FINAL ATTAINMENT %	86.08	85.68	86.08	85.28

*P. Arun Kumar*  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur. (Dt.), A.P.

The attainment of CO's by the dept of Computer Science is around 58% in theory & 85% for practical. It is request to improve the attainment levels for the next academic year by taking necessary measures.

*A.V. Reddy*  
 In-Charge  
 Department of Computer Science  
 Sri-ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2019-20**

Programme: B.Sc MPCS

Year : I

Subject : Computer Science

Course Name: Computer Fundamentals & Photoshop

Name of the Faculty: P Arun Kumar

Semester: I

Course Code: CSC1S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	93.33	39.2	52.80	88	59.84	65
CO2	93.33	39.2	52.80	88.00	59.84	65
CO3	92	39.2	52.80	86.00	59.44	65
CO4	92.66	39.2	52.50	84.00	58.8	65

**PO ATTAINMENT**

		PO1	PO3	PO4	P05
Direct Attainment	CO1	3			3
	CO2	2	2		
	CO3		3		
	CO4			2	
	Total	5	5	2	3
		52.80	52.80	52.50	52.80

**Laboratory Course Attainment**

Course Name: Computer Fundamentals & Photoshop Course Code: CSC1SP

CO ATTAINMENT	CO1	CO2	CO3	CO4
DIRECT ATTAINMENT	88.20	88.20	88.20	88.20
INDIRECT ATTAINMENT	88	88.00	88.00	88.00
FINAL ATTAINMENT %	88.16	88.16	88.16	88.16

*(Signature)*  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

The attainment of COs in 'Computer Fundamentals & Photoshop' in Semester I by the students is around 58% in theory & 88% in practical. It is advised to adopt measures to improve the attainment levels in the next academic year.

*(Signature)*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**

**ACADEMIC YEAR: 2019-20**

**Programme: B.Sc MCCS**

**Year : I**

**Semester: II**

**Subject : Computer Science**

**Course Code: CS21S**

**Course Name: Programming in C**

**Name of the Faculty: P Arun Kumar**

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	87.33	34.9	47.90	90	56.32	65
CO2	87.33	34.9	47.90	86.00	55.52	65
CO3	86.67	34.9	47.60	86.00	55.28	65
CO4	86	34.9	47.30	88.00	55.44	65
CO5	86	34.9	47.30	84.00	54.64	65

**PO ATTAINMENT**


		PO1	PO3	PO4	PO5
Direct Attainment	CO1	3			3
	CO2	2	2		
	CO3		3		
	CO4			2	
	CO5	3	2		
	Total	5	5	2	3
		47.90	47.72	47.30	47.90

**Laboratory Course Attainment**

**Course Name: Programming in C**

**Course Code: CSC2SP**

CO ATTAINMENT	CO2	CO3	CO4	CO5
DIRECT ATTAINMENT	86.00	86.00	86.00	86.00
INDIRECT ATTAINMENT	88	86.00	88.00	84.00
FINAL ATTAINMENT %	86.4	86	86.4	85.6

  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

The attainment of COs in 'programming in C' during Semester II by the students is around 55% in theory and around 87% in practicals. It is advised to adopt remedial measures to improve the attainment levels in the next academic year.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2019-20**

Programme: B.Sc MPCs

Year : I

Semester: II

Subject : Computer Science

Course Code: CS21S

Course Name: Programming in C

Name of the Faculty: P Arun Kumar

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	91.33	40.2	53.10	88	60.08	65
CO2	91.33	40.2	53.10	88.00	60.08	65
CO3	92	40.2	53.40	86.00	59.92	65
CO4	91.33	40.2	53.10	84.00	59.28	65
CO5	91.33	40.2	53.10	82.00	58.88	65

**PO ATTAINMENT**

		PO1	PO3	PO4	P05
Direct Attainment	CO1	3			3
	CO2	2	2		
	CO3		3		
	CO4			2	
	CO5	3	2		
	Total	5	5	2	3
			53.10	53.28	53.10

**Laboratory Course Attainment**

Course Name: Programming in C

Course Code: CSC2SP

CO ATTAINMENT	CO2	CO3	CO4	CO5
DIRECT ATTAINMENT	88.54	88.54	88.54	88.54
INDIRECT ATTAINMENT	84	80.00	82.00	76.00
FINAL ATTAINMENT %	87.63	86.83	87.23	86.03

*P. Arun Kumar*  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur. (Dt.), A.P.

The attainment of COs in 'programming in c' during semester II by the students is around 60% in theory and 86% in practical. It is advised to adopt necessary remedial measures to improve the attainment levels in the next academic year.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2019-2020**

Programme: B.Sc - MCCS

Year : II

Subject : Computer Science

Course Name: Object Oriented Programming Using JAVA

Name of the Faculty: G. RAVITEJA

Semester: III

Course Code: CSC3S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	82.67	43.7	53.6	84	59.68	60
CO2	82.67	43.7	53.6	80	58.88	60
CO3	82.67	43.7	53.6	82	59.28	60
CO4	82	43.7	53.3	82	59.04	60
CO5	82	43.7	53.3	84	59.44	60
CO6	82	43.7	53.3	84	59.44	60
CO7	82	43.7	53.3	84	59.44	60

PO ATTAINMENT		PO1	PO3	PO4	PO5
CO1		3		3	3
CO2		3	3	3	3
CO3			3	3	
CO4		3		3	3
CO5		3	3		
CO6				3	3
CO7		3			
<b>Total</b>		15	9	15	12
<b>Direct Attainment</b>		42.76	53.5	42.82	40.125

*(Signature)*  
 Coordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur. (Dt.), A.P.

*(Signature)*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle.

The attainment of CO'S by the Dept. of Computer Science is around 59% in this paper. It is requested to improve the attainment of levels for next academic year by taking necessary measures.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2019-2020**

Programme: B.Sc - MPCS

Year : II

Subject : Computer Science

Course Name: Object Oriented Programming Using JAVA

Name of the Faculty: G. RAVITEJA

Semester: III

Course Code: CSC3S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	85.33	44.3	54.7	84	60.56	60
CO2	85.33	44.3	54.7	88	61.36	60
CO3	85.33	44.3	54.7	84	60.56	60
CO4	85.33	44.3	54.7	84	60.56	60
CO5	85.33	44.3	55	86	61.2	60
CO6	86	44.3	55	88	61.6	60
CO7	86	44.3				

PO ATTAINMENT	PO1	PO3	PO4	PO5
CO1	3		3	3
CO2	3	3	3	3
CO3		3	3	3
CO4	3			
CO5	3	3		3
CO6				
CO7	3		15	12
Total	15	9	43.76	41.025
Direct Attainment	43.82	54.8		

*G. Prasad*  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur. (Dt.), A.P.

The attainment of CO'S by the Dept. of Computer Science is around 60% in this paper. It is requested to improve the attainment level for next academic year by taking necessary measures.

*G. Raviteja*  
 In Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2019-2020**

Programme: B.Sc - MCCS

Year : II

Subject : Computer Science

Lab Name: Object Oriented Programming Using JAVA Lab

Name of the Faculty: G. RAVITEJA

Semester: III

Course Code: CSC3SP

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	39.8	79.6	82	80.08	80
CO2	39.8	79.6	80	79.68	80
CO3	39.8	79.6	82	80.08	80
CO4	39.8	79.6	88	81.28	80
CO5	39.8	79.6	84	80.48	80
CO6	39.8	79.6	84	80.48	80
CO7	39.8	79.6	84	80.48	80

PO ATTAINMENT	PO1	PO3	PO4	PO5
CO1	3	3	3	3
CO2	3		3	3
CO3	2	3	3	2
CO4	3		3	3
CO5	3	3		3
CO6			3	3
CO7	3			
<b>Total</b>	<b>17</b>	<b>9</b>	<b>15</b>	<b>17</b>
<b>Direct Attainment</b>	<b>65.55</b>	<b>79.6</b>	<b>63.68</b>	<b>65.55</b>

*G. Raviteja*  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur. (Dt.), A.P.

The attainment of CO'S by the Department of Computer Science is around 80% in this Lab. It is requested to maintain the same or above for the next Academic Year.

*G. Raviteja*  
 In Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2019-2020**

Programme: B.Sc - MPCS

Year : II

Subject : Computer Science

Lab Name: Object Oriented Programming Using JAVA Lab

Name of the Faculty: G. RAVITEJA

Semester: III

Course Code: CSC3SP

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	46	92	82	90	90
CO2	46	92	88	91.2	90
CO3	46	92	84	90.4	90
CO4	46	92	84	90.4	90
CO5	46	92	84	90.4	90
CO6	46	92	82	90	90
CO7	46	92	82	90	90

PO ATTAINMENT		PO1	PO3	PO4	PO5
CO1		3	3		3
CO2		3	3	3	3
CO3				3	
CO4		3	3	3	3
CO5		3	3	3	3
CO6					
CO7				3	
Total		12	12	15	12
Direct Attainment		92	92	73.6	92

*G. Raviteja*  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur. (Dt.), A.P.

*G. Raviteja*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

The attainment of CO's by the Department of Computer Science is around 90% in this Lab. It is requested to maintain the same or above for the next Academic year.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2019-2020**

Programme: B.Sc - MCCS  
 Year : II  
 Subject : Computer Science  
 Course Name: Data Structures  
 Name of the Faculty: G. RAVITEJA

Semester: IV  
 Course Code: CSC4S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	92	39.6	52.9	86	59.52	60
CO2	92	39.6	52.9	80	58.32	60
CO3	92	39.6	52.9	82	58.72	60
CO4	90.67	39.6	52.3	84	58.64	60
CO5	90.67	39.6	52.3	84	58.64	60
CO6	90.67	39.6	52.3	88	59.44	60
CO7	90.67	39.6	52.3	84	58.64	60
CO8	90.67	39.6	52.3	84	58.64	60

PO ATTAINMENT		PO1	PO3	PO4	PO5
	CO1	3		3	3
	CO2	3	3	3	3
	CO3	3	3	3	3
	CO4		3	3	
	CO5		3		
	CO6				3
	CO7			3	
	CO8	3	3	2	
	Total	12	15	17	12
Direct Attainment		39.67	42.08	37.23	39.67

*(Signature)*  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 285  
 Guntur. (Dt.), A.P.

*(Signature)*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

The attainment of CO's by the Department of Computer Science is around 58% in this paper. It is requested to improve the attainment level for the next Academic Year by taking necessary measures.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2019-2020**

Programme: B.Sc - MPCs  
 Year : II  
 Subject : Computer Science  
 Course Name: Data Structures  
 Name of the Faculty: G. RAVITEJA

Semester: IV  
 Course Code: CSC4S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	92.67	36.4	50.6	80	56.48	60
CO2	92.67	36.4	50.6	82	56.88	60
CO3	92.67	36.4	50.6	82	56.88	60
CO4	92	36.4	50.3	80	56.24	60
CO5	92	36.4	50.3	82	56.64	60
CO6	92.67	36.4	50.6	80	56.48	60
CO7	92.67	36.4	50.6	82	56.88	60
CO8	92.67	36.4	50.6	80	56.48	60

PO ATTAINMENT	PO1	PO3	PO4	PO5
CO1	3		3	3
CO2		3		3
CO3	3		3	3
CO4		3		3
CO5	3		3	3
CO6			3	
CO7			3	
CO8		3		
Total	9	9	15	9
Direct Attainment	50.6	33.63	30.36	50.6

*R. Pradeep*  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur. (Dt.), A.P.

*G. Raviteja*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

The attainment of COs by the Dept. of Computer Science is around 56% in this paper. It is requested to improve the attainment levels for next Academic year by taking necessary measures.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2019-2020**

**Programme: B.Sc - MCCA**

**Year : II**

**Subject : Computer Science**

**Lab Name: Data Structures Lab**

**Name of the Faculty: G. RAVITEJA**

**Semester: IV**

**Course Code: CSC4SP**

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	42.5	85	84	84.8	85
CO2	42.5	85	80	84	85
CO3	42.5	85	82	84.4	85
CO4	42.5	85	88	85.6	85
CO5	42.5	85	84	84.8	85
CO6	42.5	85	84	84.8	85
CO7	42.5	85	84	84.8	85
CO8	42.5	85	84	84.8	85

PO ATTAINMENT	PO1	PO3	PO4	PO5
CO1	3		3	3
CO2	3	3		
CO3		3		
CO4	3	3		
CO5		3		3
CO6				
CO7	3			
CO8		2		3
<b>Total</b>	<b>12</b>	<b>14</b>	<b>3</b>	<b>9</b>
<b>Direct Attainment</b>	<b>63.75</b>	<b>72.85</b>	<b>85</b>	<b>56.66</b>

*(Signature)*  
**Co-ordinator**  
**IQAC**  
**Sri A.B.R. Govt. Degree College**  
**REPALLE 522 265**  
**Guntur (Dt.), A.P.**

*(Signature)*  
**In-Charge**  
**Department of Computer Science**  
**Sri ABR Govt. Degree College, Repalle**

The attainment of Co's by the Department of Computer Science is around 84% in this Lab. It is requested to maintain the same or above for the next Academic Year.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2019-2020**

Programme: B.Sc - MPCs

Year : II

Subject : Computer Science

Lab Name: Data Structures Lab

Name of the Faculty: G. RAVITEJA

Semester: IV

Course Code: CSC4SP

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	47.4	94.8	80	91.84	90
CO2	47.4	94.8	82	92.24	90
CO3	47.4	94.8	82	92.24	90
CO4	47.4	94.8	80	91.84	90
CO5	47.4	94.8	82	92.24	90
CO6	47.4	94.8	80	91.84	90
CO7	47.4	94.8	82	92.24	90
CO8	47.4	94.8	80	91.84	90

PO ATTAINMENT		PO1	PO3	PO4	PO5
CO1		3		3	3
CO2		3	3		
CO3			3		
CO4		3	3		
CO5			3		
CO6					3
CO7		3			
CO8			2		
Total		12	14	3	9
Direct Attainment		71.1	81.25	94.8	63.2

*R. Prasad*  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 255  
 Guntur. (Dt.), A.P.

*G. Raviteja*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

The attainment of Co's by the Department of Computer Science is around 91% in this Lab. It is requested to maintain the same or above for the next Academic year.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2019-2020**

Programme: B.Sc - MPCSC

Year : III

Subject : Computer Science

Lab Name: Data Base Management System Lab

Name of the Faculty: A.V. KAVITHA

Semester: V

Course Code: CSC5SA

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	45.2	90.4	80	88.32	90
CO2	45.2	90.4	84	89.12	90
CO3	45.2	90.4	84	89.12	90
CO4	45.2	90.4	80	88.32	90
CO5	45.2	90.4	82	88.72	90
CO6	45.2	90.4	84	89.12	90

PO ATTAINMENT		PO1	PO3	PO4	PO5
CO1		3	3	3	3
CO2		3		3	3
CO3			3	3	
CO4		3		3	3
CO5		3	3		3
CO6				3	3
	Total	12	9	15	15
Direct Attainment		90.4	90.4	90.4	90.4

The attainment of COs by the Department of Computer Science is around 89% in this Lab. It is requested to maintain the same or above for the next Academic Year.

*(Signature)*  
Co-ordinator

IQAC  
Sri A.B.R. Govt. Degree College  
REPALLE 522 265  
Guntur (Dt.), A.P.

*(Signature)*  
In-Charge

Department of Computer Science  
Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2019-2020**

Programme: B.Sc - MCCA

Year : III

Subject : Computer Science

Course Name: Data Base Management System

Name of the Faculty: A.V. KAVITHA

Semester: V

Course Code: CSC5SA


CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	86	40.4	51.8	86	58.64	55
CO2	86	40.4	51.8	86	58.64	55
CO3	86	40.4	51.8	82	57.84	55
CO4	85.33	40.4	51.5	88	58.8	55
CO5	85.33	40.4	51.5	84	58	55
CO6	86.67	40.4	52.1	80	57.68	55

PO ATTAINMENT		PO1	PO3	PO4	PO5
	CO1	3		3	3
	CO2	3	3		3
	CO3		3	3	
	CO4	3		3	3
	CO5	3	3		
	CO6		2	3	3
	Total	12	11	12	12
Direct Attainment		51.65	51.77	51.8	51.8

The attainment of CO's by the Department of Computer Science is around 58% in this paper. It is requested to improve the attainment level for next Academic Year by taking necessary measures.

  
 Co-ordinator  
 IQAC

Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2019-2020**

Programme: B.Sc - MCCS

Year : III

Subject : Computer Science

Lab Name: Data Base Management System Lab

Name of the Faculty: A.V. KAVITHA

Semester: V

Course Code: CSC5SA

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	44.9	89.8	84	88.64	90
CO2	44.9	89.8	80	87.84	90
CO3	44.9	89.8	82	88.24	90
CO4	44.9	89.8	80	87.84	90
CO5	44.9	89.8	84	88.64	90
CO6	44.9	89.8	82	88.24	90

PO ATTAINMENT	PO1	PO3	PO4	PO5
CO1	3	3	3	3
CO2	3		3	3
CO3		3	3	
CO4	3		3	3
CO5	3	3		3
CO6			3	3
Total	12	9	15	15
Direct Attainment	89.8	89.8	89.8	89.8

The attainment of Co's by the Department of Computer Science is around 88% in this Lab. It is requested to maintain the same or above for the next Academic Year.

*A. V. Kavitha*  
 Co-ordinator  
 IQAC

Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

*A.V. Kavitha*  
 In-Charge

Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2019-2020**

Programme: B.Sc - MCCS

Year : III

Subject : Computer Science

Course Name: Data Base Management System

Name of the Faculty: A.V. KAVITHA

Semester: V

Course Code: CSC5SA

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	86	40.4	51.8	86	58.64	55
CO2	86	40.4	51.8	86	58.64	55
CO3	86	40.4	51.8	82	57.84	55
CO4	85.33	40.4	51.5	88	58.8	55
CO5	85.33	40.4	51.5	84	58	55
CO6	86.67	40.4	52.1	80	57.68	55

PO ATTAINMENT	PO1	PO3	PO4	PO5
CO1	3		3	3
CO2	3	3		3
CO3		3	3	
CO4	3		3	3
CO5	3	3		
CO6		2	3	3
<b>Total</b>	<b>12</b>	<b>11</b>	<b>12</b>	<b>12</b>
<b>Direct Attainment</b>	<b>51.65</b>	<b>51.77</b>	<b>51.8</b>	<b>51.8</b>

The attainment of CO's by the Department of Computer Science is around 58% in this paper. It is requested to improve the attainment level for next Academic Year by taking necessary measures.

*(Signature)*  
 Co-ordinator  
 IQAC

Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur.(Dt.), A.P.

*(Signature)*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTERSCIENCE**  
**ACADEMIC YEAR: 2017-20**

Programme: B.Sc(MCCS)

Year : III

Semester: V

Subject : Computer Science

Course Code: CSC5S2

Course Name: Software Engineering

Name of the Faculty: G.RAVI TEJA

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	90.67	31.5	46.30	90	55.04	50
CO2	90.67	31.5	46.30	84.00	53.84	50
CO3	90	31.5	46.00	74.00	51.6	50
CO4	90	31.5	46.00	86.00	54	50
CO5	86.67	31.5	44.50	90.00	53.6	50

**PO Attainment**

	PO1	PO3	PO4	PO5
CO1	3	3	3	3
CO2	3	3	3	3
CO3		3	3	
CO4	3		3	3
CO5	3	3	3	3
Total	12	12	15	12
<b>Direct Attainment</b>	40.05	40.05	42.6	40.05

**Laboratory Course Attainment**

Course Name: Software engineering

Course Code: CSC5S2

	CO4	CO5
Indirect	88	94
Direct	87.4	87.4
Final Attainment	87.52	88.72

*A.V. Reddy*  
In-Charge  
Department of Computer Science  
Sri ABR Govt. Degree College, Repalle

*R. Prasad*  
Co-ordinator  
IQAC

Sri A.B.R. Govt. Degree College  
REPALLE 522 265  
Guntur (Dt.), A.P.

The attainment of CO1 by the dept. of Computer science is around 51% in theory paper. It is requested to improve the attainment levels for the next academic year by taking necessary measures. The attainment of CO1 for the laboratory is 87%. It is requested to maintain the same or above levels for the next academic year.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTERSCIENCE**  
**ACADEMIC YEAR: 2019-20**

Programme: B.Sc(MPCS)

Year : III

Subject : Computer Science

Course Name: Software Engineering

Name of the Faculty: G RAVITEJA

Semester: V

Course Code: CSC5SC

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	98	44.7	57.70	92	64.56	50
CO2	98	44.7	57.70	84.00	62.96	50
CO3	95.3	44.7	56.50	90.00	63.2	50
CO4	95.33	44.7	56.50	88.00	62.8	50
CO5	94	44.7	55.90	92.00	63.12	50

**PO Attainment**

		PO1	PO3	PO4	PO5
<b>Direct Attainment</b>	CO1	3	3	3	3
	CO2	3	3	3	3
	CO3		3	3	
	CO4	3		3	3
	CO5	3	3	3	3
	Total		12	12	15
		42.98	42.98	45.68	42.98

*A.V. Venkatesh*  
In-Charge

**Laboratory Course Attainment**

Course Name: Software Engineering

Course Code: CSC5SC

	CO1	CO2
Indirect	90	92
Direct	91.8	91.8
Final Attainment	91.44	91.84

Department of Computer Science  
Sri ARR Govt. Degree College, Repalle

*R. Prasad*  
Coordinator  
IQAC

Sri A.B.R. Govt. Degree College  
REPALLE 522 265  
Guntur (Dt.), A.P.

The attainment of CO1 by the dept. of computer science is around 62% in theory paper. It is requested to improve the attainment levels for the next academic year by taking necessary measures. The attainment of CO1 for the laboratory is 91%. It is requested to maintain the same or above levels for the next academic year.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTERSCIENCE**  
**ACADEMIC YEAR: 2017-18**

Programme: B.Sc(MCCS)

Year : III

Subject : Computer Science

Course Name: Web Technologies

Name of the Faculty: G RAVITEJA

Semester: VI

Course Code: CSC6SC

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	92	49.9	60.30	92	66.64	50
CO2	92	49.9	60.30	88.00	65.84	50
CO3	92	49.9	60.30	84.00	65.04	50
CO4	92	49.9	60.30	90.00	66.24	50
CO5	86.67	49.9	58.10	90.00	64.48	50

**PO Attainment**

		PO1	PO3	PO4	PO5
<b>Direct Attainment</b>	CO1	3	3	3	3
	CO2	3	3	3	3
	CO3		3	3	
	CO4	3		3	3
	CO5	3	3	3	3
	Total	12	12	15	12
		45.23	45.23	48.24	45.23

*A.V. Reddy*  
In-Charge

Department of Computer Science  
Sri ABR Govt. Degree College, Repalle

**Laboratory Course Attainment**

Course Name: Web Technologies

Course Code: CSC6SC

	CO1	CO2
Indirect	88	86
Direct	87.4	87.4
Final Attainment	87.62	87.12

The attainment of COs by the dept. of computer science is around 64% in theory paper. It is requested to improve the attainment levels for the next academic year by taking necessary measures. The attainment of COs for the laboratory is 87%.. It is requested to maintain the same or above levels for the next academic year.

*R. Prasad*  
Co-ordinator  
IQAC

Sri A.B.R. Govt. Degree College  
REPALLE 522 265  
Guntur. (Dt.), A.P.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2017-20**

Programme: B.Sc(MPCS)

Year : III

Semester: VI

Subject : Computer Science

Course Code: CSC6S2

Course Name: Web Technologies

Name of the Faculty: G.RAVI TEJA

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	96	56.4	65.70	90	70.56	50
CO2	96	56.4	65.70	84.00	69.36	50
CO3	91.3	56.4	63.60	86.00	68.08	50
CO4	91.3	56.4	63.60	88.00	68.48	50
CO5	87.3	56.4	61.80	90.00	67.44	50

**PO Attainment**

	PO1	PO3	PO4	PO5
CO1	3	3	3	3
CO2	3	3	3	3
CO3		3	3	
CO4	3		3	3
CO5	3	3	3	3
Total	12	12	15	12
<b>Direct Attainment</b>	48.75	48.75	51.72	48.75

**Laboratory Course Attainment**

Course Name: Web Technologies

Course Code: CSC6S2

	CO4	CO5
Indirect	90	92
Direct	91.8	91.8
<b>Final Attainment</b>	91.44	91.84

*A.V. K...*  
In-Charge

Department of Computer Science  
Sri ABR Govt. Degree College, Repalle

*G. Prasad*  
Co-ordinator  
IQAC

The attainment of CO's by the dept. of computer science is around 67% in theory paper. It is requested to improve the attainment levels for the next academic year by taking necessary measures. The attainment of CO's for the laboratory is 91%, it is requested to maintain the same or above levels for the next academic year.

Sri A.B.R. Govt. Degree College  
REPALLE 522 265  
Guntur. (Dt.), A.P.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2019-20**

Programme: B.Sc.MPCS & MCCS

Year : III

Subject : Computer Science

Course Name: Foundations of Data Science

Name of the Faculty: P ARUN KUMAR

Semester: VI

Course Code: CS6SA1S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	100	50.5	62.90	95	69.32	65
CO2	100	50.5	62.90	100.00	70.32	65
CO3	100	50.5	62.90	95.00	69.32	65

**PO ATTAINMENT**

		PO1	PO3	PO4	P05
Direct Attainment	CO1	3		2	3
	CO2	2	2		
	CO3		3		
	Total	5	5	2	3
		62.90	62.90	62.90	62.90

**Laboratory Course Attainment**

Course Name: Foundations of Data Science

Course Code: CSC6SA1P

CO ATTAINMENT	CO1	CO2	CO3
DIRECT ATTAINMENT	100.00	100.00	100.00
INDIRECT ATTAINMENT	95	95.00	100.00
FINAL ATTAINMENT %	99	99	100

The attainment of CO's by the dept. of Computer Science is around 70% in theory & 99% in practical. It is requested to maintain the same for the next academic year.

*A.V. [Signature]*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

*[Signature]*  
 Coordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2019-2020**

**Programme: B.Sc - MPCS & MCCS - COMPUTER CLUSTER**

**Year : III**

**Subject : Computer Science**

**Course Name: Big Data Technology**

**Name of the Faculty: A.V. KAVITHA**

**Semester: VI**

**Course Code: CSC6SA2**

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	100	60.5	70.4	84	73.12	70
CO2	100	60.5	70.4	88	73.92	70
CO3	100	60.5	70.4	86	73.52	70

PO ATTAINMENT		PO1	PO3	PO4	PO5
CO1		3		3	3
CO2		3	3		3
CO3			3	3	
	<b>Total</b>	6	6	6	6
	<b>Direct Attainment</b>	70.4	70.4	70.4	70.4

The attainment of CO's by the Dept. of Computer Science is around 73%. In this paper it is requested to improve the attainment levels for the next Academic Year by taking necessary measures.

*A.V. Kavitha*  
 In-Charge  
 Department of Computer Science  
 Sri ARR Govt. Degree College, Repalle

*A. V. Kavitha*  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2019-2020**

**Programme: B.Sc - MPCs & MCCS - COMPUTER CLUSTER**

**Year : III**

**Subject : Computer Science**

**Lab Name: Big Data Technology Lab**

**Name of the Faculty: A.V. KAVITHA**

**Semester: VI**

**Course Code: CSC6SA2**

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	50	100	84	96.8	95
CO2	50	100	88	97.6	95
CO3	50	100	86	97.2	95

PO ATTAINMENT		PO1	PO3	PO4	PO5
CO1		3		3	3
CO2		3	3		3
CO3			3	3	
	<b>Total</b>	6	6	6	6
<b>Direct Attainment</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

The attainment of COs by the Dept of Computer Science is around 97%. in this Lab. It is requested to maintain the same or above for the next Academic Year.

*(Signature)*  
 Co-ordinator  
 IQAC

Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

*(Signature)*  
 In-Charge

Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2019-20**

Programme: B.Sc.MPCS & MCCS

Year : III

Semester: VI

Subject : Computer Science

Course Code: CS6SA1

Course Name: Cluster Project


Name of the Faculty: P ARUN KUMAR

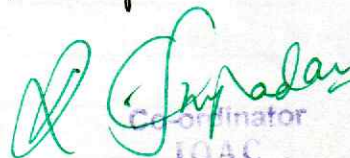
CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	100.00	100.00	95	99	85
CO2	100.00	100.00	90.00	98	85
CO3	100.00	100.00	95.00	99	85

CO ATTAINMENT	CO1	CO2	CO3
DIRECT ATTAINMENT	100.00	100.00	100.00
INDIRECT ATTAINMENT	95	90.00	95.00
FINAL ATTAINMENT %	99	98	99

PO ATTAINMENT	PO1	PO2	PO3	P09
CO1	3			3
CO2	2	2		
CO3		3	1	
Total	5	5	1	3
Direct Attainment	100	100	100	100

The attainment of CO's by the dept. of Computer Science is around 99% in theory/project work. It is requested to maintain the same for the next academic year.

  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

  
 Co-ordinator  
 IQAC

Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2021-22**

Programme: B.Sc MPCs

Year : I

Semester: I

Subject : Computer Science

Course Code: CSC1SK

Course Name: Probleme Solving in C

Name of the Faculty: M NIRANJAN

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	84.6	37.5	53.10	78	58.08	65
CO2	84.6	37.5	53.10	80.00	58.48	65
CO3	84.6	37.5	53.40	76.00	57.92	65
CO4	83.3	37.5	52.50	82.00	58.4	65

**PO ATTAINMENT**

		PO1	PO3	PO4	P05
Direct Attainment	CO1	3			3
	CO2	2	2		
	CO3		3		
	CO4			2	
	Total	5	5	2	3
			50.80	50.44	49.90

**Laboratory Course Attainment**

Course Name: Probleme Solving in C Course Code: CSC1SKP

CO ATTAINMENT	CO1	CO2	CO3	CO4
DIRECT ATTAINMENT	86.80	86.80	86.80	86.80
INDIRECT ATTAINMENT	84	84.00	84.00	88.00
FINAL ATTAINMENT %	86.24	86.24	86.24	87.04

The attainment of COs by the Dept of Computer Science is around 58% in theory paper. It is requested to improve the attainment levels for the next academic by taking necessary measures. The attainment of COs for the laboratory is 86%. It is requested to maintain the same or above levels for the next academic year.

*P. Prasad*  
Co-ordinator  
IQAC

Sri A.B.R. Govt. Degree College  
REPALLE 522 265  
Guntur (Dt.), A.P.

*J. N. S. Sankar*  
In-Charge  
Department of Computer Science  
Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2021-22**

Programme: B.Sc M<sup>C</sup>CS

Year : I

Semester: I

Subject : Computer Science

Course Code: CSC1SK

Course Name: Probleme Solving in C

Name of the Faculty: M NIRANJAN

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	79.3	34.8	46.00	84	53.6	65
CO2	79.3	34.8	46.00	76.00	52	65
CO3	78.6	34.8	45.70	80.00	52.56	65
CO4	78.6	34.8	45.70	74.00	51.36	65

**PO ATTAINMENT**

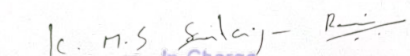
		PO1	PO3	PO4	P05
Direct Attainment	CO1	3			3
	CO2	2	2		
	CO3		3		
	CO4			2	
	Total	5	5	2	3
			46.00	45.82	45.70

<b>Laboratory Course Attainment</b>				
<b>Course Name: Probleme Solving in C</b>		<b>Course Code: CSC1SK</b>		
CO ATTAINMENT	CO1	CO2	CO3	CO4
DIRECT ATTAINMENT	82.50	82.50	82.50	82.50
INDIRECT ATTAINMENT	88	88.00	88.00	88.00
FINAL ATTAINMENT %	83.6	83.6	83.6	83.6

The attainment of COs by the Dept of Computer Science is around 52% in theory paper. It is requested to improve the attainment levels for the next academic by taking necessary measures. The attainment of COs for the laboratory is 83%. It is requested to maintain the same or above levels for the next academic year.

  
 Co-ordinator  
 IQAC

Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2021-22**

Programme: B.Sc MPCS

Year : II

Semester: II

Subject : Computer Science

Course Code: CSC2SK

Course Name: Data Structures using C

Name of the Faculty: M NIRANJAN

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	84.6	37.5	53.10	78	58.08	65
CO2	84.6	37.5	53.10	80.00	58.48	65
CO3	84.6	37.5	53.40	76.00	57.92	65
CO4	83.3	37.5	52.50	82.00	58.4	65

**PO ATTAINMENT**

		PO1	PO3	PO4	P05
Direct Attainment	CO1	3			3
	CO2	2	2		
	CO3		3		
	CO4			2	
	Total	5	5	2	3
			50.80	50.44	49.90

**Laboratory Course Attainment**

Course Name: Data Structures using C

Course Code: CSC2SKP

CO ATTAINMENT	CO1	CO2	CO3	CO4
DIRECT ATTAINMENT	86.80	86.80	86.80	86.80
INDIRECT ATTAINMENT	84	84.00	84.00	88.00
FINAL ATTAINMENT %	86.24	86.24	86.24	87.04

The attainment of COs by the Dept of Computer Science is about 55% in theory papers. It is requested to improve attainment levels for the next academic by taking necessary measures. The attainment of COs for the laboratory is 86%. It is requested to maintain the same or above levels for the next academic year.

*P. Prasad*  
Co-ordinator  
IQAC

Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

*K. N. S. S. Raju*  
In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2021-22**

Programme: B.Sc M<sup>CS</sup>

Year : II

Semester: II

Subject : Computer Science

Course Code: CSC2SK

Course Name: Data Structures using C

Name of the Faculty: M NIRANJAN

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	72.6	40.9	48.80	84	55.84	65
CO2	72.6	40.9	48.80	82.00	55.44	65
CO3	72.6	40.9	48.80	84.00	55.84	65
CO4	73.3	40.9	49.10	74.00	54.08	65

**PO ATTAINMENT**

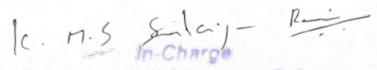
		PO1	PO3	PO4	P05
Direct Attainment	CO1	3			3
	CO2	2	2		
	CO3		3		
	CO4			2	
	Total	5	5	2	3
		48.80	48.80	49.10	48.80

Laboratory Course Attainment				
Course Name: Data Structures using C		Course Code: CSC2SKP		
CO ATTAINMENT	CO1	CO2	CO3	CO4
DIRECT ATTAINMENT	88.48	88.48	88.48	88.48
INDIRECT ATTAINMENT	84	80.00	78.00	88.00
FINAL ATTAINMENT %	87.58	86.78	86.38	88.38

The attainment of CO's by the Dept of computer science is around 55% in theory paper. It is requested to improve the attainments levels for the next academic by taking necessary measures. The attainment of CO's for the laboratory in 56%. It is requested to maintain the same or above levels for the academic year.

  
 Co-ordinator  
 IQAC

Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2021-22**

Programme: B.Sc MCCS & MPCS

Year : II

Semester: III

Subject : Computer Science

Course Code: CSC3SK

Course Name: Database Management System

Name of the Faculty: G RAVITEJA

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	83.33	43.7	53.30	80	58.64	60
CO2	83.33	43.7	53.30	86.00	59.84	60
CO3	83.33	43.7	53.30	84.00	59.44	60
CO4	82.67	43.7	53.00	84.00	59.2	60
CO5	82.67	43.7	53.00	82.00	58.8	60
CO6	81.33	43.7	52.40	84.00	58.72	60

**PO ATTAINMENT**


		PO1	PO3	PO4	PO5
Direct Attainment	CO1	3		3	3
	CO2	3	3		3
	CO3		3	3	
	CO4	3		3	3
	CO5	3	3		
	CO5		2	3	3
	Total		12	11	12
		53.15	53.05	53.00	53.00

**Laboratory Course Attainment**

Course Name: Database Management System

Course Code: CSC3SK

CO ATTAINMENT	CO2	CO3	CO4	CO5
DIRECT ATTAINMENT	89.60	89.60	89.60	89.60
INDIRECT ATTAINMENT	80.00	80.00	80.00	82.00
FINAL ATTAINMENT %	87.68	87.68	87.68	88.08

  
**Co-ordinator**  
**IQAC**  
**Sri A.B.R. Govt. Degree College**  
**REPALLE 522 265**  
**Guntur (Dt.), A.P.**

The attainment of COs by the dept. of Computer Science is around 59% in theory & 77% in laboratory. It is requested to improve attainment by taking necessary measures for the next academic year.

K. M. S. Srinivas  
**In-Charge**  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2021-22**

Programme: B.Sc MCCS & MPCS

Year : II

Subject : Computer Science

Course Name: Object Oriented Prgramming using Java

Name of the Faculty: G RAVITEJA

Semester: IV

Course Code: CSC4SK

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	76.67	46.3	53.30	80	58.64	60
CO2	76.67	46.3	53.30	86.00	59.84	60
CO3	76.67	46.3	53.30	84.00	59.44	60
CO4	76.67	46.3	53.30	84.00	59.44	60
CO5	76.67	46.3	53.30	82.00	59.04	60

**PO ATTAINMENT**

		PO1	PO3	PO4	P05
Direct Attainment	CO1	3		3	3
	CO2	3	3		3
	CO3		3	3	
	CO4	3		3	3
	CO5	3	3		
	Total	12	9	9	9
		53.30	53.30	53.30	53.30

**Laboratory Course Attainment**

Course Name: Object Oriented Prgramming using Java

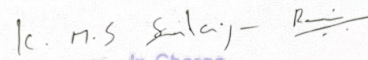
Course Code: CSC4SK

CO ATTAINMENT	CO2	CO3	CO4	CO5
DIRECT ATTAINMENT	84.80	84.80	84.80	84.80
INDIRECT ATTAINMENT	80.00	82.00	80.00	84.00
FINAL ATTAINMENT %	83.84	84.24	83.84	84.64

The attainment of CO's for this paper/course is 59% in Theory & 84% for Laboratory. It is required to improve the attainment for Theory & maintain for Practicals. by taking proper measures.

  
 Co-ordinator  
 IQAC

Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

  
 In-Charge

Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2021-22**

Programme: B.Sc MCCS & MPCS

Year : II

Semester: IV

Subject : Computer Science

Course Code: CSC5SK

Course Name: OPERATING SYSTEMS

Name of the Faculty: K M S SAILAJA RANI

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	69.33	39.7	46.60	80	53.28	60
CO2	69.33	39.7	46.60	86.00	54.48	60
CO3	69.33	39.7	46.60	84.00	54.08	60
CO4	67.33	39.7	45.70	84.00	53.36	60
CO5	67.33	39.7	45.70	82.00	52.96	60
CO6	67.33	39.7	45.70	86.00	53.76	60
CO7	67.33	39.7	45.70	84.00	53.36	60
CO8	67.33	39.7	45.70	84.00	53.36	60
CO9	67.33	39.7	45.70	82.00	52.96	60

**PO ATTAINMENT**

	PO1	PO3	PO4	PO5
Direct Attainment	CO1	3	3	3
	CO2		3	3
	CO3	3		3
	CO4			
	CO5			3
	CO6	3	3	3
	CO7		3	3
	CO8	3		3
	CO9	3	3	
	Total	15	15	12
	46.06	46.06	46.15	46.06

**Laboratory Course Attainment**

Course Name: OPERATING SYSTEMS

Course Code: CSC5SK

CO ATTAINMENT	CO2	CO3	CO4	CO5
DIRECT ATTAINMENT	73.80	73.80	73.80	73.80
INDIRECT ATTAINMENT	80.00	82.00	80.00	84.00
FINAL ATTAINMENT %	75.04	75.44	75.04	75.84

*P. Prasad*  
 Co-ordinator  
 IQAC

Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

The co attainment for this course is 52% in theory & 76% in laboratory.  
 It is requested to maintain & improve by taking measures for  
 improvement.

K. M. S. Sailaja Rani  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2021-2022**

Programme: B.Sc - MCCA

Year : III

Subject : Computer Science

Course Name: Data Base Management System

Name of the Faculty: G. RAVITEJA

Semester: V

Course Code: CSC55A

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	90	40.2	52.5	84	58.8	55
CO2	90	40.2	52.5	80	58	55
CO3	90	40.2	52.5	82	58.4	55
CO4	90	40.2	52.5	88	59.6	55
CO5	90	40.2	52.5	84	58.8	55
CO6	90	40.2	52.5	80	58	55

PO ATTAINMENT	PO1	PO3	PO4	PO5
CO1	3		3	3
CO2	3	3		3
CO3		3	3	
CO4	3		3	3
CO5	3	3		
CO6		2	3	3
<b>Total</b>	<b>12</b>	<b>11</b>	<b>12</b>	<b>12</b>
<b>Direct Attainment</b>	<b>52.5</b>	<b>52.5</b>	<b>52.5</b>	<b>52.5</b>

*G. Raviteja*  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

The attainment of CO'S by the Department of Computer Science is around 58% in this paper. It is requested to improve the attainment level for the next Academic year by taking necessary measures.

C. M. S. Srinivas  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2021-2022**

Programme: B.Sc - MPCS

Year : III

Subject : Computer Science

Course Name: Data Base Management System

Name of the Faculty: G. RAVITEJA

Semester: V

Course Code: CSCSSA

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	90.67	41	53.4	80	58.72	55
CO2	90.67	41	53.4	84	59.52	55
CO3	90.67	41	53.4	84	59.52	55
CO4	90.67	41	53.4	80	58.72	55
CO5	90.67	41	53.4	82	59.12	55
CO6	90.67	41	53.4	84	59.52	55

PO ATTAINMENT		PO1	PO3	PO4	PO5
CO1		3		3	3
CO2		3	3		3
CO3			3	3	
CO4		3		3	3
CO5		3	3		
CO6			2	3	3
	<b>Total</b>	12	11	12	12
	<b>Direct Attainment</b>	53.4	53.4	53.4	53.4

*R. Prasad*  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

The attainment of COs by IQ Dept. of Computer Science is around 59% in this paper. It is requested to improve the attainment level for next Academic Year by taking necessary measures.

K. M. S. Sridhar - *Ravi*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2021-2022**

Programme: B.Sc - MCCA

Year : III

Subject : Computer Science

Lab Name: Data Base Management System Lab

Name of the Faculty: G. RAVITEJA

Semester: V

Course Code: CSC55A

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	45.1	90.2	84	88.96	90
CO2	45.1	90.2	80	88.16	90
CO3	45.1	90.2	82	88.56	90
CO4	45.1	90.2	80	88.16	90
CO5	45.1	90.2	84	88.96	90
CO6	45.1	90.2	82	88.56	90

PO ATTAINMENT		PO1	PO3	PO4	PO5
CO1		3	3	3	3
CO2		3		3	3
CO3			3	3	
CO4		3		3	3
CO5		3	3		3
CO6				3	3
<b>Total</b>		12	9	15	15
<b>Direct Attainment</b>		90.2	90.2	90.2	90.2

*G. Raviteja*  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

The attainment of CO'S by the Department of Computer Science is around 88% in this Lab. It is requested to maintain the same or above for the next Academic Year.

I. M. S. Srinivas - *R.*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2021-2022**

Programme: B.Sc - MPCS

Year : III

Subject : Computer Science

Lab Name: Data Base Management System Lab

Name of the Faculty: G. RAVITEJA

Semester: V

Course Code: CSC55A

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	47.6	95.2	80	92.16	90
CO2	47.6	95.2	84	92.96	90
CO3	47.6	95.2	84	92.96	90
CO4	47.6	95.2	80	92.16	90
CO5	47.6	95.2	82	92.56	90
CO6	47.6	95.2	84	92.96	90

PO ATTAINMENT		PO1	PO3	PO4	PO5
CO1		3	3	3	3
CO2		3		3	3
CO3			3	3	
CO4		3		3	3
CO5		3	3		3
CO6				3	3
<b>Total</b>		12	9	15	15
<b>Direct Attainment</b>		95.2	95.2	95.2	95.2

*R. Prada*  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 285  
 Guntur (Dt.), A.P.

The attainment of CO'S by the Department of Computer Science is around 92% in this Lab. It is requested to maintain the same or above for the next Academic Year.

C. M. S. Sankar - *Ravi*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTERSCIENCE**  
**ACADEMIC YEAR: 2021-22**

Programme: B.Sc(MCCS)

Year : III

Semester: V

Subject : Computer Science

Course Code: CSC5S2

Course Name: Software Engineering

Name of the Faculty: K M S Sailaja Rani

CO ATTAINMENT	INTERNAL MARKS %	EXTERN AL	DIRECT ATTAINMEN	INDIRECT ATTAINMEN	FINAL ATTAINMENT	EXPECTED LEVEL of ATTAINMENTS
CO1	87.3333333	34	46	90	54.8	50
CO2	87.3333333	34	46	84	53.6	50
CO3	87.3333333	34	45.1	74	50.88	50
CO4	85.33	34	45.1	86	53.28	50
CO5	83.33	34	44.2	90	53.36	50

**PO Attainment**

	PO1	PO3	PO4	PO5
CO1	3	3	3	3
CO2	3	3	3	3
CO3		3	3	
CO4	3		3	3
CO5	3	3	3	3
Total	12	12	15	12
<b>Direct Attainment</b>	34.275	34.275	36.44	34.275

**Laboratory Course Attainment**

Course Name: Software engineering

Course Code: CSC5S2

	CO4	CO5
Indirect	86	90
Direct	90	90
Final Attainment	89.2	90

The attainment of CO's by the Dept. of Computer Science is around 53% in theory paper. It is requested to improve the attainment levels for the next academic year by taking necessary measures. The attainment of CO's for the laboratory is 90%. It is requested to maintain the same or above levels for the next academic year.

*K. S. Sailaja Rani*  
 Co-ordinator  
 IQAC

SRI A.B.R. GOVT. DEGREE COLLEGE  
 REPALLE 522266  
 GUNTUR (D.C.), A.P.

*K. S. Sailaja Rani*  
 Principal  
 Sri A.B.R. Govt. Degree College

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTERSCIENCE**  
**ACADEMIC YEAR: 2021-22**

Programme: B.Sc(MPCS)

Year : III

Semester: V

Subject : Computer Science

Course Code: CSC5S2

Course Name: Software Engineering

Name of the Faculty: K M S Sailaja Rani

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT	EXPECTED LEVEL of ATTAINMENTS
CO1	94	41.3	53.90	100	63.12	50
CO2	94	41.3	53.90	88.00	60.72	50
CO3	90	41.3	52.10	88.00	59.28	50
CO4	90	41.3	52.10	92.00	60.08	50
CO5	83.33	41.3	49.10	92.00	57.68	50

**PO Attainment**

	PO1	PO3	PO4	PO5
CO1	3		3	3
CO2	3	3	3	3
CO3	2	3	3	2
CO4	3		3	3
CO5	3	3	3	3
Total	14	9	15	14
<b>Direct Attainment</b>	41.71	35.33	42.4	41.71


**Laboratory Course Attainment**

Course Name: Software engineering

Course Code: CSC5S2

	CO4	CO5
Indirect	86	90
Direct	90	90
Final Attainment	89.2	90

The attainment of CO's by the Dept. of Computer Science is around 58% in theory paper. It is requested to improve the attainment levels for the next academic year by taking necessary measures. The attainment of CO's for the laboratory is 89%. It is requested to maintain the same or above levels for the next academic year.

  
 Co-ordinator  
 IQAC

Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Registrar (Dt.), A.P.



Principal  
 Sri A.B.R. Govt. Degree College  
 REPALLE

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTERSCIENCE**  
**ACADEMIC YEAR: 2021-22**

Programme: B.Sc(MCCS)

Year : III

Subject : Computer Science

Course Name: Web technologies

Name of the Faculty: KMS Sailaja Rani

Semester: VI

Course Code: CSC6SC

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	86.66555555	33.4	43.60	94	53.68	50
CO2	34	33.4	43.60	88.00	52.48	50
CO3	45.4	33.4	43.00	84.00	51.2	50
CO4	81.33	33.4	43.00	84.00	51.2	50
CO5	52.59	33.4	42.10	86.00	50.88	50

**PO Attainment**

		PO1	PO3	PO4	PO5
<b>Direct Attainment</b>	CO1	3		3	3
	CO2	3	3	3	3
	CO3		3	3	3
	CO4	3		3	3
	CO5	3	3		3
	Total	12	9	12	15
		32.55	28.87	43.30	32.55

**Laboratory Course Attainment**

Course Name: Web Technologies

Course Code: CSC6SC

	CO2	CO3
<b>Indirect</b>	88	84
<b>Direct</b>	94	94
<b>Final Attainment</b>	92.8	92

*KMS Sailaja Rani*  
 Co-ordinator  
 IQAC  
 21/4

Sri A.B.R. Govt. Degree College  
 REPALLE 522 203  
 (Autonomous) A.P.

*KMS*  
 Principal  
 Sri A.B.R. Govt. Degree College  
 REPALLE

The attainment of CO's by the Dept. of Computer Science is around 51% in theory paper. It is requested to improve the attainment levels for the next academic by taking necessary measures. The attainment of CO's for the laboratory is 92%. It is requested to maintain the same or above levels for the next academic year.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTERSCIENCE**  
**ACADEMIC YEAR: 2021-22**

Programme: B.Sc(MPCS)

Year : III

Semester: VI

Subject : Computer Science

Course Code: CSC6SC

Course Name: Web Technologies

Name of the Faculty: KMS Sailaja Rani

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	94	38.9	51.90	100	61.52	50
CO2	41.3	38.9	51.90	88.00	59.12	50
CO3	53.9	38.9	47.70	96.00	57.36	50
CO4	94	38.9	47.70	90.00	56.16	50
CO5	61.92	38.9	46.50	92.00	55.6	50

**PO Attainment**

		PO1	PO3	PO4	PO5
<b>Direct Attainment</b>	CO1	3		3	3
	CO2	3	3	3	3
	CO3	2	3	3	2
	CO4	3		3	3
	CO5	3	3	3	3
	Total	14	9	15	14
		39.28	33.20	39.84	39.28

**Laboratory Course Attainment**

Course Name: Web Technologies

Course Code: CSC6SC

	CO4	CO5
<b>Indirect</b>	88	96
<b>Direct</b>	95.4	95.4
<b>Final Attainment</b>	93.92	95.52

  
 Co-ordinator  
 IQAC

Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

  
 Principal  
 Sri A.B.R. Govt. Degree College  
 REPALLE

The attainment of CO's by the Dept. of Computer Science is around 56% in theory paper. It is requested to improve the attainment levels for the next academic year by taking necessary measures. The attainment of CO's for the laboratory is 96%. It is requested to maintain the same or above level for the next academic year.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2021-2022**

Programme: B.Sc - MPCS & MCCS - COMPUTER CLUSTER

Year : III

Subject : Computer Science

Course Name: Big Data Technology

Name of the Faculty: G. RAVITEJA

Semester: VI

Course Code: CSC6SA2

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	96	51	62.1	84	66.48	65
CO2	96	51	62.1	86	66.88	65
CO3	96.67	51	62.4	82	66.32	65

PO ATTAINMENT					
	PO1	PO3	PO4	PO5	
CO1	3		3	3	3
CO2	3	3			3
CO3		3	3		
<b>Total</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>
<b>Direct Attainment</b>	<b>62.1</b>	<b>62.25</b>	<b>62.25</b>	<b>62.1</b>	

*G. Raviteja*  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.

The attainment of COs by the Dept. of Computer Science is around 66% in this paper. It is required to improve the attainment level for next Academic Year by taking necessary measures.

M.S. Saini - *M.S. Saini*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2021-22**

Programme: B.Sc.MPCS & MCCS

Year : III

Semester: VI

Subject : Computer Science

Course Code: CS6SA1S

Course Name: Foundations of Data Science

Name of the Faculty: M NIRANJAN

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	82.66	41.3	51.80	86	58.64	65
CO2	81.3	41.3	51.20	84.00	57.76	65
CO3	80.66	41.3	50.90	82.00	57.12	65

**PO ATTAINMENT**

		PO1	PO3	PO4	P05
Direct Attainment	CO1	3		2	3
	CO2	2	2		
	CO3		3		
	Total	5	5	2	3
		51.56	51.02	51.80	51.80

**Laboratory Course Attainment**

Course Name: Foundations of Data Science Course Code: CSC6SA1P

CO ATTAINMENT	CO1	CO2	CO3
DIRECT ATTAINMENT	96.00	96.00	96.00
INDIRECT ATTAINMENT	88	84.00	88.00
FINAL ATTAINMENT %	94.4	93.6	94.4

The attainment of COs in 'Foundations of Data Science' during Semester IV by the students is around 57% in theory and 92% ~~attainment~~ in practical. It is advised to follow necessary remedial measures to improve attainment levels in theory in next academic year.

*K. M. S. Srinivas - In-Charge*  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

*[Signature]*  
 Coordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 205  
 Guntur (D), A.P.

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2021-2022**

Programme: B.Sc - MPCS & MCCS - COMPUTER CLUSTER

Year : III

Subject : Computer Science

Lab Name: Big Data Technology


Name of the Faculty: G. RAVITEJA

Semester: VI

Course Code: CSC6SA2

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	47.7	95.4	84	93.12	90
CO2	47.7	95.4	86	93.52	90
CO3	47.7	95.4	82	92.72	90

PO ATTAINMENT	PO1	PO3	PO4	PO5
CO1	3		3	3
CO2	3	3		3
CO3		3	3	
<b>Total</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>
<b>Direct Attainment</b>	<b>95.4</b>	<b>95.4</b>	<b>95.4</b>	<b>95.4</b>

  
**Co-ordinator**  
**IQAC**  
**Sri A.B.R. Govt. Degree College**  
**REPALLE 822 285**  
**Guntur (Dt.), A.P.**

The attainment of CO's by the Department of Computer Science is around 93% in this Lab. It is requested to maintain the same or above for the next Academic Year.

P. Prasad  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

**SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC YEAR: 2021-22**

Programme: B.Sc.MPCS & MCCA

Year : III

Semester: VI

Subject : Computer Science

Course Code: CS6SA1

Course Name: Cluster, Project

Name of the Faculty: M NIRANJAN

CO ATTAINMENT	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	97.70	97.70	82	94.56	85
CO2	97.70	97.70	84.00	94.96	85
CO3	97.70	97.70	80.00	94.16	85

CO ATTAINMENT	CO1	CO2	CO3
DIRECT ATTAINMENT	97.70	97.70	97.70
INDIRECT ATTAINMENT	82	84.00	80.00
FINAL ATTAINMENT %	94.56	94.96	94.16

PO ATTAINMENT		PO1	PO2	PO3	P09
	CO1	3			3
	CO2	2	2		
	CO3		3	1	
	Total	5	5	1	3
Direct Attainment		97.7	97.7	97.7	97.7

It is appreciated the faculty for attaining the expected level of attainment in cluster project and advised to keep up the same effort to register same level of attainment in next academic year.

*K. M. S. Srinivas*  
 In-Charge  
 Department of Computer Science  
 Sri ABR Govt. Degree College, Repalle

*[Signature]*  
 Co-ordinator  
 IQAC  
 Sri A.B.R. Govt. Degree College  
 REPALLE 522 265  
 Guntur (Dt.), A.P.