Huzurpaga Mahila Vanijya Mahavidyalaya

BBA(CA)

SYBBA(CA) Semester IV (CBCS) Pattern 2019 Networking Course code 401 Credit 3

Teacher Name: Mayuri Padhye

Program Outcome (POs)

After successfully completing BBA(CA) Programme students will be able to:

PO1	To provide the students with the conceptual knowledge and understanding of the fundamental in the domain of Computers, Mathematics, Commerce and Management.
PO2	To acquire practical skills along with the hands-on experience on emerging technologies among students.
PO3	To sharpen the application, analytical and decision making skill of the students and make use cyber security in the computing fields.
PO4	To develop entrepreneurship, communication and managerial skills in students.
PO5	To develop a sound academic base for students, to advance their career in Computer Applications.

Program Specific Outcomes (PSOs)

After successfully completing BBA(C.A.) Programme students will be able to:

PSO1	Knowledge of computers, Operating system, Networking, Programming Language, Database concept and electronic commerce.
PSO2	Students will get well knowledge of design, testing, implementation and deployment of Window based and Web Applications and latest trends in technology.
PSO3	Blending of Computer, Commerce and Management gives keen knowledge of all three disciplines to provide wide area of job opportunities for the students.

Course Outcomes: (CO 401)

Learning Outcomes	Teaching learning strategies /Activities	Assessment tasks/tools
Students will be able	Lecture method,	Assignment
CO401.1 Understand Basics of computer	Use of ICT	Test
network;		
CO401.2 Learn different network model	Lecture method	Assignment
	Use of ICT	Test
CO401.3 To learn Transmission media		
CO401.4 Understand Wire and Wireless	Lecture method,	Assignment
LAN	Use of ICT	Test
CO401.5 Learn different network devices	Lecture method, Use	Assignment
	of ICT	Test
CO401.6 Understand Required security		
constraint		

Course Specific Outcomes:

Unit	Course Cs-401 SY.BBA(CA) Course	Specific Outcomes: CSO
1	Introduction to Computer Network	Get the knowledge of the basic
	1.1Basics of Computer Network 1.1.1Definition	concept of Computer network.
	1.1.2Goals 1.1.3Applications, 1.1.4Network	Understand the concept of
	Hardware –Broadcast, Point to Point	Network topologies, modes of
	1.1.5Components of Data Communication 1.2	communication and Network
	Network Topologies 1.2.1Mesh 1.2.2 Star, 1.2.3	software.
	Bus, 1.2.4Ring 1.3Types of Networks	
	1.3.1LAN,MAN,WAN, 1.3.2 Internetwork, 1.3.3	
	Wireless Network 1.4 Modes of Communication	
	1.4.1 Simplex, 1.4.2 Half Duplex, 1.4.3 Full Duplex	
	1.5. Server Based LANs & Peer-to-Peer LANs 1.6.	
	Protocols and Standards 1.7. Network Software	
	1.7.1 Protocol Hierarchies, Layers, Peers	
	,Interfaces 1.7.2 Design Issues of the Layers 1.7.3	
	Connection Oriented and Connectionless Service	
2	Network Models	Students will understand OSI and
	2.10SI Reference Model : Functions of each Layer	TCP/IP reference model, Protocol
	2.2 TCP/IP Reference Model, Comparison of OSI	suite and Addressing, IP
	and TCP/IP Reference Model 2.3 TCP/IP Protocol	addressing.
	Suite 2.4 Addressing 2.4.1Physical Addresses	

	2421 1 1411 2422 1111 1111	
	2.4.2 Logical Addresses 2.4.3Port Addresses, 2.4.4	
	Specific Addresses 2.5 IP Addressing 2.5.1 Classful	
2	Addressing 2.5.2 Classless Addressing	Students understand transmission
3	Transmission Media	media that is guided and
	3.1Introduction, Types of Transmission Media 3.2	unguided.
	Guided Media: 3.2.1Twisted Pair Cable- Physical	unguided.
	Structure, Categories, Connectors & Applications	
	3.2.2Coaxial Cable – Physical Structure,	
	Standards, Connectors & Applications 3.2.3Fiber	
	Optic Cable- Physical Structure, Propagation	
	Modes, Connectors & Applications 3.3 Unguided	
	Media: 3.3.1Electromagnetic Spectrum for	
	Wireless Communication 3.3.2Propagation	
	Modes Ground, Sky, Line-of-Sight 3.3.3Wireless	
4	Transmission: Radio Waves, Microwaves, Infrared	77
4	Wired and Wireless LAN	Know the concepts of Wired and
	4.1 IEEE Standards 4.2 Standard Ethernet MAC	Wireless LAN, IEEE 802.11
	Sublayer, Physical Layer 4.3 Fast Ethernet – Goals,	Architecture.
	MAC Sublayer, Topology, Implementation 4.4	
	Gigabit Ethernet – Goals, MAC Sublayer,	•
	Topology, Implementation 4.5 Ten-Gigabit	
	Ethernet – Goals, MAC Sublayer, Physical Layer	
	4.6 Backbone Networks -Bus Backbone, Star	
	Backbone 4.7 Virtual LANs Membership, IEEE	
	standards advantages 4.8 Wireless LAN 4.8.1 IEEE	
	802.11 Architecture, 4.8.2 Bluetooth Architecture	
_	(Piconet, Scatternet)	G. 1
5	Network Devices	Students understand the different
	5.1 Network Connectivity Devices 5.1.1 Active	Network Connectivity Devices.
	and Passive Hubs 5.1.2 Repeaters 5.1.3 Bridges-	
	Types of Bridges 5.1.4 Switches 5.1.5 Router 5.1.6	
	Gateways	
6	Network Security	Students understand the basic
	6.1 Introduction 6.2 Need for Security 6.3 Security	network security, Cryptography,
	Services : 6.3.1 MessageConfidentiality,	Steganography, Copyright and
	Integrity, Authentication, Non repudiation. 6.3.2	Firewalls.
	Entity (User)- Authentication. 6.4 Types of Attack	
	6.5 Cryptography, Plain Text, Cipher Text,	
	Encryption, Decryption, Symmetric Key and	
	Asymmetric Key Cryptography 6.6 Substitution	
	Techniques, Caesar Cipher, and Transposition	
	Cipher (Problems should be covered.) 6.7	
	Firewalls- Packet Filter firewall, Proxy firewall 6.8	
	Steganography, Copyright	

Table1

Course	Course Outcome
Outcome	
CO 401.1	Understand Basics of computer network;
CO 401.2	Learn different network model
CO 401.3	To learn Transmission media
CO 401.4	Understand Wire and Wireless LAN
CO 401.5	Learn different network devices
CO 401.6	Understand Required security constraint

Table 2

CO	PO1	PO2	PO3	PO4	PO5
CO 401.1	3	-	3	2	3
CO 401.2	3	-	3	2	3
CO 401.3	3	-	3	2	3
CO 401.4	3	-	3	2	3
CO 401.5	3	-	3	2	3
CO 401.6	3	-	3	2	3
CO 401	3	-	3	2	3

Table 3

CO	PSO1	PSO2	PSO3
CO 401.1	3	-	3
CO 401.2	3	-	3
CO 401.3	3	-	3
CO 401.4	3	1	3
CO 401.5	3	1	3
CO 401.6	3	1	3
CO 401	3	0.5	3

Sr no	Roll no	Name Of Students	Tool No 1 Presen tation	Target >=40	Tool No 2 Assignments	Target >=40	Tool No 3 Test 1	Target >=40	Tool No 4 Test2	Target >=40	Tool No 5 Final Exam	Target >=28
			4		6		10		10		70	
1	1	LABHANSHI JOSHI	3	Yes	6	Yes	10	Yes	10	Yes	69	Yes
		SAKSHI										
		MUKUNDRAJ										
2	2	KAMBLE	2	Yes	5	Yes	10	Yes	9	Yes	52	Yes
		KONGALE										
3	3	VAISHNAVI VIVEKANAND	2	Yes	6	Yes	0	Yes	9	Yes	61	Vac
3	3	VAISHNAVI	2	ies	6	ies	9	res	9	res	64	Yes
4	4	SANTOSH VAWAL	3	Yes	6	Yes	7	Yes	7	Yes	63	Yes
Ė	•	VAISHNAVI		105	Ü	105	,	105	,	105	0.5	105
5	5	TODKAR	2	Yes	6	Yes	8	Yes	8	Yes	49	Yes
		SANDHYA DILIP										
6	6	MHASKE	3	Yes	6	Yes	10	Yes	9	Yes	62	Yes
7	7	JADHAV SHREYA C	3	Yes	6	Yes	10	Yes	10	Yes	67	Yes
		APURVA ANIL										
8	8	DEDGE	3	Yes	6	Yes	9	Yes	8	Yes	69	Yes
		PRITI UTTAM	_		_		4.0					
9	9	PARMAR	2	Yes	6	Yes	10	Yes	9	Yes	69	Yes
10	10	NIDHI NEHERE	3	Yes	6	Yes	10	Yes	10	Yes	70	Yes
		MEERA DEVIDAS			,		0	**				**
11	11	UMBARJE	2	Yes	4	Yes	9	Yes	9	Yes	53	Yes
12	12	NIKITA ANKUSH JADHAV	2	Yes	6	Yes	9	Yes	7	Yes	53	Yes
12	12	KANDE SAKSHI		103	0	108	2	103	,	103	33	108
13	13	RAJENDRA	2	Yes	3	Yes	10	Yes	9	Yes	70	Yes
		SAKSHI GANESH	_									
14	14	KUMBHAR	3	Yes	6	Yes	10	Yes	9	Yes	70	Yes
15	15	SONALI NIKAM	3	Yes	5	Yes	10	Yes	10	Yes	69	Yes
		AISHWARAYA										
16	16	KAMTHE	2	Yes	4	Yes	9	Yes	7	Yes	64	Yes
		ARPITA										
		MADHUKAR	_						_			
17	17	JAMKHEDKAR	2	Yes	6	Yes	6	Yes	8	Yes	50	Yes
18	18	KALYANI GORAKH MAHANAVAR	2	Yes	6	Yes	9	Yes	10	Yes	55	Yes
10	10	JANHAVI AMIT	Δ	168	U	168	9	1 68	10	168	33	1 68
19	19	PHADTARE	2	Yes	5	Yes	10	Yes	10	Yes	66	Yes
20	20	AMRUTA LAYGUDE	2	Yes	5	Yes	10	Yes	10	Yes	70	Yes
∠∪	20	VAISHNAVI		1 68	3	108	10	1 68	10	168	/0	1 08
21	21	SANTOSH FALKE	3	Yes	5	Yes	10	Yes	10	Yes	63	Yes
		DONGRE SAKSHI	-		-		-					
22	22	SANDIP	2	Yes	4	Yes	9	Yes	9	Yes	70	Yes
		GAIKWAD										
23	23	VAISHNAVI VIJAY	2	Yes	5	Yes	10	Yes	10	Yes	63	Yes
		SHARDA	_		_		_					
24	24	PANCHGALLE	2	Yes	6	Yes	9	Yes	8	Yes	60	Yes
25	25	POOJA RAMDAS RODE	2	Yes	6	Yes	10	Yes	9	Yes	62	Yes
۷3	23	KODE	3	168	6	168	10	168)	168	02	168

		PRANALI SANTOSH										
26	26	DESHMANE	2	Yes	6	Yes	9	Yes	9	Yes	66	Yes
		RAKH PRATIKSHA										
27	27	PANDURANG	2	Yes	6	Yes	9	Yes	9	Yes	59	Yes
		TANVI MOHAN										
28	28	TAPKIR	AB	NA	6	Yes	9	Yes	0	Yes	46	Yes
		RAJNANDINI										
29	29	SHIVAJI KAMBLE	2	Yes	5	Yes	9	Yes	9	No	43	Yes
		PALAK M										
30	30	KHANDELWAL	2	Yes	3	Yes	10	Yes	10	Yes	59	Yes
31	31	SHWETA NALGIRE	AB	NA	6	Yes	9	Yes	9	Yes	39	Yes
32	32	SANJANA JADHAV	2	Yes	AB	NA	9	Yes	10	Yes	50	Yes
		VAISHNAVI										
33	33	BHAUBANDE	2	Yes	3	Yes	9	Yes	10	Yes	60	Yes
		SIDDHI										
34	34	DHAPODKAR	2	Yes	4	Yes	10	Yes	9	Yes	69	Yes
		GAYATRI										
		MAHADEV										
35	35	SURVASE	2	Yes	4	Yes	9	Yes	8	Yes	56	Yes
36	36	SHWETA NAGPURE	2	Yes	4	Yes	9	Yes	10	Yes	66	Yes
		4 - 12										

1 Tool No 1 Presentation

Yes= 36 No=00 NA=02 Total No. of Yes/Total No. of Students 34/36 0.94

2 Tool No 2 Assignments

Yes= 35 No=00 NA=01 Total No. of Yes/Total No. of Students 35/36 0.97

3 Tool No 3 Test1

Yes= 36 No=00 NA=00 Total No. of Yes/Total No. of Students 36/36

4 Tool No 4 Test2

Yes= 36 No=00 NA=00 Total No. of Yes/Total No. of Students 36/36 1

5 Tool No 5 Final Exam

Yes= 36 No=00 NA=00 Total No. of Yes/Total No. of Students 36/36 1

Internal Average Assessment=Presentation+Assignment+Test1+Test2

(0.94+0.97+1+1)/4=3.91/4=0.977

0 To 0.40	1
0.41 To 0.60	2
0.61 To 1.00	3

AVRAGE ATTAIMNMENT VALUE IS 0.977 = ATTAINMENT LEVEL= 3

EXTERNAL AVRAGE ATTAIMENT
AVRAGE ATTAIMNMENT VALUE IS 1 = ATTAINMENT LEVEL= 3

Overall course Attainment= 0.5xlA attainment+ 0.5xUR attainment

Overall course Attainment= 0.5x3+ 0.5x3 Overall course Attainment= 3

PO Attainment

PO1=(corresponding cell value in table 3 X Overall CO attainment value) /3

PO1 (3X3)/3=3

PO2 (0X 3)/3 = 0

PO3 (3 X 3)/3 = 2

PO4 (2X3)/3=2

PO5 (3 X 3)/3= 3

Average PO attainment=1.66

PSO Attainment

PSO1=(corresponding cell value in table 3 X Overall CO attainment value)/3

PSO1(3X3)/3=3

PSO2 (0.5X3)/3=0.5

PSO3 (3X3)/3=3

Average PSO attainment=2.16

Huzurpaga Mahila Vanijya Mahavidyalaya

BBA(CA)

FY BBA(CA) Semester II (CBCS) Pattern 2019 Relational Data Base Course code 204 Credit 3

Teacher Name: Mayuri Padhye

Program Outcome (POs)

After successfully completing BBA(CA) Programme students will be able to:

PO1	To provide the students with the conceptual knowledge and understanding of the fundamental in the domain of Computers, Mathematics, Commerce and Management.
PO2	To acquire practical skills along with the hands-on experience on emerging technologies among students.
PO3	To sharpen the application, analytical and decision making skill of the students and make use cyber security in the computing fields.
PO4	To develop entrepreneurship, communication and managerial skills in students.
PO5	To develop a sound academic base for students, to advance their career in Computer Applications.

Program Specific Outcomes (PSOs)

After successfully completing BBA(C.A.) Programme students will be able to:

PSO1	Knowledge of computers, Operating system, Networking, Programming Language, Database concept and electronic commerce.
PSO2	Students will get well knowledge of design, testing, implementation and deployment of Window based and Web Applications and latest trends in technology.
PSO3	Blending of Computer, Commerce and Management gives keen knowledge of all three disciplines to provide wide area of job opportunities for the students.

Course Outcomes: (CO 204)

Learning Outcomes	Teaching learning	Assessment tasks/tools
	strategies	
	/Activities	
Students will be able	Lecture method,,	Assignment
CO204.1 To understand concept of	Use of ICT	Test
RDBMS and Understand various RDBMS		
products.		
CO204.2 Understanding of various	Lecture method,	Assignment
programming aspects of PL/SQL, Writing	Practical	Test
of function, Procedure, triggers, Cursor	Demonstration, , Use	Practical
and Packages;	of ICT	
CO204.3 To understand basic transaction	Lecture method,	Assignment
processing concepts.	problem solving	Test
	sessions,, Use of	
	ICT	
CO204.4 To learn how to prevent	Lecture method, Use	Assignment
deadlock situation and Data recovery from	of ICT	Test
Various failures with different techniques		

Course Specific Outcomes:

Unit	Course Cs-204 F.Y.BBA(CA) Course	Specific Outcomes: CSO
1	Introduction to RDBMS	Get the knowledge of the core concept of
	Introduction to popular RDBMS product	RDBMS Create tables using SQL DDL
	and their features	and can specify primary key and foreign
	Difference Between DBMS and RDBMS	key constraints.
	Relationship among application programs	
	and RDBMS	
2	PL/SQL	Students will able to write a program i.e.
	Overview of PLSQL	PL/SQL block that interact with DBMS
	Data Types	server. Understand constraints, function,
	PLSQL	procedure, cursor triggers and packages
	Exception Handling	and how to use them.
	Functions, Procedures	
	Cursor	
	Trigger	
	Package	
3	Transaction Management	Students understand transactions and
	Transaction Concept	their properties (ACID). Understand the
	Transaction Properties	concept of serializability.
	Transaction States	
	Concurrent Execution	
	Serializability	
4	Concurrency control	Know the concepts of Lock based
	Lock Based Protocol	protocol and understand locking
	Timestamp Based Protocol	protocols used to ensure isolation.

Deadlock Handling	Understand the concept of Timestamp
Failure Classification	Based protocol, validation based protocol
Recovery & Atomicity	and deadlock handling.
Recovery with concurrent transaction	Identifies the recovery management and
-	Understand the recovery with concurrent
	transaction and transaction rollback.

Table1

Course Outcome	Course Outcome
CO 204.1	To understand concept of RDBMS and Understand various RDBMS products.
CO 204.2	Understanding of various programming aspects of PL/SQL, Writing of function, Procedure, triggers, Cursor and Packages;
CO 204.3	To understand basic transaction processing concepts
CO 204.4	To learn how to prevent deadlock situation and Data recovery from Various failures with different techniques

Table 2

CO	PO1	PO2	PO3	PO4	PO5
CO 204.1	3	1	2	1	2
CO 204.2	2	3	2	1	3
CO 204.3	2	2	-	1	2
CO 204.4	3	2	2	1	2
CO 204	2.5	2	1.5	1	2.25

Table 3

CO	PSO1	PSO2	PSO3
CO 204.1	3	1	2
CO 204.2	3	3	3
CO 204.3	3	1	1
CO 204.4	3	1	1
CO 204	3	1.5	1.75

Sr no	Roll no	Name Of Students	Tool No 1 Presenta tion	Target >=40	Tool No 2 Assignm ents	Target >=40	Tool No 3 Test 1	Target >=40	Tool No 4 Test2	Targ et>=4 0	Tool No 5 Final Exa m	Tar get >=4 0
			4		6		10	4	10	4	70	28
1	1	SURYAVANSHI DIPTI DEEPAK	4	yes	6	Yes	8	Yes	9	Yes	67	Yes
2	2	RATHOD SNEHA SACHIN	3	yes	6	Yes	7	Yes	7	Yes	63	Yes
3	3	HAGAWANE TANVI RAMDAS	3	yes	6	Yes	8	Yes	10	Yes	50	Yes
4	4	CHAUDHARI JANHAVI GANESH	4	yes	6	Yes	10	Yes	10	Yes	70	Yes
5	5	KAMBLE PURVA VISHAL	4	yes	6	Yes	8	Yes	9	Yes	64	Yes
6	6	WAGHMARE PRIYANKA SHIVPUTRA	3	yes	6	Yes	10	Yes	10	Yes	70	Yes
7	7	CHORGHE ISHA SANJAY	3	yes	6	Yes	10	Yes	10	Yes	70	Yes
8	8	HULAWALE KANCHAN RAM	4	Yes	6	Yes	3	Yes	8	Yes	53	Yes
9	9	DAYAL TEJAS RAVINDRA	3	Yes	6	Yes	10	Yes	10	Yes	70	Yes
10	10	SAROLKAR MANSI DHARMENDRA	3	Yes	6	Yes	7	Yes	10	Yes	AA	NA
11	11	JINGARE RAVINA SANJAY	3	Yes	6	Yes	10	Yes	10	Yes	70	Yes
12	13	SONAWANE SHRUTI SHARAD	3	Yes	6	Yes	8	Yes	9	Yes	57	Yes
13	14	BHOSALE PURVA VASANT	4	Yes	6	Yes	10	Yes	10	Yes	70	Yes
14	15	TOUR PRIYA ASHOK	AB	NA	AB	NA	8	Yes	10	Yes	70	Yes
15	16	BARTAKKE VEDICA RAJENDRA	3	Yes	6	Yes	8	Yes	8	Yes	70	Yes
16	17	CHAVAN PRERNA RAVI	2	Yes	6	Yes	8	Yes	10	Yes	70	Yes
17	18	CHANDANE DIKSHITA BALASAHEB	3	Yes	6	Yes	9	Yes	9	Yes	70	Yes
18	19	KUMBHARE SAKSHI ANAND	4	Yes	6	Yes	8	Yes	9	Yes	67	Yes
19	20	KAMBLE SHWETA VISHWANATH	3	Yes	6	Yes	10	Yes	10	Yes	32	Yes
20	21	KACHI AISHWARYA RAJENDRA	3	Yes	6	Yes	10	Yes	10	Yes	70	Yes
21	22	RANAWADE ANKITA ANKUSH	3	Yes	6	Yes	10	Yes	10	Yes	63	Yes
22	23	KAMBLE ANJALI AJAY	1	Yes	AB	NA	7	Yes	10	Yes	70	Yes
23	24	DAREKAR ADITI SAMADHAN	AB	NA	6	Yes	7	Yes	10	Yes	50	Yes
24	25	AHIR UNNATI VINAYAK	4	Yes	6	Yes	9	Yes	10	Yes	70	Yes
25	26	GHARAT AKANSHA ANIL	4	Yes	6	Yes	9	Yes	10	Yes	70	Yes
26	27	PARMAR PALLAVI UTTAM	3	Yes	6	Yes	10	Yes	10	Yes	70	Yes
27	28	GHATUL NIKITA SOMNATH	3	Yes	6	Yes	5	Yes	9	Yes	66	Yes
28	30	CHOUHAN SANSKRITI LAKHANLAL	3	Yes	6	Yes	8	Yes	9	Yes	70	Yes
29	31	KHAN ALIYA ZAHOOR	2	Yes	AB	NA	7	Yes	10	Yes	67	Yes
30	32	CHAVAN SANIYA MANOHAR	3	Yes	6	Yes	8	Yes	9	Yes	53	Yes

31	33	GHONE ISHA SACHIN	3	Yes	6	Yes	6	Yes	9	Yes	45	Yes
32	34	CHAVAN ROHINI BABASAHEB	3	Yes	6	NA	7	Yes	AB	NA	62	Yes
33	35	DHANASHREE DHORE	3	Yes	6	Yes	9	Yes	10	Yes	55	Yes
34	36	NEETA DHANGAR	3	Yes	6	Yes	8	Yes	10	Yes	52	Yes

1 Tool No 1 Presentation

Yes= 32 No=00 NA=02 Total No. of Yes/Total No. of Students 32/34 0.94

2 Tool No 2 Assignments

Yes= 33 No=00 NA=03 Total No. of Yes/Total No. of Students 31/34 0.91

3 Tool No 3 Test1

Yes= 34 No=00 NA=01 Total No. of Yes/Total No. of Students 34/34

4 Tool No 4 Test2

Yes= 33 No=00 NA=01 Total No. of Yes/Total No. of Students 33/34 0.97

5 Tool No 5 Final Exam

Yes= 33 No=01 NA=00 Total No. of Yes/Total No. of Students 33/34 0.97

Internal Average Assessment=Presentation+Assignment+Test1+Test2 (0.94+0.91+1+0.97)/4=3.82/4=0.955

0 To 0.40	1
0.41 To 0.60	2
0.61 To 1.00	3

AVRAGE ATTAIMNMENT VALUE IS 0.95 = ATTAINMENT LEVEL= 3

EXTERNAL AVRAGE ATTAIMENT AVRAGE ATTAIMMENT VALUE IS 0.97 = ATTAINMENT LEVEL= 3

Overall course Attainment= 0.5xIA attainment+ 0.5xUR attainment

Overall course Attainment= 0.5x3+ 0.5x3 Overall course Attainment= 3

PO Attainment

PO1=(corresponding cell value in table 3 X Overall CO attainment value) /3

PO1 (2.5 X3)/3=2.5

PO2 (2X 3)/3 = 2

PO3 (1.5 X 3)/3= 1.5

PO4 (1X3)/3=1

PO5 (2.25 X 3)/3= 2.25

Average PO attainment=1.85

PSO Attainment

PSO1scorresponding cell value in table 3 X Overall CO attainment value)/3

PSO1-(3X3)/3=3

PSO2-(1.5X3)/3=1.5

PSO3-(1.75X3)/3=1.75

Average PSO attainment=2.08