CO Attainment for A.Y. 2020-21

1. Second Year (New Scheme)

Course	Course Name	CO Attainment
19CN301	M3	2.2
19CN302	Discrete Structure & Graph Theory	3
19CN303	Object Oriented Programming	3
19CN304	Assembly Language Programming	3
19CN305	Analog & Digital Electronics	3
19CN401	Computer Organization & Architecture	3
19CN402	Data Communication & Networking	3
19CN403	Operating System	3
19CN404	Data Structures	3
19CN405	Social Science & Engg Economics	3
Comp Skill Lab 1		3
Comp Skill Lab 2		3

2. Third Year

Course	Course Name	CO Attainment
10CN501	Operating System	3
10CN502	Digital Integrated Circuits	3
10CN503	Computer Architecture & Organization	3
10CN504	Communication Skills	3
10CN505	Free Elective	3
10CN601	Principles of Management	3
10CN602	Database Management System	3
10CN603	Theory of Computation	2.98
10CN604	COMPUTER NETWORK	3
10CN605	Free Elective	3
Clab 3		3
Clab 4	Joomla	1.63

3. Final Year

Course	Course Name	CO Attainment
10CN701	Digital Signal Processing	3
10CN702	Object Oriented System Analysis & Design	3
10CN703	Web Technology	3
10CN704	Real Time Embedded System	3
10CN705	Modeling & Simulation	3
10CN705	Distributed Database System	3
10CN705	Artificial Intelligence and Expert System	3
10CN801	DWC	3
10CN802	Network Administration And Security	3
10CN803	Software Engineering	3
10CN804	Web Commerce	3
10CN804	Cloud Computing	3
Clab 5		3

Attainment of Program Outcomes (4rth Year)

CO-PO Attainment for A.Y. 2020-21

Course	Subject	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
10CN701	Digital Signal Processing	3	3	2.17	2.33	3					1	1	2
10CN702	Object Oriented System Analysis & Design	0.9	0.81	0.81	0.72				0.09	0.09	0.36	0.17	
10CN703	Web Technology	1.6	1.6	1.6	3	1.6	1.7	1.35		1.6	0	2	1.6
10CN704	Real Time Embedded System	1.07	0.69	0.53	0.69	0.61				0.53	0.16		
10CN705	Modeling & Simulation	1.3	1.12	1.12	1.21	1.3	0.28	0.28	0.46	0.21	0.09	0.58	0.65
10CN705	Distributed Database System	1.45	1.3	0.46	0.23	1.31	1.31			1.45	0.45	1.6	1.31
10CN705	Artificial Intelligence and Expert System	1.6	1.5	1.6	1.72	2.2	1.4	1,4					1.4
10CN801	DWC	1.12	1.12	0.933	0.84	0.466	0.093					0.37	0.28
10CN802	Network Administration And Security	1.75	1.4	1.3	0.6	0.9	0.7	1.6				1.56	1.58
10CN803	Software Engineering	1.56	1.57	1.5	1.55	1.6	1.46	1.53	1.53	1.53	1.63	1.45	1.4
10CN804	Web Commerce	0.93	1.21	1.12	1.02	1.21	1.4	0.74	0.37	0.18	0.18	1.16	1.3
10CN804	Cloud Computing	1.628	1.6	1.72	2.08	1.75	1.4	1.4			0.7		1.5
Clab 5		2	2	1	1	-	-	-	-	-	-	-	1
Direct		1.5314	1.4554	1.2202	1.3069	1.4496	1.0826	1.15	0.6125	0.7986	0.5078	1.0989	1.2745
Indirect													
Total		1.5314	1.4554	1.2202	1.3069	1.4496	1.0826	1.15	0.6125	0.7986	0.5078	1.0989	1.2745

CO-PSo Attainment for A.Y. 2020-21

Course		PSO1	PSO2
10CN701	Digital Signal Processing	1.4	1
10CN702	Object Oriented System Analysis & Design	0.45	
10CN703	Web Technology	2.3	1
10CN704	Real Time Embedded System	0.97	0.47
10CN705	Modeling & Simulation	0.65	1.21
10CN705	Distributed Database System	0.84	
10CN705	Artificial Intelligence and Expert System	**1.628571**	**1.4**
10CN801	DWC	0.84	
10CN802	Network Administration And Security	1	0.55
10CN803	Software Engineering	0.45	
10CN804	Web Commerce	0.45	1.17
10CN804	Cloud Computing	**1.545455**	**1.4**
Clab 5		1	1
Direct		**1.0403**	**1.0222**
Indirect			
Total		**1.0403**	**1.0222**

Prof. Ram Meghe Institute of Technology & Research, Badnera

P.G Department of Computer Applications

Date: 23rd July 2021

To,

The Principal

PRMIT&R, Badnera

Subject:- Assessment Report of PEO's and PO's year 2020-21.

The departmental academic advisory committee analyzed the program educational objectives and program outcomes from the student exit survey, faculty feedback survey, Alumni survey and Employer survey.

Please find enclosed assessment report of PEO's and PO's year 2020-21

Thanking you.

Head

PGDCA

Department of Master in Computer Applications
Summary Sheet of Students Exit Survey 2020-21
PEOs Attained

Sr. No.	Preparation	Core Competence	Breadth	Professionalism	Learning environment
1	3	3	3	3	3
2	4	4	4	4	4
3	3	4	3	3	3
4	3	3	3	3	3
5	3	3	3	3	3
6	2	2	2	3	3
7	1	1	1	2	2
8	3	3	2	3	3
9	3	3	3	3	3
10	3	3	3	3	3
11	2	4	3	3	3
12	2	2	2	2	2
13	2	2	2	2	2
14	3	3	3	3	2
15	2	2	3	2	2
16	3	3	3	3	3
17	1	3	2	3	2
18	2	2	1	2	1
19	3	3	3	3	3
20	2	2	2	2	2
21	2	1	2	1	3
22	3	3	3	3	3
23	3	2	3	3	2
24	3	3	2	3	2
25	4	4	4	4	4
26	3	1	1	2	3
27	4	4	4	3	4
28	2	3	3	4	3
29	1	1	1	1	2
30	4	4	4	3	3
31	3	3	3	3	3
32	1	2	1	2	2
33	2	2	2	2	2
Total	85	88	84	89	88
% Attained	64	67	64	67	67

Assesment Report:

The satisfaction level of the respondently has reduced in almost all aspects. This could be attributed to the online mode of teaching learning with no personal interaction. This will be worked upon & taken care of

HOD sign

Department of Master in Computer Applications
Summary Sheet of Students Exit Survey 2020-21
POs Attained

Sr. No.	a	b	c	d	e	f	g	h
1	3	3	3	3	3	3	3	3
2	4	4	4	4	4	4	4	4
3	3	3	4	3	3	3	3	3
4	3	3	3	3	3	3	3	3
5	3	2	3	2	3	3	3	3
6	2	2	1	1	2	2	2	3
7	2	1	1	2	1	1	2	2
8	3	3	4	4	3	2	2	3
9	3	3	3	3	3	3	3	3
10	3	3	3	3	3	3	3	3
11	3	4	3	3	3	3	3	3
12	1	1	1	1	1	1	3	3
13	2	2	2	2	2	2	2	2
14	3	3	2	3	3	3	3	3
15	3	2	2	2	2	3	2	2
16	3	3	3	3	3	3	3	3
17	2	2	2	3	2	2	2	2
18	1	1	1	1	1	1	2	2
19	3	3	3	3	3	3	3	3
20	3	2	2	2	2	2	2	2
21	0	2	1	2	3	1	1	1
22	3	3	2	3	2	3	3	3
23	3	3	2	2	3	3	3	3
24	3	2	1	2	2	3	2	3
25	4	4	4	4	4	4	4	4
26	2	4	3	2	4	2	1	2
27	4	3	3	4	4	3	4	3
28	3	1	2	3	2	3	2	3
29	1	2	2	2	1	1	1	1
30	3	2	3	3	3	3	3	3
31	4	3	3	3	3	3	3	3
32	1	1	1	3	2	2	3	2
33	2	2	2	2	2	2	2	2

Total	86	82	79	86	85	83	85	88
% Attained	65	62	60	65	64	63	64	67

Assesment Report:

In the attainment of PO's too, the online mode seems to have been a deterrent, (with our rural students, without a lack of stable internet). This surely would be worked upon in the next AY.

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Department of Master in Computer Applications
Summary Sheet of Faculty Survey 2020-21
PEOs Attained

Sr. No.	Preparation	Core Competence	Breadth	Professionalism	Learning environment
1	3	4	4	3	4
2	4	3	3	2	3
3	4	3	3	2	3
4	3	3	3	3	2
5	3	3	3	3	3
6	4	3	2	3	2
Total	21	19	18	16	17
% Attained	88	79	75	67	71

Assesment Report:

The faculty dissatisfaction in terms of value systems, team work & working towards holistic development is a result of the sudden switch to online mode of teaching learning. This will be worked upon during the next Ay

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Department of Master in Computer Applications
Summary Sheet of Faculty Survey 2020-21
POs Attained

Sr. No.	a	b	c	d	e	f	g	h
1	3	4	4	4	4	4	4	4
2	4	4	3	3	2	4	3	4
3	4	3	4	3	2	3	3	3
4	3	3	3	2	2	3	2	3
5	3	4	2	3	3	4	2	3
6	4	3	3	3	2	3	3	3
Total	21	21	19	18	15	21	17	20
% Attained	88	88	79	75	63	88	71	83

Assesment Report:

There is a dip in point C, which relates to application of concepts which may be aramasn a due to online conduction of practicals. Will be overcome in coming Ay

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Department of Master in Computer Applications
Summary Sheet of Employer Survey 2020-21
PEOs Attained

Sr. No.	Preparation	Core Competence	Breadth	Professionalism	Learning environment
1	4	4	4	4	4
2	4	3	3	4	4
Total	8	7	7	8	8
% Attained	100	88	88	100	100

Assesment Report:

The employers have given a satisfactory feedback

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Department of Master in Computer Applications
Summary Sheet of Employer Survey 2020-21
POs Attained

Sr. No.	a	b	c	D	e	f	g	h
1	4	4	4	4	4	4	4	4
2	3	3	3	2	4	4	4	4
Total	7	7	7	6	8	8	8	8
% Attained	88	88	88	75	100	100	100	100

Assesment Report:

The employers have given satisfactory feedback with respect to all POs

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Department of Master in Computer Applications
Summary Sheet of Alumni Survey 2020-21
PEOs Attained

Sr. No.	Preparation	Core Competence	Breadth	Professionalism	Learning environment
1	4	4	4	4	4
2	4	3	3	3	3
Total	8	7	7	7	7
% Attained	100	88	88	88	88

Assesment Report:

Alumni feedback is satisfying but more efforts need to be taken on Competence, professionalism & learning environment —

HOD Sign _____

Department of Master in Computer Applications
Summary Sheet of Alumni Survey 2020-21
POs Attained

Sr. No.	a	b	c	d	e	f	g	h
1	4	4	4	4	4	4	4	4
2	4	3	3	3	4	4	3	4
Total	8	7	7	7	8	8	7	8
% Attained	100	88	88	88	100	100	88	100

Assesment Report:

Though the feedback is satisfying, efforts will be taken on improving problem solving skills, dealing with complexities & inculcating professional ethics & value

HOD Sign