



AISSMS

COLLEGE OF PHARMACY

IMPARTING EXCELLENCE IN EDUCATION & RESEARCH



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2F,12B recognition by UGC, Affiliated to Savitribai Phule Pune University
Accredited by NAAC with A Grade

CO-PO sample calculation B. Pharm

AISSMS COLLEGE OF PHARMACY,Pune-01 KENNEDY ROAD, NEAR R.T.O. PUNE – 411 001	
Course PO matrix	
ACADEMIC YEAR : 2020-21	COURSE: S.Y. B. Pharmacy
COURSE CODE/COURSE NAME: BP302T:Physical Pharmaceutics -II	SEMESTER: IV
NAME OF FACULTY: Dr.Monica RP Rao/Dr. Rahul Padalkar	

CO1	Understand properties and stability of colloids
CO2	Explain behaviour of liquids and semisolids in response to shear stress and apply knowledge to dosage design
CO3	Understand properties of coarse dispersions- suspensions and emulsions
CO4	Evaluate properties of solids and apply to design of solid dosage forms
CO5	Distinguish principles of kinetic in stability testing

	Course Outcomes	Program outcomes											
		CO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10	PO11
	CO1	3	1	1	–	–	–	–	–	–	–	–	–
BP302T: Physical Pharmaceutics -II	CO2	2	2	2	2	–	–	–	–	–	–	–	–
	CO3	2	2	2	2	–	–	–	–	–	–	–	–
	CO4	2	2	2	2	–	–	–	–	–	–	–	–
	CO5	2	1	2	1	–	–	–	–	–	–	–	–
	Avg	2.2	1	1.8	1	–	–	–	–	–	–	–	–

AISSMS COLLEGE OF PHARMACY,PUNE-01

KENNEDY ROAD, NEAR R.T.O. PUNE – 411 001	
COURSE OUTCOME ATTAINMENT	
ACADEMIC YEAR : 2020-21 COURSE CODE/COURSE NAME: BP302T- PHYSICAL PHARMACEUTICS II	COURSE: S.Y. B. Pharmacy
	SEMESTER: IV
NAME OF FACULTY: Dr.Monica RP Rao/Dr. Rahul Padalkar	

Sessional 1	CO1,CO2
Sessional 2	CO3,CO4,CO5
CA1	CO1
CA2	CO4
Attendance	All CO's
Student teacher interaction	All CO's
University	All the CO's

Target setting done by Considering Last Three Years Result					
Internal	1	60 % students achieving 65 % marks	Semester	1	60 % students achieving 60 % marks
	2	70 % students achieving 65 % marks		2	70 % students achieving 60 % marks
	3	80 % students achieving 65 % marks		3	80 % students achieving 60 % marks

INTERNAL MARKS							Univ ersit y Mar ks
Seat No.	Sessi onal I	Sessi onal II	CA 1	CA 2	Atten dance	Stud ent Teac her Inter actio n	

	Names	15 Mark s	15 Mar ks	4 mar ks	4 ma rks	4 Mark s	2Mar ks	75 Mar ks
1	Ambagade Vasisht	12	15	3	3	4	2	48
2	Ambekar Snehal	5	4	4	4	4	2	35
3	Asthana Tanya	12	15	4	3	4	2	68
4	Bagal Sakshi	12	15	4	3	4	2	60
5	Bamane Neha	14	14	2	2	3	1	54
6	Beloshe Alisha	13	14	4	3	4	2	51
7	Bhadane Gayatri	8	8	4	4	4	2	60
8	Bhagwat Ramali	11	11	4	4	4	2	57
9	Bhavsar Sameer	13	15	4	3	4	1	60
10	Bhivre Shruti	12	15	4	4	4	1	59
11	Bhondave Sonali	8	7	4	4	4	2	62
12	Borate Bhagyashri	13	15	2	2	4	1	45
13	Chanodiya Sakshi	14	15	2	2	3	1	57
14	Chaudhari Sakshi	11	11	4	4	4	2	59
15	Chavhan Abhinav	14	15	3	3	4	1	62
16	Choudhary Deepak	9	7	4	4	4	2	47
17	Choudhary Mahendra	12	15	4	3	4	2	44
18	Chourange Sarvesh	15	14	3	3	4	1	66
19	Dagade Vidhi	14	14	3	2	3	1	59
20	Deogaonkar Riya	13	14	4	4	4	1	68
21	Deokar Shweta	9	15	3	3	4	1	65
22	Devkate Pradnya	13	13	4	4	4	2	63
23	Dhawale Akshay	14	14	4	4	4	1	53
24	Dhumal Anand	15	11	4	4	4	2	51
25	Durge Chaitanya	13	14	4	4	4	1	60
26	Gaikwad Ketaki	12	7	4	4	4	2	38
27	Gaikwad Pranish	10	15	4	4	4	2	60
28	Gaikwad Snehal	13	13	4	4	4	2	53
29	Gavaskar Amey	14	13	4	4	4	1	74
30	Gavate Abhishek	15	15	4	4	4	2	56
31	Ghadge Isha	14	14	4	4	4	1	60
32	Gholap Darshani	12	11	4	4	4	2	53
33	Ghorpade Rupesh	14	15	3	3	4	1	56
34	Gir Rutuja	12	5	4	4	4	2	54
35	Giri Akash	7	13	3	3	4	0	54
36	Ingale Akanksha	7	6	4	4	4	2	63
37	Jadhav Saurabh	11	14	4	4	4	2	53

38	Jain Divyesh	11	10	4	4	4	2	56
39	Jain Jidnyasa	14	12	4	4	4	2	59
40	Jethava Fenil	14	11	4	4	4	2	60
41	Joshi Kashinath	13	15	3	3	4	2	53
42	Joshi Saloni	10	9	4	4	4	2	44
43	Kadu Hitisha	12	13	4	4	4	2	50
44	Kalel Purva	12	13	4	4	4	2	65
45	Kanade Sudarshan	15	14	2	2	3	1	68
46	Karande Pooja	9	13	4	4	4	2	38
47	Kate Satyajit	9	9	4	4	4	2	35
48	Kedare Rushikesh	8	9	4	4	4	2	62
49	Khadbade Vishal	11	15	4	4	4	2	42
50	Khalane Bhumika	11	12	4	4	4	2	71
51	Kharode Shubham	7	8	4	4	4	2	39
52	Khartode Anuja	13	14	2	3	4	1	74
53	Kothari Rushabh	10	14	4	4	4	2	45
54	Kothari Sahil	14	14	2	2	3	1	63
55	Kudtarkar Disha	12	12	4	4	3	2	54
56	Kulkarni Girija	15	10	4	4	4	2	66
57	Kulkarni Saurav	14	14	4	4	4	1	75
58	Kumar Luv	11	15	4	4	4	2	57
59	Kumari Jyoti	12	14	4	4	4	2	60
60	Kumari Yatee	14	13	4	4	4	1	50
61	Kupate Jyoti	8	5	4	4	4	2	39
62	Lad Vishwajeet	10	14	4	4	4	2	54
63	Lokhande Aditya	14	14	4	4	4	1	54
64	Londhe Nikhil	11	14	3	3	4	1	39
65	Londhe Rohan	12	14	4	4	4	2	59
66	Mali Shravan Kumar	14	10	4	4	4	2	56
67	Mandot Aayush	15	12	4	4	4	1	53
68	Meshram Nikhil	7	7	4	4	4	2	42
69	Metkar Priyanka	11	11	4	4	4	2	41
70	Mourya Asha	12	14	3	3	3	1	63
71	Mujawar Mohd Faizan	8	12	4	4	4	2	56
72	Mulley Vaibhavi	13	11	4	4	4	2	57
73	Nikam Gargi	11	13	4	4	4	2	62
74	Nikam Vaishnavi	13	9	4	4	4	2	53
75	Oswal Jewel	13	15	4	4	4	1	74
76	Pachpute Shreyash	14	15	4	3	4	1	66

77	Paghdar Uday	13	15	4	4	4	1	54
78	Paithankar Shaunak	11	14	4	4	4	2	50
79	Patel Krisha	14	10	3	3	4	1	62
80	Patil Harshwardhan	14	15	4	3	4	1	63
81	Patil Neha	11	14	4	4	4	2	41
82	Patil Prathamesh	14	15	4	3	4	1	51
83	Patil Sonali	14	15	2	2	3	1	51
84	Patravale Kunal	14	13	2	2	4	1	59
85	Pawar Amarnath	10	11	4	4	4	2	53
86	Pawar Nikita	9	6	4	4	4	2	32
87	Poharkar Manoj	15	14	2	2	3	1	42
88	Pore Amit Shankar	15	13	4	4	4	1	57
89	Pujari Sanket	11	13	4	4	4	2	53
90	Rajpurohit Nirmala	12	15	4	4	4	1	54
91	Rathod Namrata	9	10	4	4	4	2	54
92	Rokade Prajakta	14	11	3	3	4	1	50
93	Salunkhe Neha	8	10	4	4	4	2	35
94	Sancheti Vaibhav	8	5	4	4	4	2	41
95	Sefalika Siddhi	13	14	4	4	4	1	27
96	Shah Ayushi	11	14	4	4	4	2	72
97	Sharma Krishna	11	13	4	4	4	2	59
98	Shendge Pratiksha	9	10	4	4	4	2	38
99	Shinde Samruddhi	11	8	3	4	4	2	48
100	Shingade Vaibhavi	15	14	0	0	2	1	38
101	Shingavi Richa	13	13	4	4	4	2	56
102	Shisodiya Suraj	13	14	3	2	3	1	35
103	Shivale Kedar	14	14	4	4	4	1	57
104	Singh Sakshi	12	15	4	4	4	1	66
105	Soni Pranshul	13	15	2	2	4	1	33
106	Sontakke Mansi	10	15	4	4	4	2	62
107	Survase Sonali	14	11	3	3	3	1	48
108	Suryawanshi Atharva	14	15	3	3	4	1	44
109	Sutar Gayatri	6	8	4	4	4	2	48
110	Takawale Sejal	13	15	4	4	4	1	48
111	Tamboli Adnan	14	13	3	2	3	1	54
112	Taware Pratiksha	5	7	4	4	4	2	36
113	Thorat Pooja	11	14	4	4	4	2	63
114	Thorat Rajnandini	14	9	4	4	4	2	57
115	Thubal Omkar	11	13	4	4	4	2	41

116	Todkar Aishwarya	14	13	4	4	4	1	63
117	Tupe Vaishali	12	12	3	3	4	1	54
118	Tuwar Vaishnavi	10	12	3	3	4	2	57
119	Unde Ayush	11	15	4	4	4	2	60
120	V Madhavi	7	13	4	4	4	2	53
121	Vyas Tanmaya	10	13	4	4	4	2	68
122	Yadav Mrunal	14	15	3	2	3	1	53
123	susar Sudarshan	5	9	3	3.5	4	2	63
	ΣQ	11.73	12	4	4	4	2	54

Seat No.	Name	Sessio nal I	Sessi onal II	CA 1	CA 2	Atten dance	Stud ent Teac her Inter action	univ ersit y
			15 Mar ks	4 mar ks	4 ma rks	4 Mark s	2 Mar ks	75M arks
1	Ambagade Vasisht	80	100.00	75.00	75.00	100.00	100.00	64.00
2	Ambekar Snehal	33.333333	26.67	100.00	100.00	100.00	100.00	46.67
3	Asthana Tanya	80	100.00	100.00	75.00	100.00	100.00	90.67
4	Bagal Sakshi	80	100.00	100.00	75.00	100.00	100.00	80.00
5	Bamane Neha	93.333333	93.33	50.00	50.00	75.00	50.00	72.00
6	Beloshe Alisha	86.67	93.33	100.00	75.00	100.00	100.00	68.00
7	Bhadane Gayatri	53.33	53.33	100.00	100.00	100.00	100.00	80.00
8	Bhagwat Ramali	73.333333	73.33	100.00	100.00	100.00	100.00	76.00
9	Bhavsar Sameer	86.67	100.00	100.00	75.00	100.00	50.00	80.00
10	Bhivre Shruti	80.00	100.00	100.00	100.00	100.00	50.00	78.67
11	Bhondave Sonali	53.33	46.67	100.00	100.00	100.00	100.00	82.67

			7	00	00	0	0	
12	Borate Bhagyashri	86.67	100.00	50.00	50.00	100.00	50.00	60.00
13	Chanodiya Sakshi	93.33	100.00	50.00	50.00	75.00	50.00	76.00
14	Chaudhari Sakshi	73.33	73.33	100.00	100.00	100.00	100.00	78.67
15	Chavhan Abhinav	93.33	100.00	75.00	75.00	100.00	50.00	82.67
16	Choudhary Deepak	60.00	46.67	100.00	100.00	100.00	100.00	62.67
17	Choudhary Mahendra	80.00	100.00	100.00	75.00	100.00	100.00	58.67
18	Chourange Sarvesh	100.00	93.33	75.00	75.00	100.00	50.00	88.00
19	Dagade Vidhi Anil	93.33	93.33	75.00	50.00	75.00	50.00	78.67
20	Deogaonkar Riya	86.67	93.33	100.00	100.00	100.00	50.00	90.67
21	Deokar Shweta	60.00	100.00	75.00	75.00	100.00	50.00	86.67
22	Devkate Pradnya	86.67	86.67	100.00	100.00	100.00	100.00	84.00
23	Dhawale Akshay	86.67	93.33	100.00	100.00	100.00	50.00	70.67
24	Dhumal Anand	80.00	73.33	100.00	100.00	100.00	100.00	68.00
25	Durge Chaitanya	66.67	93.33	100.00	100.00	100.00	50.00	80.00
26	Gaikwad Ketaki	86.67	46.67	100.00	100.00	100.00	100.00	50.67
27	Gaikwad Pranish	93.33	100.00	100.00	100.00	100.00	100.00	80.00
28	Gaikwad Snehal	93.33	86.67	100.00	100.00	100.00	100.00	70.67
29	Gavaskar Amey	93.33	86.67	100.00	100.00	100.00	50.00	98.67
30	Gavate Abhishek	100.00	100.00	100.00	100.00	100.00	100.00	74.67
31	Ghadge Isha Sangram	93.33	93.33	100.00	100.00	100.00	50.00	80.00
32	Gholap Darshani	80.00	73.33	100.00	100.00	100.00	100.00	70.67
33	Ghorpade Rupesh	93.33	100.00	75.00	75.00	100.00	50.00	74.67

34	Gir Rutuja Madhav	80.00	33.3 3	100. 00	100. 00	100.0 0	100.0 0	72.00
35	Giri Akash	73.33	86.6 7	75.0 0	75.0 0	100.0 0	0.00	72.00
36	Ingale Akanksha	93.33	40.0 0	100. 00	100. 00	100.0 0	100.0 0	84.00
37	Jadhav Saurabh	93.33	93.3 3	100. 00	100. 00	100.0 0	100.0 0	70.67
38	Jain Divyesh	93.33	66.6 7	100. 00	100. 00	100.0 0	100.0 0	74.67
39	Jain Jidnyasa	93.33	80.0 0	100. 00	100. 00	100.0 0	100.0 0	78.67
40	Jethava Fenil	93.33	73.3 3	100. 00	100. 00	100.0 0	100.0 0	80.00
41	Joshi Kashinath	86.67	100. 00	75.0 0	75.0 0	100.0 0	100.0 0	70.67
42	Joshi Saloni	66.67	60.0 0	100. 00	100. 00	100.0 0	100.0 0	58.67
43	Kadu Hitisha Avinash	80.00	86.6 7	100. 00	100. 00	100.0 0	100.0 0	66.67
44	Kalel Purva Sudam	80.00	86.6 7	100. 00	100. 00	100.0 0	100.0 0	86.67
45	Kanade Sudarshan	100.0 0	93.3 3	50.0 0	50.0 0	75.00	50.00	90.67
46	Karande Pooja	60.00	86.6 7	100. 00	100. 00	100.0 0	100.0 0	50.67
47	Kate Satyajit	60.00	60.0 0	100. 00	100. 00	100.0 0	100.0 0	46.67
48	Kedare Rushikesh	53.33	60.0 0	100. 00	100. 00	100.0 0	100.0 0	82.67
49	Khadbade Vishal	73.33	100. 00	100. 00	100. 00	100.0 0	100.0 0	56.00
50	Khalane Bhumika	73.33	80.0 0	100. 00	100. 00	100.0 0	100.0 0	94.67
51	Kharode Shubham	46.67	53.3 3	100. 00	100. 00	100.0 0	100.0 0	52.00
52	Khartode Anuja	86.67	93.3 3	50.0 0	75.0 0	100.0 0	50.00	98.67
53	Kothari Rushabh	66.67	93.3 3	100. 00	100. 00	100.0 0	100.0 0	60.00
54	Kothari Sahil	93.33	93.3 3	50.0 0	50.0 0	75.00	50.00	84.00
55	Kudtarkar Disha	80.00	80.0 0	100. 00	100. 00	75.00	100.0 0	72.00
56	Kulkarni Girija	100.0 0	66.6 7	100. 00	100. 00	100.0 0	100.0 0	88.00

57	Kulkarni Saurav	93.33	93.3 3	100. 00	100. 00	100.0 0	50.00	100.0 0
58	Kumar Luv	73.33	100. 00	100. 00	100. 00	100.0 0	100.0 0	76.00
59	Kumari Jyoti	80.00	93.3 3	100. 00	100. 00	100.0 0	100.0 0	80.00
60	Kumari Yatee	93.33	86.6 7	100. 00	100. 00	100.0 0	50.00	66.67
61	Kupate Jyoti	53.33	33.3 3	100. 00	100. 00	100.0 0	100.0 0	52.00
62	Lad Vishwajeet	93.33	93.3 3	100. 00	100. 00	100.0 0	100.0 0	72.00
63	Lokhande Aditya	73.33	93.3 3	100. 00	100. 00	100.0 0	50.00	72.00
64	Londhe Nikhil	83.00	93.3 3	75.0 0	75.0 0	100.0 0	50.00	52.00
65	Londhe Rohan	80.00	93.3 3	100. 00	100. 00	100.0 0	100.0 0	78.67
66	Mali Shravan	93.33	66.6 7	100. 00	100. 00	100.0 0	100.0 0	74.67
67	Mandot Aayush	100.0 0	80.0 0	100. 00	100. 00	100.0 0	50.00	70.67
68	Meshram Nikhil	46.67	46.6 7	100. 00	100. 00	100.0 0	100.0 0	56.00
69	Metkar Priyanka	73.33	73.3 3	100. 00	100. 00	100.0 0	100.0 0	54.67
70	Mourya Asha	53.33	93.3 3	75.0 0	75.0 0	75.00	50.00	84.00
71	Mujawar Mohd Faizan	86.67	80.0 0	100. 00	100. 00	100.0 0	100.0 0	74.67
72	Mulley Vaibhavi	73.33	73.3 3	100. 00	100. 00	100.0 0	100.0 0	76.00
73	Nikam Gargi	93.33	86.6 7	100. 00	100. 00	100.0 0	100.0 0	82.67
74	Nikam Vaishnavi	86.67	60.0 0	100. 00	100. 00	100.0 0	100.0 0	70.67
75	Oswal Jewel	86.67	100. 00	100. 00	100. 00	100.0 0	50.00	98.67
76	Pachpute Shreyash	93.33	100. 00	100. 00	75.0 0	100.0 0	50.00	88.00
77	Paghdar Uday	86.67	100. 00	100. 00	100. 00	100.0 0	50.00	72.00
78	Paithankar Shaunak	73.33	93.3 3	100. 00	100. 00	100.0 0	100.0 0	66.67
79	Patel Krisha	93.33	66.6 7	75.0 0	75.0 0	100.0 0	50.00	82.67

80	Patil Harshwardhan	93.33	100.00	100.00	75.00	100.00	50.00	84.00
81	Patil Neha Bharat	73.33	93.33	100.00	100.00	100.00	100.00	54.67
82	Patil Prathamesh	93.33	100.00	100.00	75.00	100.00	50.00	68.00
83	Patil Sonali	93.33	100.00	50.00	50.00	75.00	50.00	68.00
84	Patravale Kunal	93.33	86.67	50.00	50.00	100.00	50.00	78.67
85	Pawar Amarnath	66.67	73.33	100.00	100.00	100.00	100.00	70.67
86	Pawar Nikita	60.00	40.00	100.00	100.00	100.00	100.00	42.67
87	Poharkar Manoj	100.00	93.33	50.00	50.00	75.00	50.00	56.00
88	Pore Amit Shankar	100.00	86.67	100.00	100.00	100.00	50.00	76.00
89	Pujari Sanket	73.33	86.67	100.00	100.00	100.00	100.00	70.67
90	Rajpurohit Nirmala	80.00	100.00	100.00	100.00	100.00	50.00	72.00
91	Rathod Namrata	60.00	66.67	100.00	100.00	100.00	100.00	72.00
92	Rokade Prajakta	93.33	73.33	75.00	75.00	100.00	50.00	66.67
93	Salunkhe Neha	53.33	66.67	100.00	100.00	100.00	100.00	46.67
94	Sancheti Vaibhav	53.33	33.33	100.00	100.00	100.00	100.00	54.67
95	Sefalika Siddhi	86.67	93.33	100.00	100.00	100.00	50.00	36.00
96	Shah Ayushi Biren	73.33	93.33	100.00	100.00	100.00	100.00	96.00
97	Sharma Krishna	73.33	86.67	100.00	100.00	100.00	100.00	78.67
98	Shendge Pratiksha	60.00	66.67	100.00	100.00	100.00	100.00	50.67
99	Shinde Samruddhi	73.33	53.33	75.00	100.00	100.00	100.00	64.00
100	Shingade Vaibhavi	100.00	93.33	0.00	0.00	50.00	50.00	50.67
101	Shingavi Richa	86.67	86.67	100.00	100.00	100.00	100.00	74.67
102	Shisodiya Suraj	86.67	93.33	75.00	50.00	75.00	50.00	46.67

103	Shivale Kedar	93.33	93.3 3	100. 00	100. 00	100.0 0	50.00	76.00
104	Singh Sakshi	80.00	100. 00	100. 00	100. 00	100.0 0	50.00	88.00
105	Soni Pranshul	86.67	100. 00	50.0 0	50.0 0	100.0 0	50.00	44.00
106	Sontakke Mansi	66.67	100. 00	100. 00	100. 00	100.0 0	100.0 0	82.67
107	Survase Sonali	93.33	73.3 3	75.0 0	75.0 0	75.00	50.00	64.00
108	Suryawanshi Atharva	93.33	100. 00	75.0 0	75.0 0	100.0 0	50.00	58.67
109	Sutar Gayatri	40.00	53.3 3	100. 00	100. 00	100.0 0	100.0 0	64.00
110	Takawale Sejal	86.67	100. 00	100. 00	100. 00	100.0 0	50.00	64.00
111	Tamboli Adnan	93.33	86.6 7	75.0 0	50.0 0	75.00	50.00	72.00
112	Taware Pratiksha	33.33	46.6 7	100. 00	100. 00	100.0 0	100.0 0	48.00
113	Thorat Pooja Atul	73.33	93.3 3	100. 00	100. 00	100.0 0	100.0 0	84.00
114	Thorat Rajnandini	93.33	60.0 0	100. 00	100. 00	100.0 0	100.0 0	76.00
115	Thubal Omkar	73.33	86.6 7	100. 00	100. 00	100.0 0	100.0 0	54.67
116	Todkar Aishwarya	93.33	86.6 7	100. 00	100. 00	100.0 0	50.00	84.00
117	Tupe Vaishali	80.00	80.0 0	75.0 0	75.0 0	100.0 0	50.00	72.00
118	Tuwar Vaishnavi	66.67	80.0 0	75.0 0	75.0 0	100.0 0	100.0 0	76.00
119	Unde Ayush	73.33	100. 00	100. 00	100. 00	100.0 0	100.0 0	80.00
120	V Madhavi	46.67	86.6 7	100. 00	100. 00	100.0 0	100.0 0	70.67
121	Vyas Tanmaya	66.67	86.6 7	100. 00	100. 00	100.0 0	100.0 0	90.67
122	Yadav Mrunal	93.33	100. 00	75.0 0	50.0 0	75.00	50.00	70.67
123	susar Sudarshan	33.33	60.0 0	75.0 0	87.5 0	100.0 0	100.0 0	84.00
	ΣQ	77.93	82.3 7	90.4 6	89.3 1	96.95	79.27	72.02

% of students above threshold value	81.60	81.60	89.60	87.20	97.60	58.40	78.40
Attainment level (0,1 ,2 or 3)	3.00	3	3	3	3.00	0.00	2.00
Avg	2.5						2.00
20% of Internal, 80% University	0.5						1.6
Final Attainment 20% of Internal+80% University	2.1						

CO attainment of PP II is 2.9

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