

2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.

METHODOLOGY ADOPTED

The process of CO and PO attainment is decentralized and done at department level. The Program Assessment Committee (PAC) evaluates CO, PO and PSO attainment. The PAC report is sent to the Department Advisory Board (DAB) and remedies for poor CO, PO and PSO attainment are suggested.

PO's and PSO's are to be attained through Core Courses and other activities in which all students participate. Each course COs are mapped with POs and PSOs. The correlation is established between CO's and PO's on the scale of 1, 2 and 3; 3 being substantial, 2 being moderate and 1 being low. A mapping matrix is prepared in this regard for every course of the programme.

Calculation of PO attainment is based on Direct Attributes like

- CO direct attainment
- Final Year Project

Indirect attributes like

- Placement,
- Higher studies
- Student exit survey
- Professional societies
- Co-curricular activities
- LBS
- Survey of courses and other activities.



PO attainment is done for a batch. Course Performance History, course exit survey, LBS, Professional societies and co-curricular activities are considered for the last 3 years of that batch. Final year project, Placement, higher studies and student survey are considered for the final year of that batch.

Course Outcome Attainment: Calculation of CO attainment is based on Direct attributes like End semester Examination results, internal assessment tests in the ratio of 60:40 respectively. Indirect attributes like Presentations, Quiz, SEL feedbacks and other activities are used for calculation of COs. For calculations current year data is considered. Three attainment levels as 1, 2 and 3 are defined.

Our Institute has been accredited by the National Board of Accreditation. We have gone through 3 cycles of accreditation. Institute is recently accredited from the year 2016 to June 2022. Hence COs, POs and PSOs are always there. The attainment and evaluation process of CO, PO and PSO is defined for all the departments and is followed for attainment calculation and evaluation.



Index

Sr. No.	Title	Page No
1.	Bachelor of Computer Engineering: CO-PO-PSO mapping and attainment.	22
2.	Bachelor of Information Technology Engineering: CO-PO-PSO mapping and attainment.	75
3.	Masters of Computer Applications: CO-PO-PSO mapping and attainment.	93



Vivekanand Education Society's

Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognised by Govt. of Maharashtra)

Dr. (Mrs.) J. M. Nair

M. Tech., Ph.D. (IIT-B) Principal

Ref. No.: VESIT/ JMN 1325 2023-24

Date: 26/10/2023

TO WHOM SO IT MAY CONCERN

I, Dr. (Mrs.) Jayalekshmi M Nair, Principal (HOI), Vivekanand Education Society's Institute of Technology, do hereby state that the documents uploaded on NAAC portal are duly signed by Principal (HOI).

The additional documents uploaded on Institute's website (https://vesit.ves.ac.in/) are also authentic and does not need any extra validation.

Dr. (Mrs) Jayalekshmi M Nair

Dayaliks

Principal

Vivekanand Education Society's Institute of Technology Hashu Advani Memorial Complex,

Collector's Colony

Chembur, Mumbai, Maharashtra 400074





1. Bachelor of Computer Engineering: CO-PO-PSO mapping and attainment.

Course Outcomes Attainment for AY 2022-23

Vivekanand Education Society's Institute Of Technology (Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra													
Department of Computer Engineering													
Course/Lab Outcome Attainment Summary 2022-23 even sem													
Second Year													
Subject Faculty name D7A Faculty name D7B Faculty name D7C													
AM-IV	Dattatraya S. Game	2.85	Dattatraya S. Game	2.13	Dattatraya S. Game	2.81							
AOA	Mrs.Sujata khandaskar	2.87	Mrs. Sunita Suralkar	2.59	Mrs. Vidya Zope	2.82							
DBMS	Mrs. Yugchhaya Galphat	2.87	Mrs. Pallavi Saindane	2.71	Mrs. Manisha Mathur	2.79							
os	Richard Joseph	2.76	Abha Tewari	2.89	Mrs. Mannat Doultani	2.81							
Python lab	Nusrat Ansari	2.80	Mannat Doultani	3.00	Sanjay Mirchandani	2.68							
MP	Pallavi G	0.27	Mrs. Priyanka shah	1.23	Nusrat Ansari	0.46							
AOA Lab	Sujata Khandasker	3.00	Sunita Suralkar	2.7	Sujata Khandasker	2.85							
DBMS Lab	Mrs. Yugchhaya Galphat	3.00	Mrs. Pallavi Saindane	3.00	Mrs. Manisha Mathur	2.70							
OS Lab	Richard Joseph	1.72	Abha Tewari	3.00	Mrs. Mannat Doultani	2.95							
MP Lab	Pallavi G	2.53	Mrs priyanka shah	2.85	Nusrat Ansari	2.63							
				_									



Third Year						
Subject	Faculty name	D12A	Faculty name	D12B	Faculty name	D12C
SPCC	Pallavi Saindane	2.92	Rupali Soni	2.5	Veena Trivedi	2.61
CSS	Dr.Rohini Temkar	2.47	Veena Trivedi	2.71	Sunita Suralkar	2.62
MC	Mrs. Priyanka Shah	2.84	Prashant Kanade	2.58	Geocey Shejy	2.76
AI	Dr.Sharmila S	2.81	Priya R.L	2.75	Lifna CS	2.92
IOT	Indu Dokare	2.84	Indu Dokare	2.85	Indu Dokare	2.85
QA	Sanjay Mirchandani	2.48	Sanjay Mirchandani	2.57	Geocey Shejy	2.34
SPCC Lab	Pallavi Saindane	2.9	Rupali Soni	2.9	Veena Trivedi	2.7
CSS Lab	Pallavi Gangurde	2.6	Manisha Mathur	2.9	Sunita Suralkar	2.7
MC Lab	Mrs. Priyanka Shah , Mrs Priti Joshi	2.5	Prashant Kanade	2.7	Geocey Shejy	3
AI Lab	Dr.Sharmila S	3	Priya R.L	3	Lifna CS	3
CC Lab	Richard Joseph	2.5	Indu Dokare	3	Yugchhaya Galphat	2.9
Mini project Lab		3		3		3

Final Year													
Subject	Faculty name	D17A	Faculty name	D17B	Faculty name	D17C							
DC	Dr. Nupur giri	3	Dr Greaha Bhatia	2.77	Sunita Sahu	2.57							
DL	Vidya Zope	2.95	Vidya Zope	2.33	Vidya Zope	3							
ADS	Dr. Sujata Khedkar	2.84	Dr. Sujata Khedkar/Abha T	2.84	Abha Tewari	2.84							
SMA	Dr. Dashrath Mane	2.89	Dr. Sujata Khedkar	2.95	Dr. Rohini Temkar	3							
PM	Dr. Prashant Kanade	2.7	Dr. Prashant Kanade	1.42	Gauri Saboo	2.7							
FM	Abhishek Chaudhari	2.55	Abhishek Chaudhari	2.7	Abhishek Chaudhari	2.7							
ERDM	A Nagananda	0.7	-		-								
EM	Asawari D	2.7	-		Asawari D	2.62							
DC Lab	Rupali Hande	3	Rupali Hande	3	Sunita Sahu	3							
DL Lab	Vidya Zope	2.97	Vidya Zope	3	Vidya Zope	3							
ADS Lab	Dr. Sujata Khedkar	3	Rupali Hande	3	Abha Tewari	3							
SMA Lab	Dr. Dashrath Mane	3	Dr. Sujata Khedkar	3	Dr. Rohini Temkar	3							
PRJ II		3		3		3							



Computer Department PO Attainment for Batch 2022-23

Departmental PO Attainment for Batch 2019-2023																
Academic Year	Year	Semester	Attainment Goal	Weightage	PO1 (a)	PO2 (b)	PO3 (c)	PO4 (d)	PO5 (e)	PO6 (f)	PO7 (g)	PO8 (h)	PO9 (i)	PO10 (j)	PO11(k)	PO12 (l)
2020-21	S.E.	PO Attainment through CO			3.00	3.00	2.99	2.99	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.99
2021-22	T.E.	PO Attainment through CO	50.00%	80.00%	2.79	2.79	2.80	2.79	2.78	2.81	2.81	2.82	2.84	2.81	2.85	2.80
2022-23	verage PO Attainment through			00.0070	2.73	2.75	2.77	2.77	2.76	2.72	2.71	2.73	2.75	2.70	2.76	2.76
co	Average PO Attainment through CO of S.E., T.E., B.E. (2019-2023)(Direct assessment)				2.84	2.84	2.86	2.85	2.85	2.84	2.84	2.85	2.86	2.84	2.87	2.85
		through Student tch (2020-2023)	75.00%		3	3	3	3	3	3	3	3	3	3	3	3
PO Attai	nment Exit I	through Student Forms	60.00%	20.00%	3	3	3	3	3	3	3	3	3	3	3	3
PO A	Attainm Place	ent through ments	90.00%	20.00%	3	3	3	3	3	3	3	3	3	3	3	3
PO Attai	inment Educ	through Higher ation	15.00%		3	3		3					3			3
Ind	lirect A	ssessment			3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
	Departmental PO Attainment for Batch 2019-2023						2.88	2.88	2.88	2.87	2.87	2.88	2.89	2.87	2.90	2.88
			Departmen	ntal PO Atta	inment	for Batcl	h 2019-2	023 At	tainmei	ıt Level	- 2.88					



Batch 2019-23: BE (2022-23) CO Attainment

			H	BE C	\mathbf{CO} A	TT	AIN	ME	NT					
Year	Courses]	Progra	ım Ou	tcome	,				
		CIID	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11(PO12
		SUB	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(i)	k)	(I)
BEODD	C401	ML	2.66	2.66	2.66	2.66	2.66	2.66	1	2.66	2.66	-	2.66	2.66
	C402	BDA	2.89	2.89	2.89	2.89	-	2.89	-	2.89	-	2.89	2.89	-
	C403	NLP	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83
	C404	BC	2.89	2.89	2.89	2.89	2.89	2.89	2.89	2.89	2.89	2.89	2.89	2.89
	C405	MIS	2.79	2.79	2.79	2.79	2.79	-	1	2.79	2.79	2.79	2.79	2.79
	C406	CSL	2.9	2.92	3	2.88	2.88	2.88	ı	2.88	-	2.87	2.87	2.9
	C407	ML LAB	2.93	2.93	2.93	2.93	2.93	2.93	ı	2.93	2.93	-	2.93	2.93
	C408	BDA Lab	ı	1	2.95	2.95	2.95	-	ı	-	2.95	-	2.95	2.95
	C409	NLP LAB	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	C410	BC LAB	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13
	C411	Project	3	3	3	3	3	3	3	3	3	3	3	3



		Cana 1907												
BE Even	ILO8022	FM	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	ILO80 -	EDM	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	CSC8(-	DC	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73
	CSDC8011	DL	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97
	CSDC -	ADS	-	2.84	2.84	2.84	2.84	-	2.84	-	2.84	ı	2.84	2.84
(CSDC8023	SMA	-	2.95	2.95	2.95	2.95	-	2.95	-	2.95	ı	2.95	2.95
	CSDL8011	DLL	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99
	CSDL8013	ADS L	-	-	3	3	3	-	-	-	3	-	3	3
(CSDL8023	SMA L	3	3	3	3	3	3	3	3	3	-	3	3
	CSL801	DC L	3	3	3	3	3	3	3	3	3	3	3	3
	Ma	ajor Project	3	3	3	3	3	3	3	3	3	3	3	3
	ILO8021	PM	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
		EM						2.62	2.62	2.62	2.62	2.62	2.62	2.62
			2.73	2.75	2.77	2.77	2.76	2.72	2.71	2.73	2.75	2.70	2.76	2.76



Batch 2019-23: TE (2021-22) CO Attainment

	TE CO ATTAINMENT													
Year	Courses					Р	rograi	m Out	come)				
		SUB	P01	PO2	PO3		PO5		PO7			PO10		PO12
			(a)	(b)	(c)	(d)	(e)	(f)	(a)	(h)	(i)	(i)	_(k)	(1)
TE	C301	TCS	2.78	2.78	-	-	2.78	•	-	-	-	-	-	2.78
	C302	SE	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	C303	CN	3	3	3	3	3	3	-	3	3	3	3	3
	C304	DWDM	2.8	2.8	2.8	2.8	2.8	-	-	2.8	2.8	2.8	-	2.8
	C305	PGM	3	3	3	3	3	-	3	3	3	3	3	3
	C306	IP	2.89	2.89	2.89	2.89	-	-	-	-	-	-	-	2.89
	C307	SE Lab	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	C308	CN Lab	2.91	2.93	2.93	2.91	2.93	-	-	2.93	2.97	2.93	2.91	2.93
	C309	DWDM La	2.88	2.88	2.88	2.88	2.88	-	-	2.88	2.88	2.88		2.88
	C310	BCE	-		-	-	•	3	3	3	3	3	3	3
	C311	Mini Proje	3	3	3	3	3	3	3	3	3	3	3	3



			Cara 1807											
TE	C312	SPCC	2.2	2.18	2.18	2.18	2.18	•	-	•	•	-	•	2.2
	C313	CSS	2.77	2.77	2.77	-	2.77	2.77	-	2.77	•	2.77	-	2.77
	C314	MC	2.78	2.78	•	2.78	•	2.78	2.78	2.78	•	2.78	•	2.78
	C315	Al	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
	C316	IOT	3	3	3	3	3	3	3	•	3	•	3	3
	C317	QA	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06	2.06
	C318	SPCC Lab	2.74	2.74	2.76	2.76	2.67	•	-	•	•	2.74	•	2.74
	C319	CSS Lab	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73
	C320	MC Lab	2.76	2.76	•	2.8	2.76	2.76	2.6	2.76		2.76	•	2.76
	C321	Al Lab	2.8	2.8	2.8	2.8	2.8	2.8	-	2.8	2.8	•	2.8	2.8
	C322	CC Lab	2.60	2.60		2.60	2.60	2.60	-	2.60	2.60	2.60	•	2.60
	C323	Mini Proje	3	3	3	3	3	3	3	3	3	3	3	3
			2.79	2.79	2.80	2.79	2.78	2.81	2.81	2.82	2.84	2.81	2.85	2.80



Batch 2019-23: SE (2020-21) CO Attainment

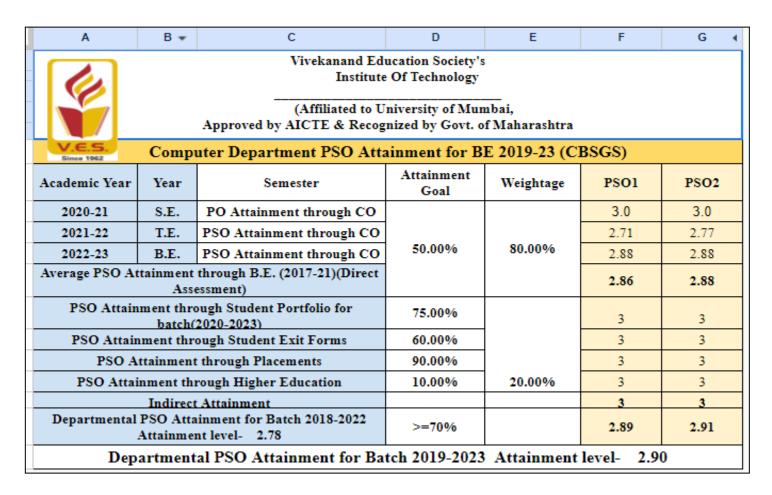
	SE CO ATTAINMENT														
Year	Courses					Pro	gram	Out	come						
			PO	PO	PO3	PO	PO	PO	PO	PO	PO	PO1	PO1	PO1	
		SUB	1(a)	2(b)	(c)	4(d)	5(e)	6(f)	7(g)	8(h)	9(i)	0(j)	1(k)	2(l)	
SE odd	C201	AMIII	3	3	-	-	-	-	-	-	-	-	-	3.00	
	C202	DSGT	3	3	-	1	-	-	-	-	-	-	-	3.00	
	C203	DS	08 3 3 3 3 3 -										-	3.00	
	C204	DLCA	3	3	-	3	3	-	-	-	3	-	-	-	
	C205	CG	3	3	3	3	3	-	-	-	-	-	-	3.00	
	C206	DS Lab	3	3	3	3	3	-	-	-	3	3	-	-	
	C207	DLCA Lab	3	3	3		3	-	-	-	3	-	-	-	
	C208	CG Lab	3	3	3	3	3	3	-	-	3	3	3	3.00	
	C209	OOPJ Lab	3	3	3	3			-	-	3	3	3	3.00	
	C210	Mini Project	3	3	3	3	3	3	3	3	3	3	3	3.00	



SE EVEN	CSC401	AMIV	3	3	-	3	-	-	-	-	-	-	-	3.00
	CSC402	AOA	2.91	2.91	2.91	2.91	-	-	-	-	ı	-	1	2.91
	CSC403	DBMS	3	3	3	3	3	3		3	3	3	3	3.00
	CSC404	os	3	3	-	-	-	-	-	-	-	-	-	3.00
	CSC405	MP	3	3	3	3	3	-	-	-	3	3	-	
	CSL401	AOA Lab	3	3	3	3		-	-	-	-	3	-	3.00
	CSL402	DBMS Lab	3	3	3	3	3	-	-	3	3	3	3	3.00
	CSL403	OS Lab	3	3	3	3	3	-	-	3	3	3		3.00
	CSL404	MP Lab	3	3	3	3	3	3	3	3	3	3	3	3.00
	CSL405	Skill Based(pyth on) Lab	3	3	3	3	_	_	-	-	3	1	3	3.00
	CSM401	Mini Project Lab	3	3	3	3	3	3	3	3	3	3	3	3.00
			3.00	3.00	2.99	2.99	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.99



PSO Attainment Batch 2019-2023:





2. Bachelor of Information Technology Engineering: CO-PO-PSO mapping and attainment. CO Attainment:

Average CO- PO-PSO Mapping for AY 22-23:

	Average Mapping														
Sem	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO 9	PO1 0	PO11	PO12	PSO1	PSO2	
III Avg	2.5	2.5	2.7	2.6	3	2	2.2	2.3	2.2	2	2.1	2.7	2.8	2.6	
IV Avg	2.5	2.6	2.4	2.3	2.7	2.8	2.3	1.0	2.3	2.0	2.4	2.4	2.9	2.3	
V Avg	1.6	1.9	2.6	2.8	2.8	2.9	2.8	2.9	2.9	3.0	3.0	2.9	2.5	2.9	
VI Avg	2.6	2.5	2.9	2.9	2.8	2.8	2.4	2.3	2.6	3.0	3.0	2.8	3.0	2.9	
VII Avg	2.6	2.8	2.7	2.6	2.7	2.5	2.3	2.5	2.2	2.3	2.2	2.5	2.7	2.6	
VIII Avg	2.4	2.8	2.5	2.5	2.9	2.8	2.8	2.9	2.8	2.4	2.4	2.5	2.8	2.8	
Averag e	2.4	2.5	2.5	2.4	2.6	2.7	2.2	2.2	2.5	2.3	2.6	2.5	2.8	2.7	

CO Attainment for 2022-23 Batch:



Approved	by AICTE	8	Affiliated	to	University	/ of	Mumbai

	CO1	3.97	4	4	3.73	4	3.8	3.9	
	CO2	4	4	4	4	3	3.8	3.9	
PC	CO3	4	4	4	3.97	3	3.8	3.9	3.4
rc	CO4	4	4	4	4	4	4	4	3.4
	CO5	3.94	4	4	4	3	3.8	3.9	
	CO6		4	0.8		4	0.8	0.8	
	CO1	4	4	4	3.87	4	3.9	4	
	CO2	3.7	3.5	3.7	3.78	3.5	3.7	3.7	
LD	CO3	3.71	4	3.8	3.77	4	3.8	3.8	27
LD	CO4	3.88	4	3.9	3.78	4	3.8	3.9	3.7
	CO5	2.8	3	2.8	2.8	3	2.8	2.8	
	CO6	4	3.5	3.9	3.93	3	3.7	3.8	

	CO1	4	4	4	3.8	4	3.8	3.9	
	CO2	4	4	4	3.9	4	3.9	4	
DDMC	CO3	4	4	3.9	3.9	4	3.9	3.9	3.0
DBMS	CO4	4	4	3.9	3.9	4	3.9	3.9	3.9
	CO5	4	4	4	3.8	4	3.8	3.9	
	CO6	4	4	4	4	4	4	4	
	LO1	4	4	4	4	4	4	4	
	LO2	4	4	4	3.97	3.5	3.9	4	
CPPL	LO3	4	4	4	4	4	4	4] , [
LAB	LO4	4	4	4	4	4	4	4	4
	LO5	4	4	4	2.8	2.5	2.7	3.4	
	LO6	4	4	4	2.8	3	2.8	3.4] [
	LO1	4	4	4	4	4	4	4	
D.C.	LO2	3.6	3	3.5	3.8	3	3.6	3.6	
DS	LO3	3.9	4	3.9	3.9	4	3.9	3.9	3.8
LAB	LO4	3.8	4	3.8	3.9	3	3.7	3.8	
	LO5	3.9	4		3.9	4	3.9	3.9	



				Since 1952					
	LO1	4	4	4	4	4	4	4	
	LO2	4	4	4	4	4	4	4	
TDT	LO3	4	4	4	4	4	4	4	
JPL	LO4	4	4	4	4	4	4	4	4
	LO5	4	4	4	4	4	4	4	
	LO6	4	4	4	4	4	4	4	
	LO1	4	4	4	4	4	4	4	
	LO2	4	4	4	4	4	4	4	
	LO3	4	4	4	4	4	4	4	
	LO4	4	4	4	4	4	4	4	
	LO5	4	4	4	4	4	4	4	4
	LO6	4	4	4	4	4	4	4	
	LO7	4	4	4	4	4	4	4	
	L08	4	4	4	4	4	4	4	
	L09	4	4	4	4	4	4	4	

	LO1	4	4	4	4	4	4	4	
	LO2	4	4	4	4	4	4	4	
COL	LO3	4	4	4	4	4	4	4	3.0
SQL	LO4	4	4	4	4	4	4	4	3.9
	LO5	4	4	4	2.8	4	3	3.5	
	LO6	4	4	4	4	4	4	4	
Average		3.9	4	3.9	3.8	3.8	3.8	3.8	3.8



			Final C	O attainment	t (AY2020-	-21) SEM-	IV				
			D10A			D10B					
Subject	COs	Direct CO Attainment	Indirect CO Attainment	Final CO Attainment =0.8*Direct+0.2 *Indirect	Direct CO Attainment	Indirect CO Attainment	Final CO Attainment =0.8*Direct+0 .2*Indirect	Average	Average CO attainment for subject		
	CO1	3.8	4	3.8	4	4	4	3.9			
	CO2	3.9	4	3.9	3.9	4	3.9	3.9	3.6		
AM-IV	CO3	3.7	4	3.8	3.7	4	3.8	3.8			
AMI-IV	CO4	3.9	4	3.9	3.9	4	3.9	3.9			
	CO5	2.8	4	3	2.8	4	3	3			
	CO6	2.8	4	3	2.8	4	3	3			
	CO1	4	4	4	3.7	4	3.8	3.9			
4.00	CO2	3.9	4	3.9	3.9	4	3.9	3.9			
AT	CO3	3.6	4	3.7	3.7	4	3.8	3.8	3.9		
	CO4	3.9	4	3.9	3.9	4	3.9	3.9			

	CO1	3.8	4	3.8	4	4	4	3.9		
	CO2	3.9	4	3.9	3.9	4	3.9	3.9		
A N.E. TX7	CO3	3.7	4	3.8	3.7	4	3.8	3.8	2.6	
AM-IV	CO4	3.9	4	3.9	3.9	4	3.9	3.9	3.6	
	CO5	2.8	4	3	2.8	4	3	3		
	CO6	2.8	4	3	2.8	4	3	3		
	CO1	4	4	4	3.7	4	3.8	3.9		
AT	CO2	3.9	4	3.9	3.9	4	3.9	3.9	3.9	
AT	CO3	3.6	4	3.7	3.7	4	3.8	3.8		
	CO4	3.9	4	3.9	3.9	4	3.9	3.9		
	CO1	4	4	4	4	4	4	4		
	CO2	4	4	4	4	4	4	4		
os	CO3	4	4	4	4	4	4	4	4	
US	CO4	4	4	4	4	4	4	4	4	
	CO5	4	4	4	4	4	4	4		
	CO6	4	4	4	4	4	4	4		



Approved by AICTE & Affiliated to University of Mu	mhai	

			_	_			_	_		
	CO1	4	4	4	4	4	4	4		
	CO2	4	4	4	4	4	4	4		
COA	CO3	4	4	4	4	3	3.8	3.9	4	
COA	CO4	4	4	4	4	3	3.8	3.9		
	CO5	4	4	4	4	4	4	4		
	CO6	4	4	4	2.8	4	3	3.5		
	CO1	3.86	4	3.9	3.86	4	3.9	3.9		
	CO2	1.2	4	1.8	1.2	4	1.8	1.8		
CN	CO3	4	4	4	4	4	4	4	3.2	
CN	CO4	4	4	4	4	4	4	4		
	CO5	3.44	4	3.6	3.44	4	3.6	3.6		
	CO6	1.2	4	1.8	1.2	4	1.8	1.8		
	CO1	3.55	4	3.6	3.55	4	3.6	3.6		
	CO2	4	4	4	4	4	4	4		
CN-LA	CO3	3.55	4	3.6	3.55	4	3.6	3.6	3.6	
В	CO4	2.8	4	3	2.8	4	3	3	3.6	
	CO5	4	4	4	4	4	4	4		
	CO6	2.8	4	3	2.8	4	3	3		

	LO1	3.8	4	3.8	4	4	4	3.9	
	LO2	3.9	4	3.9	4	4	4	4	
PYTHO	LO3	3.9	4	3.9	4	4	4	4	2.7
N LAB	LO4	3.8	4	3.8	3.8	4	3.8	3.8	3.7
	LO5	3.7	4	3.8	3.7	4	3.8	3.8	
	LO6	3.9	4	3.9	3.9	4	3.9	3.9	
	LO1	4	4	4	4	4	4	4	
	LO2	4	3	3.8	4	3	3.8	3.8	
UNIX	LO3	4	4	4	4	4	4	4	
LAB	LO4	4	4	4	4	4	4	4	4
	LO5	4	4	4	4	4	4	4	
	LO6	4	4	4	4	4	4	4	
	LO1	4	4	4	4	4	4	4	
	LO2	4	4	4	4	4	4	4	
MP	LO3	4	4	4	4	4	4	4	
LAB	LO4	4	4	4	4	4	4	4	4
	LO5	4	4	4	4	4	4	4	
	LO6	4	4	4	4	4	4	4	
Average	·	3.7	4	3.8	3.7	3.9	3.8	3.8	3.8



			Fina	l CO attainm	nent (AY20	21-22) SEN	I-V		
Subject	COs	Direct CO Attainment	Indirect CO Attainment	Final CO Attainment =0.8*Direct+0. 2*Indirect	Direct CO Attainment	Indirect CO Attainment	Final CO Attainment =0.8*Direct+0.2* Indirect	Average	Average CO attainment for subject
	CO1	4	4	4	4	4	4	4	
	CO2	4	4	4	4	4	4	4	
SE	CO3	4	4	4	4	4	4	4	4
	CO4	4	4	4	4	4	4	4	
	CO5	4	4	4	4	4	4	4	
	CO1	4	4	4	4	4	4	4	
	CO2	4	4	4	3.6	4	3.7	3.9	
TD	CO3	4	4	4	3.9	4	3.9	4	3.5
IP	CO4	4	4	4	3.6	4	3.7	3.9	
	CO5	1	4	1.6	3.8	4	3.8	2.7	

	CO1	3.91	3.91	3.9	3.91	3.91	3.9	3.9	
	$\overline{}$								
	CO2	3.63	3.63	3.6	3.63	3.63	3.6	3.6	
ADMT	CO3	4	4	4	4	4	4	4	3.6
ADMI	CO4	4	4	4	4	4	4	4	
	CO5	4	4	4	4	4	4	4	
	CO6	4	4	4	4	4	4	4	
	CO1	3.6	4	3.7	4	4	4	3.9	
	CO2	3.8	4	3.8	4	4	4	3.9	
CNS	CO3	4	4	4	4	4	4	4	3.6
CNS	CO4	3.4	4	3.5	4	4	4	3.8	
	CO5	2.8	3	2.8	2.8	3	2.8	2.8	
	CO6	3.9	4	3.9	4	4	4	4	
	CO1	4	4	4	4	4	4	4	
	CO2	4	4	4	3.9	4	3.9	4	
ADSA	CO3	4	4	4	3.9	4	3.9	4	4
A	CO4	4	4	4	4	4	4	4	4
	CO5	4	4	4	4	4	4	4	
	CO6	4	4	4	4	4	4	4	



1	Approved by AICTE & Affiliated to University of Mumbai

ECO	CO1	3.7	4	3.8	3.8	4	3.8	3.8	
1	CO2	4	4	4	4	4	4	4	
M &EBU	CO3	3.7	4	3.8	3.6	4	3.7	3.8	2.7
SINES	CO4	2.8	4	3	4	4	4	3.5	3.7
SINES	CO5	3.8	4	3.8	3.8	4	3.8	3.8	
.5	CO6	3.9	4	3.9	3.7	4	3.8	3.9	
	CO1	4	4	4	4	4	4	4	
	CO2	4	4	4	4	4	4	4	
PCE	CO3	4	4	4	4	4	4	4	4
PCE	CO4	4	4	4	4	4	4	4	4
	CO5	4	4	4	4	4	4	4	
	CO6	4	4	4	4	4	4	4	
	LO1	3	1	2.6	4	4	4	3.3	
	LO2	3	4	3.2	4	4	4	3.6	
IP	LO3	3	4	3.2	4	4	4	3.6	3.1
LAB	LO4	3	4	3.2	4	4	4	3.6	3.1
	LO5	3	4	3.2	4	4	4	3.6	
	LO6	3	4	3.2	4	4	4	3.6	

	LO1	3.8	4	3.8	4	4	4	3.9	
SECTI	LO2	3.9	4	3.9	4	4	4	4	
SECU RITY	LO3	4	4	4	4	4	4	4	3.0
LAB	LO4	3.7	4	3.8	4	4	4	3.9	3.9
LAB	LO5	3.7	4	3.8	4	3	3.8	3.8	
	LO6	3.9	4	3.9	4	4	4	4	
	LO1	3.9	4	3.9	4	4	4	4	
	LO2	4	4	4	4	4	4	4	
DEVO	LO3	3.6	4	3.7	4	4	4	3.9	3.0
PS	LO4	3.7	4	3.8	4	4	4	3.9	3.9
	LO5	3.7	4	3.8	4	4	4	3.9	
	LO6	3.9	4	3.9	4	4	4	4	
	LO1	2.5	4	2.8	3.6	4.0	3.7	3.3	
4 D37	LO2	4	4	4	4	4.0	4	4	
ADV.	LO3	3	3	3	3.6	3.0	3.5	3.3	2.6
DEVO PS	LO4	4	3	3.8	4	3.0	3.8	3.8	3.6
PS	LO5	4	4	4	4	3.0	3.8	3.9	
	LO6	4	4	4	4	4.0	4	4	



	LO1	4	4	4	4	4	4	4	
	LO2	4	4	4	4	4	4	4	
тот	LO3	4	4	4	4	4	4	4	
IOT	LO4	4	4	4	4	4	4	4	
MINI PROJE	LO5	4	4	4	4	4	4	4	4
CT	LO6	4	4	4	4	4	4	4	
CI	LO7	4	4	4	4	4	4	4	
	LO8	4	4	4	4	4	4	4	
	LO9	4	4	4	4	4	4	4	
Average		3.7	3.9	3.7	3.9	3.9	3.9	3.9	3.7

			Fina	l CO attainm	ent (AY20	21-22) SEN	M-VI		
Subject	COs	Direct CO Attainment	Indirect CO Attainment	Final CO Attainment =0.8*Direct+0.2 *Indirect	Direct CO Attainment	Indirect CO Attainment	Final CO Attainment =0.8*Direct+0.2 *Indirect	Average	Average CO attainment for subject
	CO1	3.6	4	3.7	4	4	4	3.9	
	CO2	3.8	4	3.8	4	4	4	3.9	
DMBI	CO3	3.7	4	3.8	4	4	4	3.9	2.0
	CO4	3.8	4	3.8	3.82	4	3.9	3.9	3.9
	CO5	4	4	4	4	4	4	4	
	CO6	4	4	4	4	4	4	4	
	CO1	4	4	4	4	4	4	4	
WED.	CO2	3.89	4	3.9	4	4	4	4	
WEB	CO3	3.5	4	3.6	4	4	4	3.8	2.7
X.0	CO4	3.85	4	3.9	4	4	4	4	3.7
	CO5	3.6	4	3.7	4	4	4	3.9	
	CO6	2.8	4	3	4	4	4	3.5	



Approved by AICTE & Affiliated to University of Mumbai

	CO1	4	4	4	4	4	4	4	
	CO2	4	4	4	4	4	4	4	1 1
WT	CO3	4	4	4	4	4	4	4	1 ,
	CO4	4	4	4	4	4	4	4	4
	CO5	4	4	4	4	4	4	4] [
	CO6	4	3	3.8	4	3	3.8	3.8	
	CO1	4	4	4	4	4	4	4	
AIDS-	CO2	3.9	4	3.9	3.9	4	3.9	3.9	
AIDS-	CO3	4	4	4	4	4	4	4	3.8
1	CO4	3.6	4	3.7	3.7	4	3.8	3.8	3.6
	CO5	4	4	4	4	4	4	4	
	CO6	2.8	4	3	2.8	4	3	3	
	LO1	4	4	4	4	4	4	4	
	LO2	4	4	4	4	4	4	4	
EHF	LO3	4	4	4	4	4	4	4	4
	LO4	4	4	4	4	4	4	4]
	LO5	4	4	4	4	4	4	4]
	LO6	4	4	4	4	4	4	4	

		•		•					
	LO1	4	4	4	3.85	4	3.9	4	
ві	LO2	4	4	4	3.84	4	3.9	4	
1	LO3	4	4	4	3.94	4	4	4	4
LAB	LO4	4	4	4	3.91	4	3.9	4	4
	LO5	4	4	4	4	4	4	4	
	LO6	4	4	4	3.85	4	3.9	4	
	CO1	4	4	4	4	4	4	4	
WEB	CO2	3	4	3.2	4	4	4	3.6	
LAB	CO3	4	4	4	4	4	4	4	2.7
LAB	CO4	3	4	3.2	4	4	4	3.6	3.7
	CO5	4	4	4	4	4	4	4	
	CO6	4	4	4	4	4	4	4	
	LO1	4	4	4	4	4	4	4	
Concor	LO2	4	4	4	4	4	4	4	
Sensor LAB	LO3	4	4	4	4	4	4	4	4
LAD	LO4	4	4	4	4	4	4	4	7
	LO5	4	4	4	4	4	4	4	
	LO6	4	3	3.8	4	3	3.8	3.8	



Approved by AICTE & Af	filiated to University of Mumbai

				Since 1962					
	LO1	3.7	4	3.8	4	3	3.8	3.8	
MAD &	LO2	3.4	4	3.5	4	4	4	3.8	
PWA	LO3	3.4	4	3.5	4	3	3.8	3.7	3.6
LAB	LO4	3.4	4	3.5	4	4	4	3.8	3.0
	LO5	3.4	4	3.5	4	4	4	3.8	
	LO6	3.4	4	3.5	4	4	4	3.8	
	LO1	3.1	4	3.3	3.1	4	3.3	3.3	
DS using	LO2	3.3	4	3.4	3.3	4	3.4	3.4	
Python	LO3	3.3	4	3.4	3.3	4	3.4	3.4	3.5
Lab	LO4	3.4	4	3.5	3.4	4	3.5	3.5	3.5
	LO5	3.4	4	3.5	3.4	4	3.5	3.5	
	LO6	3.7	4	3.8	3.7	4	3.8	3.8	
	LO1	3.7	4	3.8	4	4	4	3.9	
	LO ₂	3.7	4	3.8	4	4	4	3.9	
Mini	LO3	3.7	4	3.8	4	4	4	3.9	
Project	LO4	3.7	4	3.8	4	4	4	3.9	
2B	LO5	3.7	4	3.8	4	4	4	3.9	3.8
	LO6	3.7	4	3.8	4	4	4	3.9	
	LO7	3.7	4	3.8	4	4	4	3.9	
	LO8	3.7	4	3.8	4	4	4	3.9	
	LO9	3.7	4	3.8	4	4	4	3.9	
Average		3.8	4	3.8	3.9	3.9	3.9	3.9	3.8

			Final CO	attainment (A	AY2022-23)	SEM-VII			
Subject	COs	Direct CO Attainment	Indirect CO Attainment	Final CO Attainment =0.8*Direct+0. 2*Indirect	Direct CO Attainment	Indirect CO Attainment	Final CO Attainment =0.8*Direct+0. 2*Indirect	Average	Average CC attainment for subject
	CO1	3.1	4	3.3	3.1	4	3.3	3.3	
	CO2	2.7	4	3	2.7	4	3	3	
AIDS -II	CO3	3.2	4	3.4	3.2	4	3.4	3.4	3.2
AIDS -II	CO4	3.1	4	3.3	3.1	4	3.3	3.3	3.2
	CO5	2.9	4	3.1	2.9	4	3.1	3.1	
	CO6	2.7	4	3	2.7	4	3	3	
	CO1	2	4	2.4	2	4	2.4	2.4	
	CO2	2.1	4	2.5	2.1	4	2.5	2.5	
IOE	CO3	2.2	4	2.6	2.2	4	2.6	2.6	2.5
IOE	CO4	2.3	4	2.6	2.3	4	2.6	2.6	2.5
	CO5	2	4	2.4	2	4	2.4	2.4	
	CO6	2.2	4	2.6	2.2	4	2.6	2.6]



IS
IS
CO4 2.2 4 2.6 2.2 4 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6
CO4 2.2 4 2.6 2.2 4 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6
CO6 2.2 4 2.6 2.2 4 2.6 2.6 CO1 3.9 4 3.9 3.9 4 3.9 3.9 CO2 3.7 4 3.8 3.7 4 3.8 3.8 CO3 4 4 4 4 4 4 4 CO4 3.7 4 3.8 3.7 4 3.8 3.8
STQA CO1 3.9 4 3.9 3.9 4 3.9 3.9 3.9 CO2 3.7 4 3.8 3.7 4 3.8 3.8 CO3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
STQA CO2 3.7 4 3.8 3.7 4 3.8 3.8 CO3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
STQA CO3 4 4 4 4 4 4 4 4 4 4 5.8 3.7 4 3.8 3.8 3.9
SIQA CO4 3.7 4 3.8 3.7 4 3.8 3.8
CO4 3./ 4 3.8 3./ 4 3.8 3.8
CO5 3.8 4 3.8 3.8 4 3.8 3.8
CO6 4 4 4 4 4 4 4 4
LO1 4 4 4 4 4 4 4 4
LO2 4 4 4 4 4 4 4 4
AR-VR LO3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
AR-VR LO4 4 4 4 4 4 4 4 4
LO5 4 4 4 4 4 4 4
LO6 4 4 4 4 4 4 4 4

	LOI	4	4	4	4	4	4	4					
	LO2	4	4	4	4	4	4	4					
TDG	LO3	4	4	4	4	4	4	4					
IRS	LO4	4	4	4	4	4	4	4	4				
	LO5	4	4	4	4	4	4	4					
	LO6	4	4	4	4	4	4	4					
	COl	3.58	3	3.5	3.58	3	3.5	3.5					
	CO2	3.58	3	3.5	3.58	3	3.5	3.5					
MIS	CO3	3.58	3	3.5	3.58	3	3.5	3.5	3.5				
	CO4	3.64	3	3.5	3.64	3	3.5	3.5					
	CO5	3.595	3	3.5	3.595	3	3.5	3.5					
	CO1	4	4	4	4	4	4	4					
	CO2	4	4	4	3.7	4	3.8	3.9					
CSL	CO3	4	4	4	3.7	4	3.8	3.9	4				
CSL	CO4	4	4	4	4	4	4	4	-				
	CO5	4	4	4	3.7	4	3.8	3.9					
	CO6	4	4	4	4	4	4	4					
	LO1	3.7	4	3.8	3.7	4	3.8	3.8					
	LO2	3.7	3	3.6	3.7	3	3.6	3.6					
DS LAB	LO3	4	3	3.8	4	3	3.8	3.8	3.7				
DSLAB	LO4	3.7	3	3.6	3.7	3	3.6	3.6	3.7				
	LO5	3.7	4	3.8	3.7	4	3.8	3.8					
	LO6	3.4	4	3.5	3.4	4	3.5	3.5					



				Since 1962					
	LO1	4	4	4	4	4	4	4	
	LO2	3.4	4	3.5	3.4	4	3.5	3.5	
IOE LAB	LO3	3.4	4	3.5	3.4	4	3.5	3.5	3.6
	LO4	3.4	4	3.5	3.4	4	3.5	3.5	3.0
	LO5	3.6	4	3.7	3.6	4	3.7	3.7	
	LO6	3.5	4	3.6	3.5	4	3.6	3.6	
SAD LAB	LO1	4	4	4	4	4	4	4	
	LO2	4	4	4	4	4	4	4	
	LO3	4	4	4	4	4	4	4	
SAD LAB	LO4	4	4	4	4	4	4	4	+
	LO5	4	4	4	4	4	4	4	
	LO6	4	4	4	4	4	4	4	
	LO1	4	4	4	4	4	4	4	
	LO2	4	4	4	4	4	4	4	
ROSPL	LO3	4	4	4	4	4	4	4	
KOSFL	LO4	4	4	4	4	4	4	4	
	LO5	4	4	4	4	4	4	4	
	LO6	4	4	4	4	4	4	4	

	LO1	4	4	4	4	4	4	4	
	LO2	4	4	4	4	4	4	4	
MAJOR	LO3	4	4	4	4	4	4	4	
PROJECT I	LO4	4	4	4	4	4	4	4	4
	LO5	4	4	4	4	4	4	4	
	LO6	4	4	4	4	4	4	4	
Average		3.5	3.9	3.6	3.5	3.9	3.6	3.6	3.6



Final CO attainment (AY2022-23) SEM-VIII

	Final CO attainment (At 2022-23) SEM-VIII												
Subject	COs	Direct CO Attainment	Indirect CO Attainment	CO Attainment Direct CO Indirect CO		Final CO Attainment =0.8*Direct+0 .2*Indirect	Average	Average CO attainment for subject					
	CO1	4	4	4	4	4	4	4					
	CO2	4	4	4	4	4	4	4					
BDLT	CO3	4	4	4	4	4	4	4] ,				
BULI	CO4	4	4	4	4	4	4	4	4				
	CO5	4	4	4	4	4	4	4					
	CO6	4	4	4	4	4	4	4					
	CO1	3.5	4	4	3.5	4	4	4					
	CO2	3.6	4	4	3.6	4	4	4					
	CO3	3.9	4	4	3.9	4	4	4	,				
BDA	CO4	3.6	4	4	3.6	4	4	4	4				
	CO5	3.8	4	4	3.8	4	4	4					
	CO6	4	4	4	4	4	4	4					

	CO1	4	4	4	4	4	4	4	
	CO2	3.85	4	4	3.85	4	4	4	
CCS	CO3	4	4	4	4	4	4	4	
ccs	CO4	4	4	4	4	4	4	4	4
	CO5	3.75	4	4	3.75	4	4	4	1
	CO6	2.4	4	4	2.4	4	4	4	
	CO1	4	4	4	4	4	4	4	
	CO2	4	4	4	4	4	4	4	
PM	CO3	4	4	4	4	4	4	4	4
FM	CO4	4	4	4	4	4	4	4	4
	CO5	4	4	4	4	4	4	4	
	CO6	4	4	4	4	4	4	4	
FM	CO1	4	4	4	4	4	4	4	4
FM	CO2	4	4	4	4	4	4	4	-
	CO1	2.8	4	4	2.8	4	4	4	
EVM	CO2	2.8	4	4	2.8	4	4	4	4
	CO3	2.8	4	4	2.8	4	4	4	



				Since 1962					
	CO1	4	4	4	4	4	4	4	
	CO2	4	4	4	4	4	4	4	
BLK CHAIN LAB	CO3	4	4	4	4	4	4	4	
	CO4	4	4	4	4	4	4	4	4
	CO5	4	4	4	4	4	4	4	
	CO6	4	4	4	4	4	4	4	
CC LAB	COl	3.7	4	4	3.7	4	4	4	
	CO2	3.9	4	4	3.9	4	4	4	
	CO3	3.7	4	4	3.7	4	4	4	4
CC LAB	CO4	3.7	4	4	3.7	4	4	4	4
	CO5	3.7	4	4	3.7	4	4	4	
	CO6	3.9	4	4	3.9	4	4	4	
	LO1	4	4	4	4	4	4	4	
	LO2	4	4	4	4	4	4	4	
MAJOR	LO3	4	4	4	4	4	4	4	4
PROJECT II	LO4	4	4	4	4	4	4	4	-
	LO5	4	4	4	4	4	4	4	
	LO6	4	4	4	4	4	4	4	
Average		3.8	4	4	3.8	4	4	4	4

	Final CO Attainment (For the batch passed out in 2022-23)										
Sem	Final CO Attainment										
III	3.8										
IV	3.7										
V	3.8										
VI	3.8										
VII	3.6										
VIII	4										
Average	3.8										



4. PO-PSO attainment for 2022-23 Batch

		Ι)irect	PO At	tainmo	ent (Fo	r 2022	2-23 Pa	ass out	t batch	1)			
							PO	Os						
Sem	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
III	3.2	3.1	3.4	3.4	3.8	2.8	2.6	3.1	2.7	3	2.4	3.4	3.5	3.4
IV	3.2	3.2	3.1	2.8	3.4	3.6	3.1	2.1	3	2.4	2.8	3	3.5	3.1
V	2.3	2.5	3.3	3.6	3.3	3.8	3.1	3.7	3.7	3.9	3.9	3.6	3.1	3.7
VI	3.2	3.2	3.8	3.7	3.4	3.5	2.6	2.7	3.3	4	3.8	3.6	3.7	3.7
VII	3.5	3.4	3.3	3	3.4	3	3.2	3.2	2.7	2.9	2.9	3.1	3.2	3.1
VIII	2.8	3.5	3.2	3.3	3.8	3.8	3.7	3.8	3.6	3	3.1	3.4	3.8	3.8
Average	3	3.2	3.4	3.3	3.5	3.4	3.1	3.1	3.2	3.2	3.2	3.4	3.5	3.5
					Indir	ect PO	attair	ıment		-				
Sr. No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Graduate Exit Survey	4	4	4	4	4	4	4	5	4	5	5	4	5	4
Co-Curricular	3.86	3.6	3.67	3.75	3.86	4	4	4	3.89	3.67	4	3.78	4	4
**Institute level Co-Curricular	3	3	3	3	3	3	3	3	3	3	3	3	3	3
***Extra Curricular	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Average AL	3.93	3.8	3.84	3.88	3.93	4	4	4.5	3.95	4.34	4.5	3.89	4.5	4
			Final	PO att	ainme	nt=0.8	8 * Dii	rect +	0. 2* Ir	direct				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
	3.2	3.3	3.5	3.4	3.6	3.5	3.3	3.4	3.3	3.4	3.5	3.5	3.7	3.6



**Institute level co-curricular activities include NPTEL ,Spoken Tutorials,Microsoft,Oracle certification tests,Looking Beyond syllabus,Cloudera,Praxis,Leading India,Technology day, Technical societies, Internships etc.

***Extra curricular activities include Sphoorti, Utsav , Musical and all other cultural events.



3. Masters of Computer Applications: CO-PO-PSO mapping and attainment.

PO-PSO Attainment

			PO At	tainme	nt of l	Batch	2021	-2023						
		РО												
Sem	PO1	2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
l Avg	2.99	2.99	3.00	2.98	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.99
II Avg	2.92	3.00	2.93	3.00	2.89	3.00	2.95	3.00	3.00	NA	3.00	NA	2.91	2.79
III Avg	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
IV Avg			•		Re	sult is	pendi	ng fror	n Unive	rsity's en	d			
Average	2.97	3	2.98	2.99	2.96	3	2.98	3	3	3	3	3	2.97	2.93
	·													
: Weak 2:M	edium 3	: Stron	ig	-										