



G. Narayanamma Institute of Technology and Science
(for women)
AUTONOMOUS
Shaikpet, Hyderabad-500104.

2.3 Teaching Learning Process

Student Centric Methods
And
ICT Tools

A.Y. 2021-22



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SUMMARY OF STUDENT CENTRIC METHODS (A.Y 2021-22)

The following are the innovative student centric methods used in addition to traditional teaching- learning methods, for enhancing learning experiences and to encourage Participative, Problem solving and Experiential learning.

1.Hackathons	10. Activity-based learning	19. MOOCs	28.Pogil
2. Workshops	11. Jigsaw	20.Google Classroom	29.Open book test
3.Seminars	12. Think pair share	21.Project based learning	30. Proto type model
4.Virtual Lab	13. Flipped Class room	22. Realtime case studies	31. Cross words
5. Simulation	14. Plicker	23. worksheets	32.Research Projects
6. Role play	15.Guest lecture	24.PPT	33. Language games
7.Review literature	16.Professional practice	25. Kahoot	34. Viva
8. Video	17. GD/ debate	26.Mind Map	35. Public speaking
9. Demonstration	18.Peer learning groups	27.Journal Review	36. Poster presentation

BRANCH/METHOD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
EEE		1	6	5	17	2	11	24	58	5		4	4		1		2	1
ECE	8	18	61	39	66		8	66	65	6		20	1				12	
CSE		9	24	13	7	5	4	15	49	6	1	13	7		1	1	3	13
ETM	11	18	2		22	11	11	24	39	22								
IT			42	18	11	8	15	47	45	13	0	9	6	0	6	0	4	10
H&M			12	27		15	15	23	22	11		11	24				11	18
CSD		1	6		2	3	1	4	4	3		5	5			1	1	1
CSM	3	2	5	3	2	5	1	1	3	6			7		1			
CST	0	0	5	4	1	0	3	8	10	3	0	3	1	0	0	0	0	1
BS			42	14	14			56	71	40								
TOTAL	22	49	205	123	142	49	69	268	366	115	1	65	55	0	9	2	33	44

BRANCH/METHOD	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
EEE		3		14	36	52			4		14		1			29	1	
ECE	23	8	66	28	10	89			10		3	14		2		85	13	6
CSE	33	7	4	4	2	39		3	3	6		2	4	7		37		
ETM			11	11		47						11						
IT	2	23	21	35	20	91	12	1	32		15	1					37	
H&M	17	27	15		15	27		11						18	11	25	18	11
CSD	4			4		12		2			1			2		6	2	
CSM	6		3	8		9					5		1			3		
CST	1	3	4	7	2	15	3	0	3	0	0	0				8		
BS				14	14	42										57		
TOTAL	86	71	124	125	99	423	15	17	52	6	38	28	6	29	11	287	34	17

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BRANCH/ METHOD	EXPERIENTIAL LEARNING							
	1	2	3	4	5	6	7	27
EEE		1	6	5	17	2	11	4
ECE	8	18	61	39	66		8	10
CSE		9	24	13	7	5	4	3
ETM	11	18	2		22	11	11	
IT			42	18	11	8	15	32
H&M			12	27		15	15	
CSD		1	6		2	3	1	
CSM	3	2	5	3	2	5	1	
CST	0	0	5	4	1	0	3	3
BS			42	14	14			
TOTAL	22	49	205	123	142	49	69	52

BRANCH/ METHOD	PARTICIPATIVE LEARNING																		
	8	9	10	11	12	13	14	15	16	17	18	19	20	24	25	26	28	33	35
EEE	24	58	5		4	4		1		2	1		3	52					1
ECE	66	65	6		20	1				12		23	8	89					13
CSE	15	49	6	1	13	7		1	1	3	13	33	7	39		3	6		
ETM	24	39	22											47					
IT	47	45	13	0	9	6	0	6	0	4	10	2	23	91	12	1			
H&M	23	22	11		11	24				11	18	17	27	27		11		11	18
CSD	4	4	3		5	5			1	1	1	4		12		2			2
CSM	1	3	6			7		1				6		9					
CST	8	10	3	0	3	1	0	0	0	0	1	1	3	15	3	0	0		
BS	56	71	40											42					
TOTAL	268	366	115	1	65	55	0	9	2	33	44	86	71	423	15	17	6	11	34

BRANCH/ METHOD	PROBLEM SOLVING								
	21	22	23	29	30	31	32	34	36
EEE		14	36	14		1		29	
ECE	66	28	10	3	14		2	85	6
CSE	4	4	2		2	4	7	37	
ETM	11	11			11				
IT	21	35	20	15	1			37	
H&M	15		15				18	25	11
CSD		4		1			2	6	
CSM	3	8		5		1		3	
	4	7	2	0	0			8	
BS		14	14					57	
TOTAL	124	125	99	38	28	6	29	287	17

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ICT Tools Usage Summary-2021-22

Academic Year	Department	No of teachers using ICT	List of ICT tools and Resources Available	enabled Class	Smart Class	E Resources and Techniques used
2021-22	CSE	37	Digital white board, Desktop systems, projector, printer, tablets, pendrive, microphones	3	1	E-books, e-journals
2021-22	BS	15	LCD PROJECTOR; OHP PROJECTOR; TEAMS; ZOOM; IMPARTUS; Cisco Webex; PEN TAB; IMPARTUS; Board and Chalk	NA	NA	YouTube, NPTEL; Soft Books, PPTS; Gnomio moodle, Google Classroom, Wordpress, Google pages
2021-22	EEE	30	OHP projector, LCD projector	6	1	Nptel videos, YouTube videos, springer journals
2021-22	MECH	2	LCD PROJECTOR, IMPARATUS	NA	NA	https://onlinecourses.nptel.ac.in , https://www.mathalino.com
2021-22	CSE(DS)	3	TEAMS, CT, impartus, PPT	3	1	YOUTUBE, SWAYAM, NPTEL, W3schools, javatpoint
2021-22	CSE(AI&ML)	3	TEAMS, CT, impartus, PPT	3	1	YOUTUBE, SWAYAM, NPTEL, W3schools, javatpoint
2021-22	H&M	15	Teams, Impartus, LCD Projector, OHP, Zoom, Cisco, Webex, PenTab, Go to meet, PPT	11	3	You tube lectures
2021-22	ETE	15	LCD	3	1	NPTEL YOUTUBE
2021-22	ECE	34	Teams, Impartus, LCD Projector, OHP, Zoom, Cisco, Webex, PenTab, Go to meet, PPT	9	1	Swayam NPTEL, YouTube videos, Gnomio Moodle, Google classroom
2021-2022	IT	26	Teams, Impartus, Google Meet, Zoom, LCD Projector, OHP Projector	7	2	NPTEL, COURSERA, IEEE, E-books, e-journals

Teaching And Learning
Process Cell
Coordinator

Principal
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