



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

2.3 Teaching Learning Process
Summary of Student Centric Methods

A.Y. 2020-21



SUMMARY OF STUDENT CENTRIC METHODS
(A.Y. 2020-21)

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 school	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	0	0	5	5	16	0	2	33	54	5	0	1	2	0	0	0	0	1
ECE	3	4	6	38	55	1	7	55	18	5		2	1					
CSE					10		4	4				4						
ETM			2		6			21	11									
IT			34	15	5	6	9	26	62	26						2		4
H&M			9	26		11	17	26	26	11		11	20				11	11
BS			25	7	7			32	39	25								
TOTAL	3	4	81	91	99	17	39	197	210	72	0	18	23	0	0	2	11	16

BRANCH/METHOD	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
EEE	0	5	2	4	21	54	0	0	6		3	0	1	0		19	0	
ECE	19	1	8	6		87			5		4	8	1	1		23	2	
CSE		8		6	4	118			4							20	2	
ETM						24												
IT	3	35	4	25	14	12	2											
H&M	15	20	11		15	26		20						11	11	20	11	11
BS				12	7	25										27		
TOTAL	37	69	25	53	61	346	2	20	15	0	7	8	2	12	11	109	15	11

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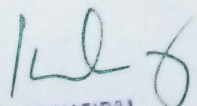
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BRANCH/ METHOD	EXPERIENTIAL LEARNING							
	1	2	3	4	5	6	7	27
EEE	0	0	5	5	16	0	2	6
ECE	3	4	6	38	55	1	7	5
CSE					10		4	4
ETM			2		6			
IT			34	15	5	6	9	
H&M			9	26		11	17	
BS			25	7	7			
TOTAL	3	4	81	91	99	17	39	15

BRANCH/ METHOD	PARTICIPATIVE LEARNING																		
	8	9	10	11	12	13	14	15	16	17	18	19	20	24	25	26	28	33	35
EEE	33	54	5	0	1	2	0	0	0	0	1	0	5	54	0	0	0	0	0
ECE	55	18	5		2	1						19	1	87					2
CSE	4				4								8	118					2
ETM	21	11												24					
IT	26	62	26						2		4	3	35	12	2				
H&M	26	26	11		11	20				11	11	15	20	26		20		11	11
BS	32	39	25											25					
TOTAL	197	210	72	0	18	23	0	0	2	11	16	37	69	346	2	20	0	11	15

BRANCH/ METHOD	PROBLEM SOLVING								
	21	22	23	29	30	31	32	34	36
EEE	2	4	21	3	0	1	0	19	0
ECE	8	6		4	8	1	1	23	
CSE		6	4					20	
ETM									
IT	4	25	14						
H&M	11		15				11	20	11
BS			12	7				27	
TOTAL	25	53	61	7	8	2	12	109	11

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ICT Tools Usage Summary

Academic Year	Department	No of teachers using ICT	No of Teachers on Roll	List of ICT tools and Resources Available	enabled Class	Smart Class	E Resources and Techniques used
2020-21	CSE	34	39	Digital white board, Desktop systems, projector , printer, tablets, pendrive , microphones	3	1	E-books , e-journals
2020-21	BS	15	15	LCD PROJECTOR; OHP PROJECTOR; TEAMS; ZOOM; IMPARTUS; Cisco Webex; PEN TAB;IMPARTUS;	NA	NA	YouTube, NPTEL ; Soft Books;PPTS; Gnomio moodle;, Google Classroom,Wordpress; Google pages
2020-21	EEE	29	30	Teams, Impartus, LCD Projector, OHP, Zoom, Cisco, Webex, PenTab, Go to meet, PPT	6	1	Nptel videos, YouTube videos, springer journals
2020-21	MECH	8	8	LCD Projector, Microsoft Teams.	NA	NA	https://onlinecourses.nptel.ac.in , https://www.mathalino.com , https://youtu.be/0FVzYLEdSA8
2020-21	H&M	29	24	Teams, Impartus, LCD Projector, OHP, Zoom, Cisco, Webex, PenTab, Go to meet, PPT	11	3	You tube lectures
2020-21	ETE	15	15	LCD,TEAMS	3	1	NPTEL YOUTUBE
2020-21	ECE	39	39	Teams, Impartus, LCD Projector, OHP, Zoom, Cisco, Webex, PenTab, Go to meet, PPT	9	1	Swayam NPTEL, Virtual Labs IIT KGP, YouTube Videos, ISRO Website, Gnomio Moodle
2020-2021	IT	26	26	Teams, Impartus, Google Meet, Zoom, LCD Projector, OHP Projector	7	2	NPTEL, COURSEERA, IEEE, E-books , e-journals