

Pedagogical Activities for Teaching Learning Program (I-Semester)

A.Y:2025-26

S.No.	Activity Name
1	Flipped Classroom
2	Collaborative Learning
3	Case Study Based Discussions
4	Activity Based Learning
5	Role Plays/Group Presentations for concept Delivery
6	Think Pair Share
7	Problem Based Learning (PBL)
8	Hobby

II B.TECH I SEMESTER

S.No.	Subject Name	Pedagogical Activity	Faculty Name (A- Section)	Faculty Name (B- Section)	Faculty Name (C- Section)
1	Analog & Digital Electronics	Flipped Classroom	Mrs P.Kavitha	Mrs P.Kavitha	Mr Gopi
2	Computer Organization and Architecture	Collaborative Learning	Mrs.M.Sabitha	Mrs M.Soujanya	Mrs M.Soujanya
3	Operating Systems	Case Study Based Discussions	Dr P. Madhavi	Mrs N.Swaroop	Mrs.G. Mrunalini
4	Object Oriented Programming through Java	Activity Based Learning	Mrs Radhe Shyam Panda	Mrs Radhe Shyam Panda	Mrs D.Shivaraja Kumar
5	Discrete Mathematics	Role Plays/Group Presentations for concept Delivery	Mr G.Venkateswarlu	Mr.G.Venkateswarlu	Mrs G.Sumangala
6	Analog & Digital Electronics Lab	1.Problem Based Learning (PBL) 2.Hobby	Mrs P.Kavitha/ Mrs Rani	Mr Govardhan / Mr Sudhakar	Mr Sudhakar/ Mrs P.Kavitha
7	Operating Systems Lab	1.Problem Based Learning (PBL) 2.Hobby	Dr Amara Jyothi / Mrs M. Soujanya	Mrs N.Swaroop / Mr Sumangala	Mrs.G. Mrunalini / Mrs Shyam Babu
8	Java Programming Lab	1.Problem Based Learning (PBL) 2.Hobby	Mrs Radhe Shyam Panda/ Mr K.Anil	Mr.Shivaraj/ Mrs.M.Sabitha	Mr.D.Shivaraj / Mr Sumangala

III B.TECH I SEMESTER

S.No.	Subject Name	Pedagogical Activity	Faculty Name (A- Section)	Faculty Name (B- Section)	Faculty Name (C- Section)
1	Python Programming	Flipped Classroom	Mrs M.Srikala	Mrs M.Pooja	Mrs M.Srikala
2	Automata Theory and Compiler Design	Collaborative Learning	Dr A.Amara Jyothi	Mr Lal Bahadur Pandey	Mr Lal Bahadur Pandey
3	Business Economics and Financial Analysis	Case Study Based Discussions	Mrs T.Jyothi	Mrs J.Kalpana	Mrs B.Swapna
4	Data Analytics Using R	Activity Based Learning	Dr S.RasheedUddin	Mr N.Venkatesh	Mr N.Venkatesh
5	Professional Elective - I(Data Mining)	Role Plays/Group Presentations for concept Delivery	Mrs T.S.Suhasini		
6	Professional Elective - I(Web Programming)	Think Pair Share		Mr B.Sai Kumar	Mr B.Sai Kumar
7	Python Programming Lab	1.Problem Based Learning (PBL) 2.Hobby	Mrs T.S.Suhasini / Mrs Swaroopa	Mrs.Pooja/ Mr R.Chakravarthy	Mrs M.Srikala / Mrs Pooja
8	Advanced Communication Skills Lab /		Dr R.Venkataramana/ Mr B.Shankar	Mrs Shaik Saheen/ Dr R.Venkataramana	Mrs Shaik Saheen / Dr R.Venkataramana
9	Data Analytics Lab (R Programming)	1.Problem Based Learning (PBL) 2.Hobby	Dr.S.RasheedUddin/ Mr.Lal Bahadur Pandey	Mr N.Venkatesh/ Mr Shyam Babu	Mr G.Venkateswarlu/ Mrs Mrunalini

IV B.TECH I SEMESTER

S.No.	Subject Name	Pedagogical Activity	Faculty Name (A- Section)	Faculty Name (B- Section)	Faculty Name (C- Section)
1	Deep Learning	Flipped Classroom	Mr K.Anil	Ms B.Revathi	Ms B.Revathi
2	Nature Inspired Computing	Collaborative Learning	Dr. A. Vijender	Mr Sunil Kumar Singh	Mr Sunil Kumar Singh
3	Professional Elective course– III (Design Patterns)	Case Study Based Discussions	Mr A.Laxmi Narayana		
4	Professional Elective course– III(Big Data Analytics)	Case Study Based Discussions		Dr A.Pramod Kumar	
5	Professional Elective course– III(Principals of Entrepreneurship)	Case Study Based Discussions			Mrs T.Jyothi
6	Professional Elective Course–IV (Object Oriented Analysis & Design)	Activity Based Learning	Mr R Chakravarthy	Mr R Chakravarthy	
7	Professional Elective course–IV(Computer Security & Audit Assurance)	Activity Based Learning			Mr Himanshu Nayak
8	Open Elective-II/ MOOCs(Electronic Measurements and Instrumentation)	Role Plays/Group Presentations for concept Delivery	Mr Sudhakar		
9	Open Elective-II /MOOCs(Introduction to Embedded Systems)	Role Plays/Group Presentations for concept Delivery		Mr Sridhar	Mr Sridhar
10	Cloud Computing Lab	1.Problem Based Learning (PBL) 2.Hobby	Mr A.Laxmi Narayana	Mr Himanshu Nayak	Mr.Sunil Kumar Singh
11	Deep Learning Lab	1.Problem Based Learning (PBL) 2.Hobby	Mr K.Anil	Ms B.Revathi	Dr A.Pramod Kumar