

National Engineering College, K.R.Nagar, Kovilpatti – 628503
(An Autonomous Institution Affiliated to Anna University Chennai)
Department of Computer Science and Engineering

Focus Group Overall Target (AY 2022-2023)

Focus Group (FG) : **Data Science**
Focus Group Head: **Dr.V.Kalaivani, Prof/CSE**
Members : **Dr.G.Sivakamasundari, AP(SG)/CSE**
 Mr.A.Shenbagaraman, AP/CSE
 Ms.K.B.Mirra, AP/CSE

Name of the faculty with Designation: Dr.V.Kalaivani, Prof/CSE

Research Expertise: Web Mining, Medical Image Analysis

Criteria	Plans to Achieve as per criteria	Targeted Duration of completion of criteria
Attending FDP programs	ATAL Workshop on data science	December, 2022
Industry Know how programs	To Attend Industry Know how	Dec 2022- January 2023
Publications in SCI journals - Impact Factor	SCI Journals- 2 Nos	October 2022 – 1 No February 2023 – 1 no
No. of Publications (Students)	Scopus - 2	February 2023
No. of project proposals	Student project proposal -1 To plan & to apply funding agency – 2 Nos	September 2022 November, 2022 & February 2023
Ph.D Award	Ph.D Award – 1 No	December, 2022

Intl. Collaboration	Publication/ Proposal – 1 no	January 2023
Patent Filling	Patent – 1 No	March 2023
Setup one special lab in your domain (with available PCs) through MoUs	Data Science Focus group - 1 No	March 2023
Delivering expert lecture	Expert lecture – 1 No	December 2022

Name of the faculty with Designation: G.Sivakamasundari, AP(SG)

Research Expertise: Machine Learning

Criteria	Plans to Achieve as per criteria	Targeted Duration of completion of criteria
NPTEL and equivalent online courses	One online course	April 2023
Attending FDP programs	Interstate FDP	Jan 2023
Industry Know how programs	one	Jan 2023
Training programs organized	one Self supporting Workshop should be organized	February 2023
No. of Publications (Students)	Scopus - 2	February 2023
Publications in SCI journals - Impact Factor	SCI – 2 with IF>1.5	1 within September 2022 and 1 within February 2023
Supervisorship	-	April 2023
No. of project proposals	Student Project Proposal - 1	April 2023
Delivering expert lecture	One inter/intra	December 2023
Patent/ Innovation Ideation/ SIH/	one	Dec 2023
Tutor wards Target	1. Motivate them to do various coding contest	

	2. Encourage them to do skillrack/other coding forum practice regularly 3. Motivate them to participate in inter/intra state workshops	
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Name: A.Shenbagharaman, AP/CSE

Criteria	Planner	Targeted Month (Upto April 2023)
NPTEL and equivalent online courses	One NPTEL course	August - October 2022
Attending FDP programs	In Research area	January 2023
Industry Know how programs	In Recent Technologies	February 2023
Project/Product Development Activities	Apply for a NewGen IEDC	March 2023
PhD	Course work and one paper	Course work will be completed on August 2022 and 1 paper before March 2023
No. of Publications (Students)	2 Scopus	Feb 2023
Publications in SCI journals - Impact Factor	1 SCI	March 2023
Delivering expert lecture	Plan to deliver one expert lecture	Will deliver one expert lecture in a topic in one program
Inter-institutional collaboration (Publication, book, Project submission, setting up of labs, technobation, etc.)	2 Publications	Will publish two papers in the inter institutional collaboration with in march 2023
Tutorship	Technical contest / Hackathons / Outside participations for my Tutor ward	Will make all the placement interested students to participate in the technical contests through online. Make the students for the continuous practice for the skill rack regularly

		and to make them ready for future placements by improving the coding skills
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Name: K.B.Mirra, AP/CSE

Criteria	Planner	Targeted Month (Upto April 2023)
NPTEL and equivalent online courses	Enrolled NPTEL course on Cryptography and Network Security	August - October 2022
Attending FDP programs	Plan to attend in the area of Data Mining	January 2023
Industry Know how programs	Planned to attend in the area of Data Science.	February 2023
Student Funded Project	-	-
PhD	-	-
No. of Publications (Students)	2 Scopus	Feb 2023
Publications in SCI journals	-	-
Delivering expert lecture	-	-
Inter-institutional collaboration (Publication, book, Project submission, setting up of labs, technobation, etc.)	-	-
Tutorship	Technical contest / Hackathons / Outside participations for my Tutor ward	Encourage students to frequently practice their skills on the skill rack so they can advance in the class. Encourage participation in coding competitions Encouraged to take part in additional

		state technical competitions
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