Kristu Jayanti College
AUTONOMOUS Bengaluru
Reaccredited A++ Grade by NAAC | Affiliated to Bengaluru North University

Report on Feedback Analysed and Action Taken
2022 – 2023

Faculty of Sciences

Year	Stakeholder	Suggestion	Action taken
Computer Science UG	Student	▪ To introduce recent trends and job oriented paper	▪ Introduced python , R, cloud computing theory
	Teacher	▪ To introduce NEP	▪ Introduced theory and practical paper in Computer Science based on NEP framework
	Alumni	▪ To introduce Big Data Analytics and Machine learning paper	▪ Introduced Ui Path automation, Block Chain in V and VI Semester
	Employer	▪ To introduce Data analytics, IoT and cloud computing paper	▪ Introduced R Practical, Machine learning using python, Big Data analytics paper. ▪ Introduced B.Sc IoT, BCA cloud Computing
Electronics	Student	▪ Include different types of light detectors used in FOC	▪ Photodiode, APD included in the syllabus.
	Teacher	▪ More concepts on phase shift keying to be introduced	▪ 8-PSK, 16-PSK included in the syllabus.
	Alumni	▪ Discuss on latest mobile technologies	▪ 4G and 5G mobile communication introduced in the syllabus.
	Employer	▪ Include activity based learning	▪ Activity based learning included in each unit: ▪ Identify the modulation techniques used in Television channels. ▪ Explain the working of an interceptor used by traffic police. ▪ Prepare a report on the latest satellite launched by

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			ISRO. ▪ Explain the block diagram and working of repeaters used in FOC. ▪ Compare 3G, 4G & 5G Mobile Networks
Mathematics	Student	▪ To include more real life data for practical.	▪ Increased the number of problems related to real life data.
	Teacher	▪ To include topics in the syllabus to be in line with industry.	▪ Topics from Applied Mathematics can be included in the NEP syllabus.
	Alumni	▪ To include more topics related to mathematical software in the syllabus.	▪ All the practical papers to be handled with PYTHON programming in the NEP syllabus.
	Employer	▪ To update the syllabus in par with the industry sectors	▪ More topics can be included in the NEP syllabus to support the industry requirement.
Statistics	Student	▪ To include more real life data for practical use.	▪ Increased the number of problems related to real life data.
	Teacher	▪ To include calculus topics in the Statistics syllabus.	▪ Calculus and probability distributions theory and practical syllabus has included in the NEP syllabus.
	Alumni	▪ To include more topics related to statistical software in the syllabus.	▪ All the practical papers to be handled with R programming in the NEP syllabus.
	Employer	▪ To update the syllabus and cope up the future needs of the industry sectors.	▪ Auctorial statistics paper has been included in the NEP syllabus.
Physics	Student	▪ It was suggested to add more activities based content in order to create more interest in the subject	▪ Simple physics concepts with activities based exercise were added and few more concepts were demonstrated to create interest among the students. ▪ Students were asked to make short films based on physics concepts.
	Teacher	▪ Subject experts and teachers have suggested updating the syllabus and coping up the future needs of an	▪ Updated industry based concept was introduced. ▪ Solar Cell and its types ▪ Fuel Cell

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		industry with respect to all sectors.	▪ Astrophysics ▪ Physics in musical instruments and Energy Physics
	Alumni	▪ Alumni have suggested to add content which coping up the future needs of an industry	▪ Technology oriented content was introduced ▪ Lithography and Holographic lithography (Assignment) ▪ Fabrication of nanomaterials
Computer Science PG	Student	▪ To give importance to Data Science Related courses and TransactSQL	▪ Given as Value added Course for 2021 batch in III Semester ▪ Few new courses were included in the new f 2022-23 M.SC CS curriculum during II Semester and III Semester ▪ M.Sc Data Science programme is introduced from 2023-2024.
	Teacher	▪ Machine Learning practical, Ethics in data science	▪ ML Practical Included in the M.Sc CS 2022 curriculum as a practical course in III Semester ▪ Ethics in Data Science is included M.Sc CS 2022 curriculum as a practical course in II Semester
	Alumni	▪ Analytics oriented courses, Advance machine learning	▪ Digital Analytics, Image and Video Analytics course were included during III Sem in the curriculum M.Sc CS and M.Sc DS as well ▪ Machine learning course is revised in M.Sc DS curriculum - III Semester
	Employer	▪ Certificate courses and , to be part of open source technical forums	▪ Planning to conduct in next academic year ▪ Part of Soda Foundations and students are participated in Bootcamp , Conference and Hackathon events
Life Sciences	Student	▪ More emphasis on Cross-cutting contemporary issues through Add-on Courses	▪ Suggestions considered and necessary updation incorporated

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	Teacher	▪ Introduce Applied biology/ Mathematics in biology	▪ Suggestions considered and necessary updation incorporated
	Alumni	▪ Introduce Bioinformatics	▪ Updation of the course content as per the industry requirement is carried out
	Employer	▪ To increase wet lab hours ▪ New Value Added Courses ▪ Apiculture, Sericulture, Aquaculture ▪ Biology of Marine Organisms, Marine biology Molecular docking ▪ Skill Development Activities ▪ Preparation of Herbaria/ interdisciplinary courses ▪ Emerging areas in the domain ▪ Hydroponics, genetic counselling, Phthology etc	▪ Increased the number of hours/week ▪ CADD is introduced in the VAC as a new course ▪ Introduced as a part of NEP curriculum ▪ Discussed in the department meeting introduce domain specific certificate course in the next academic year
Forensic Sciences	Student	▪ Include industry representatives to provide expert lectures ▪ More laboratory experiments to improve the programme	▪ Expert lectures and workshops are conducted with resource person from industry to provide the students with first-hand experience in the respective domains ▪ All experiments framed as part of the curriculum are having hands on experience and further the experiments were designed as per the Laboratory Manual given by Directorate of Forensic Science Services, India
	Teacher	▪ Students from Kristu Jayanti have impressed us at Jain University, Bangalore. The project presentations they performed are up to the mark and science based. They can take the research further for publication	▪ Students have been encouraged to publish papers. Three paper publications have already been achieved.
	Alumni	▪ provide more job drives for students graduating from the department of	▪ The department has signed MoUs with private organization to enhance the recruitment of

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		Forensic Science	students after their graduation in forensic science

Dr. Calistus Jude A. L.