

### **1.4.1.B. Action taken report**

# **Action Taken Report of IQAC for A. Y. 2020 – 2021**

## ACTION TAKEN REPORT

### Academic Year 2020-2021

The actions taken by the institute on the discussions/resolution made in the meetings of IQAC committee members are given herewith-

Sr. No	Resolution in IQAC Meeting	Action Taken
1	Plan for work from home	A detailed strategy for assigning work during "work from home" was created and shared with all faculties. Faculty developed and disseminated E-content for their particular topics. Periodic subject-based quizzes were held to assess student's readiness.
2	Starting of new branch AIDS	New branch Artificial Intelligence and Data Science was started from the current academic year with a intake of 60. Proposal to further increase the intake by 60 is send to AICTE for approval.
3	Organising seminar/training programs/short term training program	1) IT department organised one-week STTP on "Emerging Quantum Computing Paradigm: Radically change the way we conduct business processes." 2) IT department organised All India level project competition "Technovation'21" 3) Computer department organised one-week STTP on " PROGRAMMING with JAVA" 4) Chemical engineering department organised Alumni webinar and placement webinars. 5) EXTC department organised one day workshop on Artificial Intelligence.
4	Proposal for code-storm and Hackathon.	To increase the coding ability and technical skills of students the IT department organised code-storm Hackathon while the computer department organised Hackathon 2021.
5	Performance appraisal	Faculties were asked to submit the self -appraisal forms to the IQAC.
6	Students result analysis	All departments gathered the results of their students. A thorough investigation was carried out. Extra lessons were scheduled for students who received lower grades in internal test examinations.
7	Admission process	Review of admission process for AY 2021-22 was done.
8	Teacher/students/Student	1)Miss. Vijal Jain received the best paper award at

	Committees awards	<p>IEEE-GRSS.</p> <p>2) Four Students won Smart India Hackathon 2020 - Software Edition.</p> <p>3) Five students won Leadership award for NSS by Mumbai University.</p> <p>4) Three students won UBA Leadership award.</p> <p>5) Four students won Best NSS volunteer award.</p>
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Gopal Pardesi

(Coordinator IQAC)




Dr. G. T. Thampi

(Principal)

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# **Action Taken Report of IQAC for A. Y. 2019 – 2020**

## ACTION TAKEN REPORT

### Academic Year 2019-2020


The actions taken by the institute on the discussions/resolution made in the meetings of IQAC committee members are given herewith-

Sr. No	Resolution in IQAC Meeting	Action Taken
1	Improvements in quality of teaching.	Feedback from students was collected and analysed. The faculties who got low feedback were advised to take extra efforts on teaching and content preparation.
2	Plan for work from home	Detailed plan to assign work during “work from home” was prepared and informed to all the faculties. Faculties created and circulated E-content of their respective subjects. Subject wise periodic quizzes were conducted to check the preparedness of the students.
3	Organising seminar/training programs/short term training program	1) Computer department organised one-day workshop on "Android App development". 2) Computer and IT department organised three-day workshop on AI and Deep Learning. 3) Computer department and IT department organised one-day workshop on Machine learning. 4) Chemical department organised One Week ISTE Approved STTP on "Leveraging Digital content to build productive class room Engagement" 5) Biomedical department organised one day workshop Xeuron'20. 6) IT department organised One Week ISTE Approved STTP on “Infrastructure & Cyber Security”.
4	Proposal for code-storm, Hackathon and Toycathon	To increase the coding ability and technical skills of students the IT department organised code-storm Hackathon while the computer department organised Hackathon 2020. The Computer/IT department organised all India level competition “Toycathon”.
5	Admission process	Review of admission process for AY 2020-21 was done.
6	Performance appraisal	Faculties were asked to submit the self -appraisal

		forms to the IQAC.
7	Departmental annual report	Head of departments were asked to prepare department reports and submit the same to IQAC.
8	Research promotion	In the current academic year 13 research papers and books were published by the faculties.
9	Students result analysis	All departments collected results of their respective students. Detailed analysis was done. Extra lectures were arranged for the students who scored less marks in internal test exams.
10	Departmental budget	The HOD's were asked to prepare and submit departmental budget at the start of financial year.
11	Teacher/students/Student Committees awards	<p>1) Dr. Seema Kolkur received "Best Paper Presentation" award at IFERP.</p> <p>2) Dr. Archana Patankar received "Best Faculty of the year" under sub category Best Faculty - Evangelizing and Contributing to Spread of knowledge across several institutions at the CSI TechNext India 2019 - Awards to Academia.</p> <p>3) Chinmay Umrikar, Rutuja Pawar and Komal Aswani won Leadership award from Mumbai University.</p> <p>4) Urmi Jethani won UBA Leadership award.</p> <p>5) Vishal Nalawade, Parth Dhila, Yugashree Chaudhary and Shikhaa Sushil won best NSS volunteer award from Mumbai University.</p> <p>6) Raj Motwani and Anushka Pathrikar won best UBA volunteer award.</p>



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# **Action Taken Report of IQAC for A. Y. 2018 – 2019**

## ACTION TAKEN REPORT

### Academic Year 2018-2019

The actions taken by the institute on the discussions/resolution made in the meetings of IQAC committee members are given herewith-

Sr. No	Resolution in IQAC Meeting	Action Taken
1	Preparation towards NBA and NIRF	NIRF data was uploaded on the online portal. Application for NBA accreditation of chemical department was done.
2	Academic Planning.	Academic calendar was prepared and circulated to all departments.
3	Organising seminar/training programs/short term training program	1) Computer department organised one- week ISTE approved STTP on "Machine learning with Python" 2) Computer department organised two-day workshop on AI and ML. 3) Computer department and IT department organised two-day workshop on AI and DL. 4) Chemical department organised one week workshop on "Process simulation using DWISM" 5) EXTC department organised one week workshop on SKADA technology. 6) IT department organised one-week ISTE approved STTP on "Digital Forensics".
4	Proposal for code-storm and Hackathon.	To increase the coding ability and technical skills of students the IT department organised code-storm Hackathon while the computer department organised Hackathon.
5	Admission process	Review of admission process for AY 2019-20 was done.
6	Performance appraisal	Faculties were asked to submit the self -appraisal forms to the IQAC.
7	Departmental annual report	Head of departments were asked to prepare department reports and submit the same to IQAC.
8	Teacher/students/Student Committees awards	1) Students of IT and Computer department won the Smart India Hackathon organised at G.H. Raisoni Engg college Nagpur. 2) Students of IT and Computer department won the Smart India Hackathon organised at National Institute of Technology, Trichy. 3) Students of IT and Computer department won the



		<p>Smart India Hackathon organised at Kumaraguru College of Technology, Coimbatore.</p> <p>4) TSEC students won NEC Environment Hackathon, held at Gurgaon.</p> <p>5) Three TSEC students won the best NSS volunteer award.</p> <p>6) Mr. Romil shah won the Unnat Bharat Abhiyan Leadership award.</p> <p>7) Miss. Smriti Rao won the 1<sup>st</sup> Position in state level project competition organised at D.J. Sanghvi Engineering college, Mumbai.</p>
9	Mission of departments	The mission statements were discussed and after some modification the mission statements were approved.
10	PEO's and PSO's	The PSO's and PEO's of the departments were discussed in the IQAC meeting. After slight modifications the PEO's and PSO's of the departments were approved.
11	Research promotion	In the current academic year 26 research papers and books were published by the faculties.



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## ACTION TAKEN REPORT

### Academic Year 2017-2018

Quality assurance is a by-product of organising efforts to establish an institution's objectives, create a work plan to attain them, and assess the degree to which each job is completed. The actions taken by the institute on the discussions/resolution made in the meetings of IQAC committee members are given herewith-

Sr. No	Resolution in IQAC Meeting	Action Taken
1	Formation of IQAC committee.	The IQAC was constituted as per new NAAC guidelines on 7 <sup>th</sup> July, 2017 with due consideration given to composition.
2	Academic Planning.	Academic calendar was prepared and circulated to all departments.
3	Organising seminar/training programs/short term training program	1) IT and Computer departments organised one-week ISTE approved STTP on "Internet of Things and It's Applications" 2) IT department organised one-week ISTE approved STTP on Programming with Python and R. 3) Chemical engineering department organised two Days Workshop for Students on "Line Sizing/Pressure Drop Calculations/Pump Sizing in Process Engineering" and "Flare & Relief System in Oil & Gas Industry" 4) EXTC Department organised one day workshop on Android applications and IOT. 5) Biomedical department organised two-day workshop on Imaging for the Future- Current and Future Technologies.
4	Research promotion	In the current academic year 36 research papers and books were published by the faculties.
5	Admission process	Review of admission process for AY 2018-19 was done.
6	Performance appraisal	Faculties were asked to submit the self -appraisal forms to the IQAC.
7	Departmental annual report	Head of departments were asked to prepare department reports and submit the same to IQAC.
8	Teacher/students/Student Committees awards	1) Prof. Seema Kolkur and Prof. Vaishali Suryawanshi were awarded as best mentor for the projects they guided at Project Expo-18. 2) Dr. Archana B. Patankar was "Best Faculty of the year" under sub category Published Research. 3) CSI- TSEC won the Best College/Institute of the year" under sub category "Introduction of innovative

		new programs and courses” at the CSI TechNext India 2018 - Awards to Academia at IIT Powai. 4) Soham Kanvinde and Richa Doshi received the Best NSS Volunteer award.
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8	Teacher/students/Student Committees awards	<p>1) Prof. Seema Kolkur and Prof. Vaishali Suryawanshi were awarded as best mentor for the projects they guided at Project Expo-18.</p> <p>2) Dr. Archana B. Patankar was “Best Faculty of the year” under sub category Published Research.</p> <p>3) CSI- TSEC won the Best College/Institute of the year” under sub category “Introduction of innovative new programs and courses” at the CSI TechNext India 2018 - Awards to Academia at IIT Powai.</p> <p>4) Soham Kanvinde and Richa Doshi received the Best NSS Volunteer award.</p>
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