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JSS ACADEMY OF TECHNICAL EDUCATION-60
Affiliated to Visvesvaraya Technological University, Belagavi, Karnataka, INDIA
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INTERNAL QUALITY ASSURANCE CELL(IQAC)

Report for the AY 2022-23

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COMPOSITION OF THE INTERNAL QUALITY ASSURANCE CELL (IQAC) AY 2022-23

The composition for the IQAC for the Academic Year 2022-23 is as follows:

Sl. no.	Name	Designation	REPRESENTATION
1	Dr. Mrityunjaya V Latte	Principal JSS Academy of Technical Education, Bengaluru.	Chairman
2	Dr. H.R. Mahadevaswamy	Joint Director TED, JSSMVP, Mysuru.	Management Representative
3	Mr. Veeresh C S	Administrative Officer JSSATE, Bengaluru.	Member
4	Dr. Bhimasen Soragaon	Dean – Academics JSSATE, Bengaluru.	Member
5	Dr. Swamy D R	Professor Dept. of IEM, JSSATE, Bengaluru.	Member
6	Dr. D. Jayadevappa	Professor and Head, Dept. of EIE, JSSATE, Bengaluru.	Member
7	Dr. N. C. Naveen	Professor and Head Dept. of CSE, JSSATE, Bengaluru.	Member
8	Dr. Nityanand Chaudhary	Professor and Head Dept. of Physics. JSSATE, Bengaluru.	Member
9	Dr. Prashant Vishwanath	Professor Department of Biochemistry, JSS Medical College, JSS Academy of Higher Education & Research, Mysuru.	Member – External (Margadarshak)
10	Dr. S N Omkar	Chief Research Scientist Dept. Aerospace Engineering, IISC, Bengaluru	Member – External
11	Dr. Rekha P.M	Associate Professor and Head Dept. of ISE, JSSATE, Bengaluru.	Member
12	Dr. D Mahesh Kumar	Associate Professor Dept. of EIE, JSSATE, Bengaluru.	Member
13	Mr. VeerabhadraYadwad	Executive Manager M/s. Yokogawa India Ltd., Bengaluru.	Member - Industry
14	Mr. Shashank. N. (USN - 1JS11CS094)	Chief Executive Officer M/s Webtrigon Technologies Private Limited, Bengaluru.	Member - Alumni
15	Ms. Suruchi (USN-1JS17IS078)	ISE Student VIII Semester, JSSATE, Bengaluru.	Member - Student
16	Dr. Aravind.H.S.	Professor Dept. of ECE, JSSATE, Bengaluru.	IQAC Coordinator (Member Convener)

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PROCEEDINGS OF MEETING HELD ON 19th May 2021 at 4.00 PM to 5.00 PM

Agenda:
- Briefing about the IQAC Role and its responsibilities, operation.
- Preparation of NAAC documents and communication of the same for audit.
  Mode of Meeting: Google Meet
  [link:https://drive.google.com/file/d/1UKz6fAdobnpkvddtHylfrTFiB_dm07o-/view]

The **Coordinator, Dr. Aravind H. S** briefed the following in the meeting.

- Role of IQAC, related guidelines of the AICTE and evaluation parameters during the IQAC meeting process.
- Displayed the formats and the few samples of the other institution and insisted to work in line with.
- Adherence to collection of data and reports which are to be sent through the HOD mail id to IQAC mail id only and all the correspondence is to be made with official IQAC mail and through the respective official mail IDs only for easy maintenance the record.
- Data collection and documentation from different criteria of NAAC as per the IQAC formats.
- Preparation of the presentation for presenting to the college level IQAC committee meeting.

The areas of improvement are to be discussed and submitted for final approval will be done at college level IQAC committee meeting and the same will be circulated for implementation after the approval.

PROCEEDINGS OF MEETING HELD ON 12th June 2021 at 2.30 PM

Venue: Boardroom, JSS Academy of Technical Education, Bangalore.
Agenda: The various issues and plans for future, final remarks by Principal
In the meeting, consolidated report on parameters/points identified for areas of improvement was prepared & presented.

- IQAC Coordinator presented the IQAC vision, Objectives, Strategies, Functions, and Benefits.

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- IQAC cell has to be formed in the instruction, it is a part of the major committee & bodies to support Academic activities in the institute.

- IQAC ensures enhancement & Coordinator of many various activities of institution. It facilitates to conduct academic audit also various activities to be captured, like TLP, Internship, student projects, professional bodies etc.,

- It also helps in incremental improvements with regard to quality that need to be captured. With regard to quality, each department given audited report submitted by considering like placement, Internship, TLP guest lecture, industrial visit, publications consultancy etc.

- Under IQAC feedback is to collected & analyzed, for further improvements and are captured, also provide support for NAAC preparation & NBA & NIRF rankings etc.,

- Principal mentioned rules, responsibilities & requirements for NAAC preparation & incremental growth assurance & steps initiated for incremental growth, all parameters are needed.

- Suggestion was given regarding the placements every now & then to improve on the placements. The requirements to meet the quality initiatives of organization are discussed.

Procedure to be followed for IQAC meeting:

Joint director, mentioned how the IQAC meeting happens. Agenda to be prepared by IQAC Coordinator along with chairman later circulate to IQAC members.
- PPT to be prepared by IQAC coordinator.
- IQAC coordinator welcomes all members.
- Chairmen will give initial remarks.
- Followed by discussion as per agenda.
- Agenda: updates on Programs organized in college.
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PROCEEDINGS OF MEETING HELD ON 24th June 2021 at 3.00 PM
Venue: R& D LAB, E& C Dept. Academic Block-B
Agenda: Updates on IQAC Meeting Conducted at college level, Discuss on Requirements of IQAC

Discussion on Activities planned, Future Plans

- Dr.Aravind H.S stated that regular meetings are to be conducted in department as well as in college level for framing, executing and monitoring the policy executions and there outcome.

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- Distribution of various tasks that are to be performed among the department coordinator and requested to collect the data with the respective policy makers who are been identified.
- The various roles and responsibilities are assigned to senior faculties of the concerned department coordinators.

On 16th July 2021, Dr. Aravind H.S has organized **Webinar on Team Work under IQAC** by Dr. Prashanth, Coordinator, IQAC, JSSAHER, MYSURU, all department coordinators and other faculties participated in webinar& certificates are issued in the participants.

PROCEEDINGS OF MEETING HELD ON Quality Issues in the institute on 27th September 2021 at 10.30AM-12PM

Venue:R&D Lab Department of ECE, Academic Block B

In the meeting the following points are discussed.

- IQAC also deals with innovation project identification and implementation, making students industry ready along with the Teaching Learning Process as the aim of IQAC ,IQAC cell to coordinate to make everyone aware of B.E Honors course details.
- Stakeholders to work towards the continuous improvement.
- Presentation for the meeting must consists of all the criteria data and in detail criteria wise presentation as the criteria's will have much more detailed data with respect to innovations, Value added Programs organized and conducted along with other research oriented data.
- Brand building -regarding projection of JSS to outside world.
- Ready of the institute to face the industry demand and its perspective in terms of the requirement and to arrange expert talks from the industry in order to bridge the gap and introduce extra knowledge to students.
- SWOT analysis also should be conducted to analyze ourselves where we stand and identify the grey areas where the improvement is needed to be identified and the target has to be set from the different stages.
- Standard formats are framed and circulated among the departments.
- Presentation has to be done according to NAAC criteria's.
- Often conduction of IQAC meetings.

PROCEEDINGS OF MEETING HELD ON finalizing the formats/policies framed on 30th October 2021 at 3.00PM

Venue: Board Room, JSSATE, Bengaluru.
Agenda: finalizing the formats/policies framed.

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- IQAC coordinator Dr. Aravind H.S, displayed policies framed in teaching learning process, placement details, course file audit, Identify the students' learning levels, course delivery method, teaching learning process, Collaborative learning, Experiential learning, Active learning, Open Educational Resources, Performance enhancement for slow learners.

- Discussed quality of the various activities related to Teaching Learning process, Research & Development, Industry-Institute Interactions and awareness of Entrepreneurship.

On 15th February 2022, all departments audit is conducted; the audited reports have been collected by considering the various parameters like Ownership of Notes and course outcomes, CO-PO mapping, CO attainment. The three levels considered for the evaluation are like, Not satisfactory(NS), Scope for Improvement(SI), Satisfactory (S). Later all the department audited documents are maintained with IQAC coordinator.

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RECONSTITUTION OF THE INTERNAL QUALITY ASSURANCE CELL (IQAC) AY 2022-23

The Internal Quality Assurance Cell (IQAC) of the Institute is reconstituted for improving the quality and smooth conduction of various academic and administrative activities. The structure of the IQAC core committee is as follows and will be in force until further notice.

The following are the members of the reconstituted IQAC for the Academic Year 2022- 2023

Sl. no.	Name	Designation	REPRESENTATION
1	Dr. Bhimasen Soragaon	Principal, JSS ATE, Bengaluru	Chairman
2	Dr. H.R. Mahadevaswamy	Joint Director (TED), JSSMVP, Mysuru.	Management Representative
3	Mr. Veeresh C S	Administrative Officer, JSSATE, Bengaluru.	Member
4	Dr. N. C. Naveen	Dean – Academics, JSSATE, Bengaluru.	Member
5	Dr. Mahesh B	Dean – Research, JSSATE, Bengaluru	Member
6	Dr. D Mahesh Kumar	Dean – Student Welfare, JSSATE, Bengaluru	Member
7	Dr. Nityanand Choudhury	Professor – First Year coordinator, Dept. of Physics. JSSATE, Bengaluru.	Member
8	Dr. T S Nanjundeswaraswamy	Professor & Head, Department of Management Studies, JSSATE, Bengaluru	Member
9	Dr. Prashant Vishwanath	Professor & Research Dean, Department of Biochemistry, JSS Academy of Higher Education & Research, Mysuru.	Member – External (Margadarshak)
10	Dr. Tarun Rao	Manager, M/s. Accenture Solutions (Cloud architect)	Member - Industry
11	Sri. Thej Kumar	Vice President, M/s. Toyoda Gosei India Pvt. Ltd., Bidadi, Bengaluru	Member – Industry
12	Dr. Bobby John	Indian Statistical Institute, Bengaluru	Member, External – Academician
13	Dr. Pradeep M P	Placement Liaison Officer, JSSATE, Bengaluru	Member – Training & Placement
14	Mr. Madhwesh P S	Supply Chain Manager, Cisco, Bengaluru	Member - Alumni
15	Mr. Vinay Patil (2009,ECE)	Leadership Coach; Founder & CEO – Skillfix; Founder & MD - Roots Education, Bengaluru	Member - Alumni
16	Ms. Lalitha Shree C P	II year, Dept. of Information Science & Engineering, Bengaluru	Member - Student
17	Abhilash H B	III year, Dept. of Mechanical Engineering, JSSATE, Bengaluru	Member - Student
18	Dr. Rekha P.M.	Professor & Head, Dept. of Information Science & Engineering, JSSATE, Bengaluru	IQAC Coordinator (Member Convener)

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Proceedings of the IQAC Meeting held on 13th May 2023 from 11:00 am to 01:00pm,

Venue: Board Room, JSSATE, Bengaluru.

Agenda: Quality improvement & assurance initiatives of the Institute and Progress on Various Activities in the Institution

Discussions/Deliberations:

- Dr. Bhimasen Soragaon, Principal, welcomed all the members to the meeting and introduced the members. He set the context for the meeting and explained in brief the accreditation journey of the institute to get A+ grade by NAAC.

- Dr. Rekha P M, IQAC coordinator of the institute, presented the initiatives of the Institute. She mentioned that the Institute has taken up measures to assure the quality in all its processes and endeavors. In her presentation, she highlighted the previous meeting proceedings, first year academics, admissions statistics of the Institute, Academic Results, Progress in Research & development, Outreach activities conducted, placement statistics and Achievements of the institute for Academic year. She requested all the members for valuable inputs and suggestions to strengthen the quality improvement initiatives of the institute.

1. **Quality improvement and assurance of the processes**

   Dr. Rekha P M, IQAC Coordinator gave a brief review of the preparation of Self-study report, Data validation and verification queries. The Visit of NAAC expert team and score of seven key metrics.

   ### Recommendations:

   - Mr. Thej Kumar appreciated the institution for securing A+ grade in NAAC and student ranks at university level. He suggested aligning the activities of IQAC with the vision of the institute.
   - He added that in order to enhance outcome, it is necessary to first accept weak areas identified by the NAAC committee and self-assess. And plan accordingly to fill the gap by initiating a proper action plan with outcome.
   - Dr. H R Mahadevaswamy, Joint Director (TED) – JSSMVP, also intimated to plan strategies to overcome weaker areas identified in the institution's NAAC report.
   - Mr. Thej Kumar deliberated about the NIRF institutional ranking and to compare with benchmarking institutions and focus on what new can be done to enhance quality of education and hence uplifting the institutional ranking.

2. **First Year Academics**

   Strategic plans made to improve the first year results were discussed. Insight on nomination of first year coordinator, to ensure timely and efficient performance in academics was shared. Frequent interaction with the first year students by Principal, Dean, first year coordinator and IQAC coordinator.

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Recommendations:

- For results, Dr. H R Mahadevaswamy suggested to include count of backlogs in previous year and compare with current year and prepare action plan to improve further. For every Parent Teachers Meeting organized, data should be captured and impact analysis of the same to be prepared.

3. Admission

Admission statistics of all programs with intake was presented. In the academic year 2022-23, admission percentage was 83.33%

Recommendations:

- Overall admission is good. Members suggested to aim towards having admissions with good cut-off ranks.
- Mr. Thej Kiran asked the committee members to make JSSATEB more visible to society like SJCE, one of the top technical institutions under the umbrella of JSS Mahavidyapeetha. Strengthening social media pages of college will draw more societal attention. Social media team should promote institution featuring alumni, current batch students and their achievements. Small videos of campus and initiatives taken can also be included.

4. Semester end results:

The third and fourth-year results were presented. Based on the results the following recommendations were made.

Recommendations:

- Mr. Thej Kumar said that mentoring is a very crucial aspect with respect to slow learners and should be effective. Alumni to be assigned as external mentors to fill in the industry gap and to provide societal support which could be more effective.
- Analysis of first internals performance and the remedial action to be planned by identifying the slow learners.

5.Research Initiatives

Papers published in journals and conferences, patents granted, research projects approved for funding by government was presented.

Recommendations:

- Dr. Tarun suggested that an alumni newsletter can be planned to publish industry level articles, along with faculty and student's involvement.
- Gartner and Forrester research to be leveraged to understand the latest industry trends.
- Faculty and students to collaboratively research and publish papers with respect to current industry areas, which further will help in getting into MS degree in foreign universities for Higher studies. Also encourage them to apply

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for patents.

- Mr. Thej Kumar asked to review all existing MoU and its effectiveness to be analyzed to make best utilization of the Industry/ Institute collaboration.

- Mr. Madwesh also voiced the need for sessions to create awareness on applying for patents related to innovation. Both faculty and students to be benefitted.

- Dr. H R Mahadevaswamy, deliberated that research needs to be strengthened by publishing in high impact journals and also to initiate joint collaboration with IIT, NIT, foreign university, and government sectors. Students' involvement in research activities and project funding to be empowered.

- Dr. Mahesh B, Dean – Research, guaranteed that the institute will take measures to uplift research interest among faculty, students and provide awareness about more research opportunities.

6. **Outreach activities**

   List of all outreach activities organized for students was presented to the members. Namely, National voter's day, medical checkup camp, teaching activity adopted at village.

   ### Recommendations:

   - Mr. Thej Kumar, suggested to plan out around 10 activities, which includes thinking who, when, what and why?
   - Gantt chart to be made for timeline measurement of each activity conducted. Activity to be planned with a structured approach like PDCA (Plan-Do-Check-Act) cycle.
   - Dr. H R Mahadevaswamy, added that outreach activities should be planned and reflected in the calendar of events and outcomes should be measured.
   - Mr. Thej Kumar informed that value-based training should be strengthened in collaboration with alumni network at regular intervals.
   - Need to conduct motivational talks/ activities on stress management for all the faculty members. This enhances the mental well-being of the teaching fraternity.
   - He also suggested planning top 5 initiatives/ activities and executing them in a time bound manner.
   - Dr. D Mahesh Kumar, Dean - Student Welfare, assured that activities will be planned as per the suggestions made by members.

7. **Placements**

   The placement statistics of 2022-23 (up to April 2023) was presented to the members.

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Metric	2022-23
No. of Companies visited till date	56
Total No. of Offers	587
No. of students with single Job offers	387
No. of students with 2 Job offers	200
Highest package offered with company name	21 LPA,M/S Juspay
Lowest package offered with company name	2.4 LPA,M/S Nextfirst
Average package offered	4.43 LPA

Recommendations:
- Dr. H R Mahadevaswamy, suggested that the placement, higher studies metric output analysis can include number of job offers secured by each student, percentage of students placed in previous year and compare with current year, initiatives and action plan to be planned to improve further.
- Dr. Tarun, opinioned that having strong alumni network helps in placements for students. Conduction of online webinar every fortnight with alumni can be planned. Involvement of alumni for placements, projects would help students to upgrade learning skills.
- Mr. Madwesh gave insight on Cisco Networking academy, which will help students to upgrade their knowledge and as well as job profile and job opportunities. He also had the opinion that improving alumni interactions will open doors for student's knowledge enhancement and placement opportunities.
- Dr. N. C. Naveen, Dean – Academics, took all the suggestions given by committee members positively and affirmed to improve the industry connect and alumni interactions.

8. Milestone activities
Details of milestone activities of the academic year 2022-23 was presented. Few include, hosting an IEEE International conference, signing a MOU with IIT Guwahati, Centre for Development of Advanced Computing (C-DAC), setting up of E-yantra Robotics lab in association with IIT Bombay and open day project exhibition for final year students.
Recommendations:
- IEEE student chapter can be established and strengthened to improve research interest among students.
- Dr. Tarun Rao gave insight on student chapter provision. Institute should initiate the Microsoft and Google student chapters. He recommended to exploring on these student chapters and encouraging students to join them. Student ambassador to be nominated by the department. This enhances JSSATEB's visibility in the corporate sector.

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The meeting got over with a thank note by Dr. N. C. Naveen to all the attendees. Mr. Veeresh C S, Administrative Officer, JSSATE, thanked all the members for their constructive inputs and assured to implement the same.

PROCEEDINGS OF MEETING HELD ON 26/07/2023 to carry out NAAC related activities and the process of preparation of AQAR 2022-23.

Venue: Board Room, JSSATE, Bengaluru.
Agenda: Preparation for the AQAR 2022-23.

- IQAC coordinator Dr. Rekha PM, presented an insight of NAAC and importance of IQAC. She mentioned the purpose of the AQAR, guidelines and preparation of the AQAR 2022-23.
- The Plan of Action for the completing the process of review and submission of AQAR 2022-23 was discussed.
- The lacunae of each criterion, mentioned in the previous year visit report prepared by the NAAC team should be identified and action plan has to be taken at the department level.
- It is also insisted that the ADD-ON courses should be implemented in every department without fail.
- The principal insisted to list the criterion wise requirements and to be discussed with the HODs.
- Dr. Sanjay Shekar, Criteria 4 Head highlighted on strengthening the library automation and library usage by students.
- It is decided to have the strategic plan for the upcoming year 2023-24 concentrating on Teaching, Research and Student support.
- Dr. Bhimsen Soragaon, Principal insisted to have quality improvement in all criteria and make sure that the AQAR is up to the mark with a considerable progress.
- It is also decided to identify the department level NAAC coordinators for the smooth collection of data.

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Department Level NAAC Coordinators

Sl. No	Name of the Coordinator	Department	Mail ID	Phone
1.	Dr. Sanjay Shekar	Civil Engg	sanjayshekarnc@jssateb.ac.in	9535274064
2.	Dr. Naidila Sadashiv	CSE	naidila@jssateb.ac.in	9900114849
3.	Dr. Anil B C	CSE(AI-ML)	hodaiml@jssateb.ac.in	9886519295
4.	Dr. Mahendra H N	ECE	mahendrahn@jssateb.ac.in	9740129884
5.	Harshitha	EIE	harshithashivaprasad@gmail.com	9742179284
6.	Chetan R	ISE	chetanr@jssateb.ac.in	9481184542
7.	Dr Nagesha H G	MBA	nageshahg@jssateb.ac.in	7892523976
8.	Mrs. Chandana C	MCA	chandanac@jssateb.ac.in	9538818006
9.	Dr. BM Santhoshkumar	ME	santhoshkumarbm@jssateb.ac.in	7618761235
10.	K S Mahesh	Robotics & Automation	ksmahesh@jssateb.ac.in	9449915319
11.	Kathyayani D	Chemistry	kathyayanid@jssateb.ac.in	6360041236
12.	Mrs. Sushma K C	Physics	sushmakc@jssateb.ac.in	9972521310
13.	Dr. Nandini P	Maths	nandinip@jssateb.ac.in	9916597966

PROCEEDINGS OF MEETING HELD ON 23/08/2023 to discuss about the activities to be carried out related to NAAC and preparation of AQAR 2022-23.

Venue: Board Room, JSSATE, Bengaluru.

Agenda: Status of the data collection process for the AQAR 2022-23.

IQAC coordinator Dr. Rekha P M informed about the **AQAR** preparation for data fetching is from June 2022 to May 2023.

Following guidelines were given to NAAC coordinators for the preparation

- It is suggested to update the library details with all new subscriptions and updating in the library automations.
- It also decided to fill the excel sheets and later after validating the data and start for the supporting document collection.
- QlM questions should be filled by considering with all the incremental growth of the Institutions.
- Criteria 5 QlMs can be updated as there are many activities organized by the student welfare including the scholarship distribution and outreach activities.
- Discussion was also made on the institutional policies whether to refine the policies and retain the same.
- To finalize the strategic plan for the Academic Year as it has to be updated in the college website and to be included in the Criteria 6.

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- Institutional Best Practices and Institutional Distinctiveness should be discussed and finalized by a brain storming Session along with the Department Heads.
- It is also conveyed that the CO-PO document should be maintained common across the entire department as shared template.
- Dr. Rekha P M insisted that the SSS (Student Satisfactory Survey) should be filled by instructing the students at the department level.

Review of the outcomes observed for the previous meeting agenda.
- For the current academic year dept. E&CE have planned conduction of National Conference. The tentative date will be in the month of November 2023.
- In the academic year 2021-22, the student project outcomes have been published inpeer reviewed journals and faculty members have been advised to continue the work on student projects and publish in Scopus / WoS journals.
- It has been discussed and HoDs have been strictly instructed to advise the staff members to take Certification courses to improve the domain knowledge for effective demonstration of the courses.
- In-line with these four staff from the Dept. of ISE and one from CSE have registered and completed the NPTEL course.
- Weak areas in terms of research, consultancy and funding havebeen identified.

First Year Academics and for higher semesters :
Internal Audit of Department documents.

- Visit to Classrooms for Interaction with First Year Students: for Academic Monitoring process First Year Coordinator, IQAC Coordinator, Dean Academics and respective HOD visited to First Year classrooms and interacted with students about Teaching learning Process.
- Academic Monitoring committee has been framed to verify the academic related activities with respect to **First Year Academics** and for higher semesters.
- Dean Academics and IQAC insisted that the format sent should be implemented strictly. Team of members were constituted to review Question paper and scheme for all semesters.
- Department-wise audits have been conducted across all the departments.

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Admission 2023-2024

Year	Intake	Admitted	% of Admission
2023-24	840	767	91.31%
2022-23	840	700	83.33%
2021-22	780	653	83.72%
2020-21	900	476	52.89%

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To improve Semester end results

- Meeting was conducted with Slow Learners who are studying in the III & first year in the presence of Principal, Dean Academics along with the respective HOD. This was done for students who were identified by the departments based on the failures in previous semesters.
- Few students expressed that they have backlogs in first year subjects
- Suggested to use Sample methods may be 'brush-up' or 'crash' classes 2-3 weeks prior to SEEs, providing systematic course materials (notes) of all the modules, solving previous question papers as per the scheme & solutions of VTU, etc.
- Dean Academics presented the overall results obtained by respective departments, and also highlighted subjects, but not limited to, that need much more analysis, along with the concerned faculty and plan proper actions in future for obtaining better results. It was also mentioned that apart from these subjects, department must perform a thorough analysis of III Semesters results and provide details about not obtaining the expected results from respective faculty.
- The Top performers in all the departments are identified and Principal, AO and Dean Academics requested all the HOD's to take necessary actions and keep vigilant about the performance of these students personally for achieving good number of Ranks in the upcoming years.

Effective Implementation of the newly introduced courses to 3rd Semester, Inter / Intra InstitutionalInternship, Social Connect & Responsibility, Non-Credit Mandatory Courses.

- Dean Academics briefed about inter / intra institutional internship. As part of curriculum full-fledged internship of 4 weeks or a month to understand the industry work culture.. Informed that department coordinators are to be identified for Non-Credit Mandatory Courses - NSS, Physical Education, and Yoga.
- Dr. Rekha P M, IQAC cordinator suggested projects can be taken from industries for internship.

Initiation of final year course project work

- Dean Academics and IQAC coordinator highlighted that this initiation has been taken to provide quality time to students to developproduct based real time projects.

- Principal suggested that the students be asked to frame problem statements for real timeapplication-oriented projects.

- The principal insisted that the faculty members need to be in touch with the industries to get problem statements for the projects.

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- Dean Research also highlighted about students should carry out research projects and also to identify the student quality project and to patent the project.

Initiation of Research & Development Activities

- JSSATEB had signed a MOU with IIT Guwahati in the month of April, 2023. It was necessary to expand and explore the different collaboration activities. In continuation to it, a discussion was planned with all the faculty from Department of CSE, ISE, CSE(AI&ML), MCA- JSSATEB for further process and action.
- Dean Research scheduled Department wise meeting, interacted with individual faculty to know the research status and as well suggested to publish articles in quality journals and as well to apply for different funding agencies, scheme and government funds.

- To strengthen R & D , forum of voluntary researchers has been formed at JSSATE Bengaluru with the following   objectives: i) knowledge sharing, ii) collaboration, iii) networking, and professional   development, iv) research dissemination, v) writing projects, vi) filing of patents, and vii)   staying informed about the latest developments in a specific field.

- Brain storming sessions was carried with prominent researchers to   enhance the publications   and   also   to   strategies   to   aim   for   NIRF   ranking.

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Outreach activities

- Two-day workshop on **Capacity Building** is organized for the Heads of Department, Professors and Associate Professors of all the departments of our institute on 10th & 11th November 2023 in collaboration with alumni network at regular intervals.
- Need to conduct motivational talks/ activities on stress management for all the faculty members. This enhances the mental well-being of the teaching fraternity.
- The Department of Chemistry has conducted a "National Science Fair 2022," and the information reached more than 5000 people through WhatsApp groups, Facebook, Twitter, etc. across India. More than 1600 PU College, high school, and Engineering College students have physically visited, demonstrated the working models, and witnessed the various activities held on our campus.

- Dr. D Mahesh Kumar, Dean - Student Welfare, be planned activities and executed them in a time bound manner.

Conduction of Technical Training session for students of 2nd to 4th year.

- To prepare students, technically competent with the recent technologies, training sessions have beeninitiated from external experts for the students of 2nd to 4th year.

- It was discussed that Alumni can be asked to give the training sessions or sessions on motivation.

Ratification of new questionnaires framed for structured Feedbacks and student feedback onFacility.

- Revised questionnaires framed for structured Feedbacks and student feedback on Facility were presented in front of the Committee.

Review of document preparation made for NBA expert team visit of Department of InformationScience & Engineering.

- Discussed about the criteria-wise document preparation by Dept. of Computer Science & Engineering and Electronics & communication for NBA visit. In this regard the head of the department of Computer Science & Engineering and Electronics & communication briefed about the progress of all criteria by Presenting SAR.

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Departments to organize seminar / workshops on Professional Ethics & Code of conduct.

- IQAC coordinator informed that departments have planned to organize seminar / workshopon professional ethics & code of conduct.

Faculty members to inculcate at least one innovative methodology in the Teaching- Learning process.

- Discussion on Innovative Teaching- Learning methodology was held, members suggested that a few innovative methods need to be identified and ask the faculty members to include it in their teaching process.

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To enhance the number of activities through MoUs

- Members highlighted that, to plan some activities with the MoUs and include it in CoE.

- Mr. Tarun suggested that, to approach the industry / university collaborated with ourrequirements. Also mentioned that MoUs should not be one sided.

- Mr. Madwesh insisted that at the department level for each MoU, there should be RelationshipManagers, for coordinating.

The principal suggested that the departments brainstorm on these points and come up with their strategies and action plan. HoDs to present the same.

Every department has motivated the students, faculty and staff to take up the online certificationcourses to enhance their knowledge & skills.

- The summary of the same is depicted in the tabular column below:

Department Name	Count of online certification courses completed by Faculty	Count of online certification courses completed by students
Civil Engineering	2	23
Computer Science & Engineering	14	31
Computer Science & Engineering (AI-ML)	0	28
Electronics and Communication	3	12
Electronics and Instrumentation	2	4
Information Science & Engineering	4	50
Mechanical engineering	1	14
Robotics & Automation	2	20
MBA	4	-
MCA	**1**	53
Maths		-
Physics	-	-
Chemistry		-

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ACTIVITIES ORGANIZED DURING AY 2022-23

A good number of activities were organized for the AY 2022-23.
The details are as follows:

Activity No.	Particulars	Date
1	National Science Fair-22" was conducted between and was inaugurated by Padmashree Dr. A. S. Kiran kumar, Former Chairman, Indian Space Research Organization, Bengaluru. National Science Fair-22 embody Exhibition, Technical Talk, Hands on activity on Science, Technology, Education, Arts and Maths, Sky watch and HAM radio	21-7-2022 to 23-7-2022
2	Report on One Week Online Workshop on "Geospatial Analytics"	26-9-2022 to 30-9-2022
3	Two days workshop on Students Entrepreneur Awareness Workshops	09-11-2022 to 10-11-2022
4	Two Weeks Workshop on Robotic Operating System Organized by Department of Robotics & Automation in association with NEWRO ROBOTICS	26-12-2022 to 06-01-2023
5	National Science Week -2023 Celebration	21-02-2023 to 3-03-2023
6	Expert talk by Shri Hemanth Kumar Reddy N, Group Director, Space Navigation Group, URSC/ISRO on	03-03-2023
7	An expert talk on "University of Miyazaki and the Indian Academic Fiduciary Outreach" by Dr. Harishkumar Madhyastha	4 -02- 2023
8	one-day robot exhibition organized by the Department of Mechanical Engineering & Robotics and Automation Engineering	11-03-2023
9	SDP on Design Thinking for Strategic Innovations, Dr. Dinesh R , Principal Engineer, Samsung Pvt.Ltd., Bangalore	11-3-2023
10	one-day workshop on 'Capacity Building in R & D' for all the faculty members and research scholars of the institute is organized on	16-03-2023
11	A seminar on Career opportunities for Foundation Course on Railway Electrification was organized by the Department of Electronics and Instrumentation Engineering on at JSSATEB, by Mr. VLN Sastry, Training Manager & Facilitators and team, e2E Rail Village at Yelahanka, Bengaluru	18-4-2023

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Social Service Activities

Sl No	Date	Time	Place	Name of the Activity / Remarks
1	31-05-23 to 03-06-23	9.00am to 4.00 pm	Higher Primary School, Agara, Kengeri Hobli, Bengaluru	Teaching activity towards Child Friendly Village under Amrutha Samudhanya Abhivrudhi Yojane
2	29-05-23 to 05-06-23	Online	Online	Drawing / Poster Making Competition
3	27-05-23	11.00 am to 1.00 pm	Banakshankari 6th Stage, 11th Block, Srinivaspura, Bengaluru.	Environmental Awareness Rally
4	27-05-23	9.00 am to 11.00 pm	JSSATE, Bengaluru	Swachh Bharath Abhiyan
5	28-04-23	8.30 am to 4.30 pm	Bio-park, Bengaluru University	Rain harvesting recharge pit creation
6	18-04-23 to 19-04-23	8.30 am to 4.30 pm	Bio-park, Bengaluru University	Survey of Bio-park for rain harvesting
7	14-04-23	6.30 am to 4.30 pm	Savandurga State Forest	Plantathon
8	30-03-23	11.30 am to 3.30 pm	JSSATEB	Safe Riding Awareness Camp
9	29-03-23	8.00 am to 4.00 pm	Yuvapatha, Jayanagra, Bengaluru	Impact of Green Campus Project
10	24-03-23	2.00 pm to 4.00 pm	JSSATEB	G-20 Activities – Crossword Competition on "G 20 the Presidency of India"
11	21-03-23 to 30-	9.00 am to 1.00 pm	JSSATEB	Anti Ragging Awareness Campaign

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	03-23			
12	10-03-23	9.00 am to 2.00 pm	Agara Village	Distribution of Govt cards to the beneficiaries of Agara Village
13	24-02-23	2.00 pm to 5.00 pm	JSSATEB	G-20 Activities – Drawing Competition on the theme "One Earth One Family and One Future"
14	08-02-23 to 14-02-23	8.00 am to 6.00 pm	Agara and Huluvenahalli Villages	Village Survey Camp
15	07-02-23	10.00 am to 2.00 pm	JSSATEB	Medical Checkup Camp
16	30-01-23	9.30 am to 11.30 am	JSSATEB	Medicinal Plants Garden
17	26-01-23	8.30 am to 11.30 am	JSSATEB to RR Nagara	Patriotic Run
18	26-01-23	8.30 am to 11.30 am	JSSATEB	Republic Day
19	25-01-23	11.00 am to 11.30 am	JSSATEB	National Voters Day
20	21-01-23	7.00 am to 2.00 pm	Adopted Govt Schools: Aagara, Thathaguni, Banjarapalya, Muthurayanagara and Mallathahalli	Green Campus Project - Conduction of Competitions at adopted Govt Schools:
21	18-01-23	9.00 am to 1.00 pm	DAMP R V Dental College, Bengaluru	Yuva Sambhashane with Honorable Chief Minister
22	17-01-23	10.00 am to 11.30 pm	JSSATEB	Seminar on "Successful life through Elevated minds" by Bhrama Kumari Megha Deep
23	17-01-23 to 23-01-23	7 Days	Belagavi	NSS National Integration Camp

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24	14-01-23	11.00 am to 12.00 noon	JSSATEB	EK Bharath Shreshta Bharath Sankranthi Festival
25	12-01-23	7.00 am to 3.00 pm	Ramakrishna Matt, Basavanagudi, Bengaluru	National Youth Day
26	26-12-22 to 21-01-23	7.00 am to 2.00 pm	Adopted Govt Schools: Aagara, Thathaguni, Banjarapalya, Muthurayanagara and Mallathahalli	Green Campus Project
27	21-12-22 to 30-12-2022	9.00 am to 4.45 pm	JSSATEB	Voter Registration Campaign
28	22-12-22	10.00 am to 5.00 pm	Kengeri, Bengaluru	Warm Cloth Donation Drive
29	12-12-22	10.00 am to 5.00 pm	JSSATE Bengaluru	Blood Donation Camp
30	26-11-22	12.00 noon to 12.30 pm	JSSATE, Bengaluru	Constitution Day
31	24-11-22	2.00 pm to 4.30 pm	JSSATE, Bengaluru	Communal Harmony Campaign Week Competitions
32	24-09-22	11.30 am to 1.30 pm	JSSATE, Bengaluru	NSS Day Celebration
33	20-08-22	12.00 noon to 12.30 pm	JSSATE, Bengaluru	Sadbhavana Diwas
34	13-08-22 to 15-08-22	Online Mode	JSSATE, Bengaluru	Har Ghar Tiranga
35	04-08-22 and 15-08-22	2.00 pm to 6.00 pm and 8.00 am to 10.00 am	JSSATE, Bengaluru	Azadi Ka Amrit Mahotsav Competitions
36	07-07-22	4.30 pm to 6.00 pm	JSSATE, Bengaluru	Vanamahotsava

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37	26-06-22	5.30 am to 12.00 noon	Bengaluru	Drug Awareness Walkathon
38	21-06-22	6.00 am to 8.00 am	JSSATE, Bengaluru	International Yoga Day
39	21-06-22	2.00 pm to 5.00 pm	JSSATE, Bengaluru	Cartoon Writing Competition
40	15-06-22	9.00 am to 5.00 pm	JSSATE, Bengaluru	Blood Donation Camp
41	08-06-22	2.30 pm to 4.30 pm	JSSATE, Bengaluru	Save Soil Awareness Program