



JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING, SHIMOGA

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Date: 6.5.2019

Proceedings of the 25th Meeting of IQAC, held in the Meeting Hall, AD Block at 4.00 PM on 2.5.2019

1. Members Present:

<u>Sl. No.</u>	<u>Name</u>	<u>Designation</u>	<u>Dept.</u>	<u>Remarks</u>
1.	Dr. H. R. Mahadevaswamy	Principal	-	Chairman
2.	Dr. S. V. Sathyanarayana	Professor	ECE	Coordinator
3.	Dr. L.K. Sreepathi,	Vice Principal	Mech.	Member
4.	Dr. M. G. Krishnamurthy	Professor	MBA	Member
5.	Dr. K. M. Basappaji	Professor,	Mech	Member
6.	Dr. C. G. Hemamalini	Professor	Civil	Member
7.	Smt. Savitha Madhav	Manager-H R	NES	Mgmt. Nominee
8.	Ms Prateeksha M Badal,	-	4 th MBA	P G Student Rep.
9.	Mr. Koushik R Udupa	-	8 th ECE	U G Student Rep.

Prof. R. K. Baliga, Assoc. Prof.,Phy., Sri. Rajendra Prasad , Entrepreneur, Alumni Rep, Smt. Rashmi Sooryanarayana, Centre Head, Industry Nominee, Sri. N G Ajjanna, Asst. Professor, EEE, Research Scholar {Members} were granted leave of absence.

2. Agenda:

- 1.Initial remarks by the Principal/Chairman-IQAC
- 2.Review of previous meeting proceedings and action taken
- 3.Updates
- 4.Establishing Industry attached Laboratories
- 5.Partial delivery of appropriate courses by industry experts
- 6.Participation and contributions in teaching and learning and /or research by visiting/adjunct/Emeritus faculty
- 7.AQAR submission
- 8.Skill Development Training to Administrative / Technical / Supporting Staff
- 9.Any other topic with the permission of the chair

3. Proceedings:

1. After welcoming all the members to the meeting, the IQAC Coordinator placed before the members the agenda of the meeting, which was already circulated along with the meeting notice.
2. The Chairman-IQAC (Principal), formally welcomed the members to the second meeting of this year, and in his initial remarks, presented briefly the highlights of the agenda of the meeting. He informed that Agenda No. 4, 5 & 6 were very important in the changing needs of the academic process. He also informed that AQAR had to be submitted this year in the month of October.
3. IQAC Coordinator gave a brief review of previous meeting proceedings and the action taken thereon:
 - A. Academic and Administrative Audit:

- Internal Audit Core Committee was constituted:

Dr. L. K. Sreepathi	Chairman
Dr. S. V. Sathyanarayana	Convener
Dr. M. G. Krishnamurthy	Member
Dr. Sabeel Ahmed	Member
Dr. Jalesh Kumar	Member
- The meeting of Internal Audit Core Committee was scheduled on 13.5.2019 at 4.30PM to prepare and finalize the audit check list.
- Identification of members for External Audit Team was under process.

B. Relook and follow up of Academic Process Improvement

- Academic Monitoring committee would visit the departments monthly once and audit the academic files of the department.
- Effective Student Mentoring
 - Student mentoring process was prepared and sent to departments –
Annexure - I. All the faculty members are mentoring the students based on these guidelines. The process is continuously monitored by AMC
- Process of Identification of Bright and Weak Students was defined and circulated to departments - **Annexure - II**
- Process of encouraging Bright Students and handling Weak Students was also drafted and communicated to all the departments - **Annexure - II**
- Preparatory Exam for I Year Students: Meeting of faculty members handling first year classes along with HoDs was convened on 4th April 2019 at 4.00PM. It was decided to consider 3rd test itself as Preparatory Examination for first year.

4. IQAC Coordinator presented updates and important programs conducted in the institution and at department level:

- a) **MoUs:** MoU was signed with RVCE, Bangalore on 5th April 2019 to set up Nodal Centre of RVCE CISCO CoE in IoT.

Objectives:

- To train around 5000 students in Karnataka per year
- To set up Nodal Centres at various regions of Karnataka
JNNCE Nodal Centre caters the students of Shimoga, Chickmagalur, Davangere, Chitradurga, Hassan and Mangalore regions; Another Nodal Centre was set up at GIT, Belgaum

Expected Outcome:

- Faculty Training at RVCE
- Internship for students at RVCE or at Nodal Centres
- Handholding by CISCO professionals
- Campus placement

As an immediate outcome of this MoU, Internship for 6th sem. Students was planned at JNNCE campus from July 1, 2019

b) JNNCE bagged Four VTU Ranks in PG Courses:

Sl.No.	Name	Department	Program	Rank
1.	Rashmi V	Computer Science & Engg.	M.Tech	5 ^h
2.	Nagashruthi Shivakumar	Transportation Engineering & Management	M.Tech	1 st
3.	Abhinag	Transportation Engineering & Management	M.Tech	2 nd
4.	Pruthviraj S	Management Studies	MBA	7 th

c) **Journal & Newsletter:**

- The **Fourth issue** of JNNCE Journal of Engineering & Management (Vol. 2-No.2 - covering the period: July-December 2018) was released on 23.4.2019.
- CALL FOR PAPERS for the FIFTH issue - Volume 3, Issue1, January-June 2019 was released on 24.4.2019
- JNNCE News letter was released on the occasion of the inaugural program of Techzone - 2019 on 26.4.2019

d) **Programs organized by the departments:**

I. **Student Enrichment Program by Civil Engineering Department:** *Invited Talk and demonstration on Fire Brigade Practice by Fire Station Professionals on 16.3.2019*

Resource Person: Sri. B R Ashok Kumar, District Fire Officer, Karnataka Government Fire & Emergency Services, Shivamogga

Participants: Students of 4th and 6th and 8th sem / Faculty members

II. **Student Enrichment Program by Mechanical Engineering Department:** *One day workshop on “Induction Hardening” in association with Mechanical Engineering Association (MEA) & Institute of Indian Foundrymen, Shimoga on 13th March 2019*

Resource Persons: Sri. Damodar Baliga, Director, Vasavi Technocrats Pvt. Ltd., Sri. Sharath B S, Director, Technorings, Shivamogga, Sri. Benakappa D G, Chairman IIF Shimoga Chapter, Mr. Balawat S C, Foundry Consultant, Mysore.

Topics Covered: Induction Hardening & Heat Treatment Process in Industry, Opportunities in Shimoga for Mechanical Engineers, Institution to Industry ; Interaction with Industrialist's

Participants: Students of 6th and 8th sem / Faculty members

III. **Student Enrichment Program by Electronics & Communication Engineering Department:** *Women Health Awareness Program under “Swasth Bharath Yojan” was organized on 26.2.2019 and 18.3.2019 on the occasion of International Women’s Day.*

Resource Person: Dr. Purushottam Pradeep, CEO, Indo Asia Cervical Cancer Prevention

Participants: Girl Students of 2nd Year and 3rd Year

The department had also organized an Industrial trip to Master Control facility, Hassan for 6th semester students of ECE on 29/3/2019 and Varahi Power Plant for 4th semester students of ECE on 12.4.2019.

IV. **Student Enrichment Program conducted Computer Science & Engineering Department:** *A Two day workshop on " Developing Android Apps with Kotlin " organized by COSMOS – 2019 forum from 16.03.2019 to 17.03.2019*

Inaugurated by: Dr. H R Mahadevaswamy, Principal

Resource Person: Chetan K R, Asst. Professor, CSE

Participants: Students of CSE Dept.

Outcome:

- Complete hands on session in the lab with development of real time android application and deployment on the android smart phones.
- Students were exposed to various apps like Navigation Drawer, Spinners, Snack Bars, Notifications, Event Handling, Goggle Maps and SMS/WhatsApp communication

V. **Student Enrichment Program by Telecommunication Engineering Department:** *One day National Level Workshop on “Women Empowerment in Higher Education” on Monday, 29th April 2019*

Chief Guest / Resource Persons: Mrs.Shantala Damle, Founder-CEO, Avala Hejje, Bangalore & Ms Lekha Naidu, Creative Director, Avala Hejje, Bangalore
Events conducted: Lectures, Group Discussions, Role Play, Games & Panel Discussions

Participants: Students of 6th and 8th sem / Faculty members

Program Outcomes: Building Confidence, Networking with Successful Women, Techniques to tackle Obstacles

VI. Student Enrichment Program by Information Science & Engineering Department: *Inauguration of Institution CSI-Student Chapter and Student Development program on IoT on 29.4.2019*

Chief Guest: Prof. M S Veerendrakumar, Chairmen, CSI Mysore

Participants: Students of ISE, CSE and MCA Dept & faculty members

Outcome: Hands on sessions on Applications of IoT

VII. Student Enrichment Programs conducted MCA Department:

- *Workshop on Hardware Components & PC Assembling* for II Sem MCA Students conducted by Mr. Suresh G N, Instructor MCA Dept, JNNCE 15th March 2019
- *Two Days Student's Development Program(SDP) on IOT Applications* conducted by MCA 2010 Batch Alumni Mr. Raghupathi S, Proprietor, Step-In Technologies Shivamogga on 30th & 31st March 2019
- *One Day Student's Development Program(SDP) on Python with Django* conducted by MCA 2010 Batch Alumni Mr. Sandeepa Pateel G C, Sr. Software Engineer, Liveserv Technologies Bangalore on 16.3.2019

VIII. Student Enrichment Program by MBA Department: Management Club: Uttana 2019: A State level Management and Cultural Fest on 8.3.2019

Inaugurated by: Quiz Master Dr. Na Someshwar

Participants: 322 UG Students from 22 different colleges of Karnataka

No. of Events conducted: 13

IX. Programs conducted by Centre for Innovation and Entrepreneurship (CIE)

1. Awareness Programme on Jagriti Yatra & Sustainable Enterprise Award on 30.3.2019

Chief Guests: Sri. Amith Kalukhe, Awareness Manager, Jagriti Yatra & Sri. Santosh Kumar S V, Jagriti Ambassador for District Entrepreneurs

Outcome: Awareness was created to around 120 students on Jagriti Yatra & Sustainable Enterprise Award initiatives of Jagriti Seva Sanstan supported by Coco Cola

2. Awareness Programme & Debate on "Energy Efficiency & Conservation" sponsored by Karnataka Renewable Energy Development Limited (KREDL), Govt. of Karnataka on 05/04/2019

Chief Guests: Sri. Dinesh Kumar D K, Project Engineer, KREDL, Mysore & Sri. Anil Kumar, Founder, Rachana Ener Care, Mysore

Participants: Around 175 students from 4th, 6th & 8th Semesters of EEE Dept.

X. Parents meets were organized by all the Engineering departments during second week of April 2019

XI. Co-Curricular & Extra Curricular Activities

1. Institution of Engineers (I) Students Chapter organized 3 – Day Technical Symposium TECHZONE 2019 during 26th Apr. 2019 to 28th Apr 2019

Inaugurated by: Sri. Vinay S Joshi, Director, Volmac Components, Shimoga

Valedictory Address: Mr. Manjunath R, Airport Director, Airport Authority of India, Mysore

- Total Events: 28

- **CSE/ ISE:**DB Mania,Code Soccer,Passion fest with 'C',Crypt your mind
- **CIVIL/ ENV:** Model Mania,Be a Surveyor,Draft Mania,D-Con-cube
- **ECE/TCE/EEE:**Circuitrix,Microelectronica,Avishkar,Tantrayyan
- **ROBOTICS:** Dead Metal,Maze Runner,Autobots,Speed-0-track
- **MECH/ IP/AUTO:**Aakruthi,Devest –invest
- **GENERAL EVENTS:**Mr. & Mrs. Techzone,Chakravyuha,Andro-Invento,Start-Up 4.0, Innoviz ,Debate,Tech_No _ phobia,Smart malenadu 19.0,Mathlete Challenge
- **PRASTUTI:** Paper Presentation

2. Institution celebrated *Annual Cultural Fest* during 25th Apr. 2019 to 27th Apr. 2019

- *During this event students celebrated Ethnic Day, Sports Day and Grand Cultural Evening*

- *Meritorious Awards were distributed to academic achievers:*

The Management – National Education Society was encouraging meritorious students of our institution by instituting Cash Awards for excelling in the University examinations. These awards were based on the aggregate score in the academic year as follows:

- *Cash Award of Rs. 25,000/ for securing CGPA of 9.5 and above*
- *Cash Award of Rs. 5,000/ for securing CGPA of 9.0 to 9.5*
- *Cash Award of Rs. 1000/ for securing CGPA of 8.5 to 9.0*

These cash awards were distributed to meritorious students during JANVEY-2019, on 27.4.2019. It was placed on record that, this time in total **149 students** received the cash awards, totaling to **Rs. 3,69,000.00/-**

3. a. *SPORTS Achievements*

- Cricket (Men) team participated at VTU Central Karnataka zone Cricket Tournament held at JNNCE, Shivamogga from 12th to 15th March 2019 & Secured First place qualified for Inter zone.
- Volleyball (Women) team participated at VTU Rest of Bangalore zone Volleyball Tournament held at NMAMIT, Nitte on 15th & 16th March 2019 & Secured Third place qualified for Inter zone held at NMAMIT, Nitte on 18th to 19th March 2019 & Secured Fourth Place
- Football (Men) team Participated at VTU Central Karnataka zone Football Men tournament held at SIT, Tumkur on 22nd & 23rd March 2019 & Secured First place qualified for Inter zone.
- Handball (Men) team participated at VTU Central Karnataka zone Handball Men tournament held at JNNCE, Shivamogga on 2nd & 3rd April 2019 & Secured First place qualified for Inter zone.

b. *Tournaments Organized:*

- VTU Central Karnataka zone Volleyball tournament for Men Organized by JNNCE, Shimoga on 10th & 11th March 2019.
- VTU Central Karnataka zone Cricket tournament for Men Organized by JNNCE, Shimoga from 12th to 15th March 2019.
- VTU Central Karnataka zone Handball tournament for Men Organized by JNNCE, Shimoga from 2nd & 3rd March 2019.

4. *Achievements of JNNCE Cultural Team Ekhyam*

Participated in the Sahyadri Siri Cultural Event hosted by Sahyadri College of Commerce, Shivamogga on 16th March 2019 and secured 1st runner up award out of 17 different colleges participated.

The prizes won in different events are:

1. Solo Western dance- 1st place & 2nd place (Ajay Pawaskar & Vishnu Poduval)
2. Elocution- 1st place (Mohammed Mehran)
3. Photography – 3rd place (Pranava)

4. Skit- 2nd place (Pavitra & Team)
5. Group Dance (Western) -1st place (Poornima &Team)
6. Group singing- 1st place (Shreeraksha & Team)
7. Anchoring- 1st place (Rakshitha)

e) NBA Process - Status

- All the departments were preparing Self Assessment Report – SAR
- Review of Version-0, Version-1, Version-2 and Version-3 of SAR was completed.
- Decided to invite Expert from Outside for reviewing SAR prepared by departments during 2nd or 3rd week of May 2019.
- Plan of action:
 - Pre-Qualifier Submission: 24-27 May 2019
 - SAR Submission: -22-25, Jul 2019
 - Dates for External Expert Review: 16, 17, 18, 20, 21 May 2019

b. Campus Recruitment Status

Organization	No. of Offers	Packages in Rs. Lakhs p.a.
TCS	63	3.34
SLK Software	10	2.80
Crimson Logic	05	4.00
Mphasis	02	2.50
Advance India	02	3.75
Tata Elexi	16	4.00
Robosoft	02	3.50
Nano Source Technologies	04	2.5
Wipro Technology	10	3.50
TEK SYSTEM	01	6.00
Silverpeak Global	34	16.00
Cognizant	04	3.38
ABC for Tech	04	2.40
Infosys	25	3.60
Access6 Technologies	05	2.24
Cranes Software	04	2.8
Lowe's India	03	5.0
Attra Tech	01	4.5
NTT Data	02	3.5
Qspiders	19	2.4
Heraizen Tech	03	2.25
Ethnus	07	2.26
Tech Fortune	02	2.25
Cad Vision	01	2.26
Taj Hotel	01	2.16
Elevation	01	2.24
Total	231 out of 348 (66.38 %)	

5. Establishing Industry attached Laboratories

IQAC coordinator presented a brief overview of this subject:

Preamble: As per NBA guidelines, every department is required to have industry-supported Laboratories

Benefits:

- Industry Alliance
- Students will be exposed to industry-oriented practical skills

- Internships & Placements

Proposal:

Each Dept. could talk to their Alumni and take their help to establish an Industry-attached Laboratory

Later IQAC coordinator requested chairman to elaborate on the subject. The Principal observed that in the present academic scenario, it was always advisable to have Industry alliance and train the students regarding the industry requirements so that the students would be industry-ready. He felt that it would improve placement opportunities. He quoted the outcomes and discussions of Principals' meeting with Vice Chancellor at VTU, Belagavi on 30.4.2019 and informed that the VC instructed all the colleges to conduct programs inviting Industry Professionals and establish relation with industries. He suggested each department to work towards establishing the industry-associated labs and he assured that any feasible proposal would be considered by the Institution.

Decision:

1. All the members endorsed the proposal and it was decided to mandate all the departments to make sincere effort with the help of their alumni to establish at least one industry-associated lab in the near future.
2. It was decided to direct Research committee to follow up this process, collect the proposals from each department, scrutinize and forward to Principal for approval.

6. Partial delivery of appropriate courses by industry experts

IQAC coordinator placed a brief overview and proposal about the agenda:

Preamble: As per NBA guidelines, every department was required to organize Lectures from industry experts for Partial delivery of appropriate courses.

Benefits:

- Improving Quality of Teaching – Exposed to Real Time Skill sets
- Industry Alliance
- Students will be industry-ready
- Internships & Placements

Proposal for recommendation:

In each semester, for at least for two courses, part of course content could be delivered by an Industry Expert / Expert by Research organizations

Dr. L. K. Sreepathi opined that it could be possible to identify at least two courses in each semester, in which a part of the curriculum could be delivered by industry professionals.

Decision:

1. All the members endorsed the proposal and it was decided to mandate all the departments to make an effort to identify at least two courses where a part of the curriculum could be delivered by industry professionals.
2. It was decided to direct Academic Monitoring Committee to follow up this process, collect the proposals from each department, scrutinize and forward to Principal for approval before the commencement of the next academic year.

7. Participation and contributions in teaching and learning and /or research by visiting/adjunct/Emeritus faculty

IQAC coordinator placed a brief overview and proposal about the agenda:

Preamble: As per NBA guidelines, every department can have participation and contributions by visiting/adjunct/emergitus faculty in teaching and learning and /or research.

Benefits:

Improving Quality of Teaching – Exposure to recent topics – exposure to research issues

Proposal: Each department could identify visiting/adjunct/emeritus faculty

Members discussed the feasibility of identifying and suggesting an expert faculty emeritus / visiting so that Student to Faculty Ratio could be improved and quality content delivery in some courses could be achieved. Some members referred to AICTE guidelines in this regard.

Decision:

1. All the members endorsed the proposal and it was decided to mandate all the departments to make an effort to identify one visiting/adjunct/Emeritus faculty from their known contacts, subject to vacancies existing in the Dept.
2. It was decided to direct the departments to submit the proposals to Principal for further processing and approval.

8. Submission of Annual Quality Assurance Report (AQAR)

IQAC coordinator placed a brief overview and proposal about the agenda:

1. NAAC has revised the Guidelines for the Creation of the Internal Quality Assurance Cell (IQAC) and Submission of Annual Quality Assurance Report (AQAR) in Accredited Institutions from the year 2018-2019. The revised guidelines have come into effect from 1st July 2018.
2. As per the revised Guidelines for Creation of the Internal Quality Assurance Cell (IQAC) institutions need to submit the Annual Quality Assurance Report (AQAR) online through in NAAC website.
3. Submission Deadline: October 2019

Proposal:

To convene NAAC Core Committee Meeting in the first week of June 2019

IQAC coordinator presented the complete Performa of AQAR and informed that the AQAR contained all the ten criteria of SSR. He also told that the online submission process need to be familiarized and he requested all the members to extend their help and involvement in the preparation of AQAR.

Decision: All the members endorsed the proposal and it was decided to convene NAAC Core Committee Meeting in the first week of June 2019 and assign the work to the members.

9. Skill Development Training to Administrative / Technical / Supporting Staff

IQAC coordinator placed a brief overview and proposal about the agenda:

Topics:

1. Role of Non teaching staff in the changing scenario in Engineering colleges – 1 hour
2. Office Communication / Managerial Communication – 4 hours
3. Presentation Skills
4. Email Etiquette
5. Meeting Etiquette & hands on session to make proceedings
6. Negotiation Skills & Conflict management
7. Dress Etiquette
8. Telephone Etiquette
9. MS – Office – hands on sessions
10. New techniques to be adopted by non teaching staff – adding value in labs
11. Civil , Mech, EEE, ECE , CSE+ISE+TCE (seperate sessions for circuit branches and non- circuit branches)
12. Outbound training program – 1.5 hours

Tentative trainers : Trainers from in-house and external will be identified to deliver the trainings

Proposed timeline: June 2nd week (3 days training program)

Expected number of participants: 30-40

IQAC coordinator requested Ms. Savitha Madhav to elaborate on the agenda. She expressed that role of non-teaching staff for quality improvement was very important. Hence, training on various topics listed above was drafted.

The Principal, while expressing his views about this program, observed that it was important to change the mindset of the staff to make them work with passion and a sense of belongingness. Hence, he suggested that it would be better to have motivational sessions initially. He also suggested arranging workshops / field visits / in-house assignments immediately after the training during vacations.

Decision: It was decided to arrange 3 – days training program during 2nd week of June 2019 and Ms. Savitha Madhav to coordinate the program.

10. Upcoming Events

IQAC Coordinator presented the list of Upcoming Events as below:

1. Graduands Day : 15.5.2019
2. Global Alumni Meet 2019: 18.5.2019
3. Project Exhibition: 20.6.2019

11. Any other points

Dr. L. K. Sreepathi conveyed the opinions of most of the first year faculty to reschedule the second test because of the lack in coverage of syllabus due to the continuous holidays in the month of April 2019.

Decision: It was decided to reschedule the second test for 2nd sem to 17, 18, 19, May 2019.

As there was no other subject, the meeting concluded, with the Coordinator thanking all the members for their active participation.


(Dr. H. R. Mahadevaswamy)
Principal & Chairman IQAC

To:

All the members and HODs of all the departments