JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING, SHIMOGA

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Date:27.9.2018

Proceedings of the 20th Meeting of IQAC, held in the Meeting Hall, AD Block at 4.00 PM on 25.9.2018

1. Members Present:

Sl. No.	Name	Designation	Dept.	Remarks
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.	Prof. R. K. Baliga	Assoc. Prof.	Phy	Member
7.	Dr. C. G. Hemamalini	Professor	Civil	Member
8.	Smt. SavithaMadhav	Manager-H R	NES	Mgmt. Nominee
9.	Mr. Koushik R Udupa	-	7th ECE	U G Student Rep.

Sri. Rajendra Prasad (Alumni Rep.), Rashmi Sooryanarayana (Industry Nominee) Prateeksha M Badal, 3rd MBA P G Student Rep., 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. Domain skill based placement training
5. Changing nomenclature of Telecommunication Engineering Course
6. Centralized Internal Assessment conduction for First Year UG course
7. Preparatory Examination for First Year UG course
8. 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) in his initial remarks presented briefly the highlights of the agenda of the meeting. He requested all the members to give their valuable inputs on the topics of the meeting so that it could be communicated to the department level for implantation.

3. IQAC Coordinator gave a brief review of previous meeting proceedings and the action taken thereon:
    a. Quality initiatives in teaching learning process:
        - Remedial classes/ corrective action were being planned after analyzing the first IA marks
        - Peer learning was being practiced in some departments
        - HoDs interaction with first semester was scheduled
        - Dr, M. G. Krishnamurhthy shared a document regarding quality initiatives which would be circulated to departments
    b. Quality initiatives in Event Organization:
        - In Google drive various templates / sample copies regarding event organization process was shared to all the faculty members
        - Guidance / scrutiny support from IQAC was being provided regarding event organization
4. IQAC Coordinator presented updates and important programs conducted in the institution and at department level:

    a. **Lateral Entry Admission Statistics: 2018-19**

Sl. No	Branch	CET	MQ	Total	PMSSS
1	Civil	21	11	32	1
2	Mech	22	05	27	2
3	EEE	12	02	14	0
4	ECE	23	04	27	0
5	TCE	02	00	02	0
6	CSE	23	02	25	0
7	ISE	05	00	05	0
	Total	**108**	**24**	**132**	**3**

Lateral Entry admission was reported as 76% along with 24 seats of admission against unfilled seats of first year admission 2017-18 and the members appreciated the efforts of the admission committee.

    b. **MoUs**
        - MoU was signed between Malnad Alloys and JNNCE
        Outcome: Internships and Final year projects for UG and PG students, Technical consultancy opportunities for staff members in the area of foundry, bio fuel, energy, and other areas.
        - MoU was signed between Sorgen Systems, Hyderabad & JNNCE
        Outcome: Internships and Final year projects for UG and PG students, organizing Workshops on state-of-the art technologies
        As part of this MoU, Two days workshop on IoT for TCE, ECE, MCA students was arranged on 15.9.2018 and 16.9.2018.
        Participants: 60+ students from ECE & TCE

c. **Programs organized by the departments:**

    (i) State Level Hackathon Competition by NAIN, Centre on 4.9.2018 & 5.9.2018

        Support: Dept. of Information Tech., BioTech., Science & Tech., Govt. of Karnataka

        Inauguration: Sri. K S Dayanand, Deputy Commissioner, Shivamogga

        Resource Person: Mr. Dheer Lalit Gupta, Co-Founder, Green Bubbles, Start-Up Services, Bangalore

        Participants: Selected students from NAIN Centre, BIET, Davangere, Sir M V Science College, Bhadravathi and JNNCE – 130+ participants

        Program: Entrepreneur talks, Overnight Hackathon, Session on Business Plan Canvas, B-Plan presentation by participants, Panel Discussion on Startup Ecosystem in Tier 2/3 Cities

        Valedictory Address: Sri. D. S. Arun, Ex-President, Chamber of Commerce, Shivamogga

        Outcome: Participants were exposed to the importance of incubators, practiced writing business plans for their idea, validated their idea, motivated by experiential sharing & Entrepreneur talks by NAIN Alumni

    (ii) Dept. of Physics organized Two days Science Academies Lecture Workshop on "Emerging Trends in Nano Science & Nano Technology on 7th and 8th September 2018

        Inauguration: Dr. Giridhar U Kulkarni Director, Centre for Nano and Science Matter Sciences, Bangalore

        Resource Persons: Five Eminent Scientists in the area of Nano Science

        Delegates: 100+ participants with 20 faculty members from JNNCE and other colleges

        Outcome:

- Created a platform for research scholars in the area of Nano Science & Nano Technology to share and discuss their research work.
- Provided an opportunity for the delegates to enhance their knowledge in the area of Nano Science & Nano Technology

    (iii) Chirantana Green Technology Centre organized 13th year "Parisara Jagruthi Dinacharane" on 8th September 2018.

        Participants: 300+ students from 36 schools and colleges of Shimoga

        Outcome:

- Sri Aurobindo School Javalli was awarded with "Chiranhana Hasiru Shale"
- Participants and faculty mentors of were exposed to various programmes and green initiatives of Chirantana Green Technology Centre

        Coordinator: Mr. H. K. Pradeep, Associate Professor, ISE Dept

        Guidance: Dr. L. K. Sreepathi

    (iv) Make in Shivamogga Event by NAIN, Centre on 19th Sept. 2018

        Resource Person: Sri. S. V. Venkatesh, Advisor to Ministry of Skill Development & Entrepreneurship

        Participants: 200+ students

Outcome: Students were exposed to various opportunities, support for innovators & startups

(v) Talk on DXC Dynamic Talent cloud : 14.9.2018

Mr.Sreekanth Arimanithaya - Senior Vice President- Global Integrated Workforce Management and Co-Managing Director, INDIA DXC. Technology, Abrar - Director of Operations, Babitha P - University connect lead visited the campus along with Ms. Rashmi Sooryanarayana, Centre Head DXC Technologies. Mr.Sreekanth Arimanithaya delivered a talk on the newer concept DXC Tech. - DXC Dynamic Talent cloud and explained some of the novel business & technology trends like Freelancing, Uberization of services etc. Students of ECE, CSE & TCE branches attended the session and well appreciated the presentation

Expected outcome: 5th and 7th Sem students (CSE, ISE, ECE, TCE) can get a chance to work with DXC on latest technologies as Interns and possibility for Placement

d. **Achievements:**
- JNNCE Men Team secured first place in VTU Central Zone table Tennis Tournament held at KIT, Tiptur
- JNNCE Men Team secured second place in VTU Central Karnataka Zone Basketball tournament held at PESITM, Shivamogga

e. **Placement Drive:**
- Tata Consultancy Services, Bangalore
  Total Students Appeared:330
  Shortlisted for interview: 98
  Offers given: 63: CSE: 23, ECE: 20, ISE – 12, Mech:3, Civil:2,   TCE: 1, MCA:2
  Feedback: TCS professionals informed that technical skills of the students have to be improved.
- SLK Software
  Total Students Appeared:190
  Shortlisted for interview:23
  Offers given: 10: CSE:04,ISE:03,ECE:1,TCE:1, Mech:1
- Elient Labs:
  Total Students Appeared:102,
  Shortlisted for interview:52
  Technical Interview: 26.9.2018

f. **Infrastructure**
- IT Infrastructure
  150 computers are added
  WiFi was connected in SJB, Lib, CSE, AD Block
- Sir MV Seminar Hall was inaugurated (old Lib building) on 15.9.2018 – Dept of Civil Engineering : Seating Capacity: 120, useful for small functions
- Some of the Labs are shifted to Library Building
  As a result of this, additional class rooms were made available in SJB & STEP Block

g. Upcoming major Event

Department of Civil Engineering organizes an International Conference on Emerging and Sustainable Trends in Civil Engineering during 27-28 September, 2018

5. **Domain skill based placement training**
   a. IQAC Coordinator presented following points as the background of the agenda:
      - Feedback from companies already visited – Technical skills of the students were to be improved
      - Placement percentage is poor
   b. IQAC chairman made a remark that the placement target for this year would be 500. In this context, he elaborated on the need of domain specific skill training and sought the inputs / plans from the members. He also gave the details of opening in the area of MEP in India as well as abroad.
   c. Ms. Savitha Madhav proposed the idea of getting the skills required from the alumni working in various companies
   d. Dr. K M Basappaji proposed that Finish School Approach could be used to train the students in the particular domain. Also, he proposed that different types of the jobs available could be gathered and with reference to that trainings could be arranged.
   e. IQAC chairman proposed that the various student groups could be formed and training could be arranged to those groups in the identified skills expected by the companies visiting the campus. Also he proposed to nominate student coordinators to coordinate this activity.
   f. Mr. Karthik Udupa told that the students would not be aware about domain specific skills required and possibility of updating themselves with such specific trainings.

   Decision: The following decisions were taken:
      - It was resolved to design a template for process of preparing the domain specific skill sets and mapping the companies to that skill set and to circulate to all departments
      - It was decided to direct the placement committee to plan and coordinate this event in consultation with the respective departments
      - It was resolved to immediately plan this training for final year students and for the second and third year students in the beginning of next semester

   Action:
      - IQAC to design a template for process of preparing the domain specific skill sets and mapping the companies to that skill set
      - Department placement coordinators to prepare skill set and plan for the training

6. **Changing nomenclature of Telecommunication Engineering Course:**
   a. IQAC Coordinator presented following points as the background of the agenda:
      - The statistics of admission of past 3 years in Telecommunication Engineering of our institution has decreased.
      - 90% of The subjects in Telecommunication Engineering is similar to Electronics and Communication Engineering
      - Some of the companies (L&T,NXP-Semiconductors, Robert Bosch, Cypress Semiconductors, Siemens, Nokia, IBM-GBS, etc.) are not allowing Telecommunication Engineering students for campus recruitment. This is

limiting opportunities to TCE students and thereby affecting the admissions as well as their career.

- As per Gazette of India (Extraordinary) notification dated on 28th April 2017*(REGD. NO. D. L.-33004/99, Part-3, Section-4, Page No.30)* Major/core branches of engineering and technology with nomenclatures of UG and PG degrees relevant for recruitment in teaching positions in technical institutions have considered Telecommunication Engineering along with Electronics and Communication Engineering.
- Electronics and Telecommunication Engineering is the **approved nomenclature in AICTE**
- Discussed & resolved in the proceedings of the last BOS meeting of EC/TC Board and was sent to VTU.

b. As it is an approved nomenclature in the AICTE all the members agreed to change the nomenclature of Telecommunication Engineering Course as Electronics and Telecommunication Engineering.

7. **Centralized Internal Assessment conduction for First Year UG course**
   a. IQAC Coordinator presented following points as the background of the agenda:
      - Present IA format of first year UG – staggered I A conduction
      - Different question paper for the same subject which makes the CO Attainment process complex
      - As per NBA guidelines, the following process should be followed:
        - Conduction of Course Teachers meeting
        - Nomination of Course coordinator
        - Finalization of Portions to be covered for all the three IAs
        - Same question paper for a particular course across all sections
   b. **Decision:**
      - After the elaborate discussions about pros & cons, all the members resolved to conduct centralized test for the first year.
      - It was decided to call a meeting of teachers handling first year and discuss this process as per the NBA guidelines.
   c. **Action:**
      - Examination committee to call a meeting to formulate the guidelines and the schedule.
      - Prof. R. K. Baliga to coordinate the Centralized IA conduction along with Examination Committee

8. **Preparatory Examination for First Year UG course**
   a. IQAC Coordinator presented following points as the background of the agenda & proposal:
      - Failure rate in first year is more
      - Students are not exposed to the format of engineering examination
      - Preparatory exam would give them the idea
      - As the Last working day is on 17.1.2019, there is sufficient time to cover the portion
   b. Also IQAC Coordinator discussed the following:
      - Portions to be completed by the end of December 2018 because the 3rd test and preparatory exams are scheduled in first and second week of January 2019

- Tentative Schedule:
  10.1.2019 - Thursday, 11.1.2019 – Friday, 12.1.2019 – Saturday, 14.1.2019 – Monday, 15.1.2019 – Tuesday

c. **Decision:** All the members felt that it is better to conduct Preparatory Examination for the first year students. The following decisions were taken:
- Teachers handling the first semester to be informed to complete the portions by the end of the December 2018.
- To consider the marks of the preparatory examination while finalizing the assignments. Suitable proportions of the marks could be finalized in he meeting of first year teachers.
- To design and supply separate answer book for preparatory examination.

d. **Action:** IQAC to design answer book for preparatory examination

9. The meeting concluded, with the Chairman 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