R.V. COLLEGE OF ENGINEERING
Bengaluru – 560059.

Proceedings of IQAC Meeting held on 09ᵗʰ March. 2018

Members Present:

1) Dr. K.N. Subramanya, Principal
2) Sri A. Krishna Reddy, Registrar
3) Sri. D.P. Nagaraj, Hon. Jt. Secretary, RSST.
4) Mr. S.K. Venkatesh, Admin Manager
5) Mr. Ganapathy Aithal, Accounts Superintendent
6) Prof. K. Vasudeva Banninthaya, Professor, Dept. of EEE
7) Prof. B. Anand, Professor, Dept. of ME
8) Prof. Nagashree N. Rao, Assoc. Professor, Dept. of BT
9) Prof. Ramaa A., Assoc. Professor, Dept. of IEM
10) Prof. Archana M.R, Asst. Professor, Dept. of CV
11) Dr. N.K. Srinath, Dean (Academics), Co-ordinator
12) Prof. S.C. Prasanna Kumar, Professor, Dept. of EIE

External Members:
14) Dr. M.H. Kori, Technology Consultant

Leave of Absence:
1) Dr. Sudarshan Rao, M/s. BigSolv Labs
2) Prof. U.H. Acharya, Professor, SQC & OR Unit, Indian Statistical Institute.
3) Mr. Girija Kolagada, Director, Software Development, Cloud Native Engg. Group & GBU, Oracle India Pvt. Ltd.

At the outset, the Principal welcomed all the members.

The Chairman introduced all the external and internal members.

Sub. No. 7: To read and record proceedings of the Sub No: 7 of previous meeting held on 02.11.2017 and consolidated proceedings of internal IQAC meetings held in this reference.

Extension meeting is scheduled in reference with subject No 7 of IQAC meeting held on 02 Nov 2017

Principal briefed about the discussions in reference with subject No:7 which was discussed in the previous IQAC meeting held on 02.11.2017. Further, briefed about the gist of the internal IQAC meetings held.

Henceforth, the discussion points under this Subject No: 7 & shall be referred as Item Numbers with serial number starting from 01, as this discussions are more focussed on Metric's/elements from NAAC criterions in line with preparedness for Re-Assessment

Item No. 1: Discussion on methodology adopted by IQAC in highlighting the initiatives for sensitizing/promoting research climate in the Institute

The Principal briefed on the following points:
- Guest lecture's arranged to faculty and students in research and development
- Faculty were encouraged to submit research proposals from funding agencies, guiding Ph.D students
- Reimbursement of fees paid for pursuing PhD
- Recognition for interaction with outside world, publication in refereed journals
- Deputation of faculty to attend Workshop/seminars/conference/trainings
- Financial assistance for Patent filing
- Collaboration with national and international agencies for research activities
- Students are encouraged to carry out interdisciplinary projects, innovative projects experiential learning etc

Item No. 2: To corroborate information regarding funded research projects and publications so as to calculate the range, average, H- index, and number of Scopus indexed publications.

The Principal briefed the committee members that it is essential for us to publish articles in reputed journals which are indexed; so as to increase the quality of publications in institution. In this regard it is proposed to calculate the range & average of impact factor, H- index, and number of Scopus indexed publications.

Item No. 3: Discussion on various contributions made by IQAC in enhancing Student Support and progression

The principal briefed that IQAC was actively involved in various measures, some of which are as follows:
- IQAC was involved in publishing a hand book for UG and PG programs about the information on academic rules, regulations and guidelines for students which included the Institution profile, academics, autonomy, achievements and research, Industry Institute collaboration, social responsibility, student activities, infrastructure available both at Departmental and College level, Program duration, calendar of events, credit based - examination system, outcome based education system, disciplinary measures, anti-ragging rules and dress code, Information on library and information centre, placement and training and transportation, Extracurricular activities in the college: NCC, National Service Scheme, Rotract clubs, RAAG and departmental associations, were also published in the hand book.
- IQAC involved in organizing Orientation programs for the 1st year UG and PG students. The orientation program for 1stsemester UG students was scheduled on 31st July 2016 and for PG students on 14th September 2016. During the orientation program, students were briefed about the student support system.
- Efforts for enabling student in improving their academic performance and in inculcating them with skill sets required for the industry.
- Internship / Industrial Training / Industrial Visit were made mandatory. Students visited industries and organizations specific to their M.Tech programs. As a result of these efforts

their understanding of the subject and performance in the interview has been expected to improve. These students are presently in 4thsemester and by next year it would be possible to quantify these outcomes based on Outcome Based Education (OBE) approach.

- Research Methodology, Project Management for M.Tech programme was made compulsory or core courses in I and II semester. This would help students in their minor projects, major projects and internship.
- Makeup and Summer Semester were proposed to facilitate progression of the students.
- Professional Skill Development was proposed as a mandatory course. As part of this course, students shall receive training in answering aptitude and technical tests conducted by the industries. They also learnt soft skills such as presentation skills, group discussion and interview skills.
- To further improve the support for students, QUICK LRN, a simplified learning management system was adopted for timely updation of study materials and also to facilitate the ease of assessment.
- Fifteen QEEE courses were arranged for the UG students to provide insights of current topics in the academic year 2016-17.
- Website: http://www.rvce.edu.in/ has been made easily available for the students through which the students can access the information, in addition, through circulars and meetings.

Item No. 4: Discussion on Gender Sensitization program conducted by Institution

The Principal briefed that institution has an anti-sexual harassment committee to address the grievances of the girl students, Awareness programs were conducted for gender sensitization.

- Common access areas for girls are made available to address their needs.
- The college has a concept of zero tolerance against gender bias.
- There have been various avenues and facilities in the form of scholarships and internships exclusively for girl students.
- Few companies recruited only girl students
- The campus health centre has lady doctor to meet the medical needs of lady faculty and girl students.

Item No. 5: Discussion on students' grievances addressed:

The Principal briefed that the following student's grievances were addressed on priority.

- Non-availability of internet facilities in the girls' hostel: This was redressed by the college by providing the same with 150 mbps bandwidth.
- Poor connection of internet facility in the college campus: This was considered serious and the internet speed was increased from 150Mbps to 300Mbps.
- Provision of Lunch to girl hostel students in the college Premises: Arrangements were made to provide lunch in the afternoon in the college separately for girl students.

- To augment the teaching learning process, Industrial visits has been arranged in every semester to acquaint the students with state of art technologies.

Item No. 6: Discussion on Innovations and Best Practices adopted by the Institution
Innovations introduced during this academic year has created a positive impact on the functioning of the institution and is listed

- A roof top solar power generating plant of capacity 500 KW has been installed which has resulted in lots of reduction in consumption of electric energy supplied by BESCOM.
- All incandescent lights and other ordinary tube lights/street lights are being replaced with highly efficient LED lights
- All Computers with CRT monitors have been replaced with highly energy efficient LED monitors.
- All new projectors procured are of LED variety, as a green initiative.
- Rain water harvesting plants are provided to harvest rain water from roof tops departmental buildings.
- Sewage waste treatment plant of capacity 250 litres per day is provided for treating the sewage water generated inside the campus. The treated water is used for either gardening or flushing purpose in the hostels.
- All the waste paper /plastic collected in the campus are segregated and handed over to Samarthanam Trust an NGO, who in-turn utilizes the proceeds from the same for educating the visually impaired persons.
- In all cases of bulk purchases, a clause has been added for the supplier to collect the packaging materials back for reutilization of the same. This system is working well for all the bulk purchasers.
- **The best practices followed by institution:** Implementation of outcome based education with a focus on experiential learning. Also the institution supports faculty and students to get activity involved in Interdisciplinary research.

*The meeting concluded with above discussion points, and proposed to have a meeting in May 2018, in line with applying for re assessment process in reference with Subject No: 7of IQAC meeting held on 02 Nov 2017.

IQAC Coordinator

Chairperson
PRINCIPAL
R V COLLEGE OF ENGINEERING
BANGALORE - 560 059

R V College of Engineering, Bengaluru -560059   Date: 26/03/2018

Item No	Minutes of Meeting	Action proposed/ taken	Resolution
1	Discussion on methodology adapted by IQAC in highlighting the initiatives for sensitizing/promoting research climate in the Institute	• Guest lecture's arranged to faculty and students in research and development • Faculty were encouraged to submit research proposals from funding agencies, guiding Ph.D students • Reimbursement of fees paid for pursuing PhD • Recognition for interaction with outside world, publication in refereed journals • Deputation of faculty to attend Workshop/seminars/conference/trainings • Financial assistance for Patent filing • Collaboration with national and international agencies for research activities • Students are encouraged to carry out interdisciplinary projects, innovative projects experiential learning etc.	Approved
2	To corroborate information regarding funded research projects and publications so as to calculate the range, average, H- index, and number of Scopus indexed publications	The Principal briefed the committee members that it is essential for us publish articles in reputed journals which are indexed; so as to increase the quality of publications in institution. In this regard it is proposed to calculate the range, average, H- index, and number of Scopus indexed publications	Approved
3	Discussion on various contributions made by IQAC in enhancing Student Support and progression	IQAC was involved in publishing a hand book for UG and PG programs about the information on academic rules, regulations and guidelines for students which included the Institution profile, academics, autonomy, achievements and research, Industry Institute collaboration, social responsibility, student activities, infrastructure available both at Departmental and College level, Program duration, calendar of events, credit based - examination system, outcome based education system, disciplinary measures, anti-ragging rules and dress code, Information on library and information centre, placement and training and transportation, Extracurricular activities in the college: NCC, National Service Scheme, Rotract clubs, RAAG and departmental associations, were also published in the hand book. IQAC involved in organizing Orientation programs for the 1st year UG and PG students. The orientation program for 1stsemester UG students was scheduled on 31st July 2016 and for PG students on 14th September 2016. During the orientation program, students were briefed about the student support system. Efforts for enabling student in improving their academic performance and in inculcating them with skill sets required	Approved

		for the industry.	
		Internship / Industrial Training / Industrial Visit were made mandatory. Students visited industries and organizations specific to their M.Tech programs. As a result of these efforts their understanding of the subject and performance in the interview has been expected to improve. These students are presently in 4thsemester and by next year it would be possible to quantify these outcomes based on Outcome Based Education (OBE) approach.	
		Research Methodology, Project Management for M.Tech programme was made compulsory or core courses in I and II semester. This would help students in their minor projects, major projects and internship.	
		Makeup and Summer Semester were proposed to facilitate progression of the students.	
		Professional Skill Development was proposed as a mandatory course. As part of this course, students shall receive training in answering aptitude and technical tests conducted by the industries. They also learnt soft skills such as presentation skills, group discussion and interview skills.	
		To further improve the support for students, QUICK LRN, a simplified learning management system was adopted for timely updation of study materials and also to facilitate the ease of assessment.	
		Fifteen QEEE courses were arranged for the UG students to provide insights of current topics in the academic year 2016-17.	
		Website: http://www.rvce.edu.in/ has been made easily accessible for the students through which the students can access the information, in addition, through circulars and meetings.	
4	**Discussion on Gender Sensitization program conducted by Institution**	• Common girl's restrooms were provided to address their needs. • The college has a concept of zero tolerance against gender bias. • There have been various avenues and facilities in the form of scholarships and internships exclusively for girl students. • Few companies recruited only girl students • The campus health centre has lady doctor to meet the medical needs of lady faculty and girl students.	Approved
5	**Discussion on students' grievances addressed:**	• Non-availability of internet facilities in the girls' hostel: This was redressed by the college by providing the same with 150 mbps bandwidth. • Poor connection of internet facility in the college campus: This was considered serious and the internet	Approved

		speed was increased from 150Mbps to 300Mbps.	
		• Provision of Lunch to girl hostel students in the college Premises: Arrangements were made to provide lunch in the afternoon in the college separately for girl students. • To augment the teaching learning process, Industrial visits has been arranged in every semester to acquaint the students with state of art technologies.	
6	Discussion on Innovations and Best Practices adopted by the Institution Innovations introduced during this academic year has created a positive impact on the functioning of the institution and is listed	• A roof top solar power generating plant of capacity 500 KW has been installed which has resulted in lots of reduction in consumption of electric energy supplied by BESCOM. • All incandescent lights and other ordinary tube lights/street lights are being replaced with highly efficient LED lights • All Computers with CRT monitors have been replaced with highly energy efficient LED monitors. • All new projectors procured are of LED variety, as a green initiative. • Rain water harvesting plants are provided to harvest rain water from roof tops departmental buildings. • Sewage waste treatment plant of capacity 250 litres per day is provided for treating the sewage water generated inside the campus. The treated water is used for either gardening or flushing purpose in the hostels. • All the waste paper /plastic collected in the campus are segregated and handed over to Samarthanam Trust an NGO, who in-turn utilizes the proceeds from the same for educating the visually impaired persons. • In all cases of bulk purchases, a clause has been added for the supplier to collect the packaging materials back for reutilization of the same. This system is working well for all the bulk purchasers. • **The best practices followed by institution:** Implementation of outcome based education with a focus on experiential learning. Also the institution supports faculty and students to get activity involved in Interdisciplinary research.	Approved

IQAC Coordinator

Chairperson
PRINCIPAL
R V COLLEGE OF ENGINEERING
BANGALORE - 560 059