

**VASAVI COLLEGE OF ENGINEERING
(Autonomous)**

IBRAHIMBAGH, HYDERABAD – 500 031

5th October 2019

Minutes of the 14th Meeting of IOAC held at 3.00 p.m. on 04.10.2019

Members Present:

S. No.	Name of the Member	Designation
1	Dr. S.V. Ramana, Principal	: Chairman
2	Sri P. Balaji, CEO, VCE	: Member
3	Dr. B. Sridhar , HOD-Civil	: Ex-Officio Member
4	Dr. T. Adi Lakshmi, HOD-CSE	: Ex-Officio Member
5	Dr. E. Sreenivasa Rao, Professor, Dept. of ECE	: Ex-Officio Member
6	Dr.M. Chakravarthy, HOD-E.E.E	: Ex-Officio Member
7	Dr.T. Rama Mohan Rao, HOD-MECH	: Ex-Officio Member
8	Dr. K. Rama Mohan Rao, HOD-I.T	: Ex-Officio Member
9	Dr. Jacqueline Amaral, HOD-H&SS	: Ex-Officio Member
10	Dr.T. Sudhakar Rao, HOD-Maths	: Ex-Officio Member
11	Dr. P. Venugopal I/C HOD-Chemistry	: Ex-Officio Member
12	Dr.P. Hemagiri Rao, HOD-CA	: Ex-Officio Member
13	Dr.G.V.Ramana Murthy, Director(A&A)	: Ex-Officio Member
14	Dr.Venkata Krishna , NAAC – Coordinator	: Ex-Officio Member
15	Dr. Anjaneya Varaprasad, Head, Six Sigma, TCS	: External-Member
16	Mr. K. Ravi, Head, Innovations, InfoTech Enterprises (VCE Alumnus)	: External-Member
17	Sri M. Bhasker, Assoc. Prof., Dept. of Civil Engg.	: Member
18	Dr. K. Veera Swamy, Prof. Dept. of ECE	: Member
19	Dr. A. Srinivas, Prof., Dept. of MECH	: Member
20	Ms. S. Aruna, Assoc. Prof., Dept. of IT	: Member
21	Ms. V. Sireesha, Asst. Prof., Dept. of CSE	: Member
22	Dr. P.V. Gopala Krishna, Assoc. Prof., Dept. of Mech. Engg.	: Member
23	Dr. G. Ramadevudu, Asst. Prof., Dept. of Physics	: Member
24	Ms.Vaishnavi Nookala, 1602-17-733-056, BE V Sem- CSE	: Student member
25	Mr.S.R.E Sai Harsha, 1602-17-734-034, BE V Sem-EEE	: Student member
26	Mr.M.Siddharth Ram, 1602-16-735-102, BE VII Sem (ECE-B)	: Student member
27	Ms.V.Sreemayee, 1602-16-735-043, BE VII Sem –ECE(Sec.A)	: Student member
28	Ms.K.Neharika Reddy, 1602-16-732-061, BE VII Sem- civil	: Student member
29	Mr. Ishrath, 1602-16-736-071, BE VII sem-Mech (Sec.B)	: Student member
30	Mr.Nishant Jajoo, 1602-16-736-089, BE VII sem-Mech(Sec.B)	: Student member
31	Mr.V.Sri Teja, 1602-16-733-050, BE VII Sem-CSE(Sec.A)	: Student member
32	Ms.AVL harshitha, 1602-16-733-077, BE VII sem(CSE-B)	: Student member
33	Mr.K.Santosh Kumar, 1602-18-742-014, M.Tech-III Sem- CSE	: Student member
34	Mr.MD Ibrahim Dawood, 1602-18-745-003, ME III Sem- Mech.	: Student member
35	Mr.Ch.Gnaneswar Venkat Sai, 1602-18-766-003, ME III Sem-EEE	: Student member
36	Ms.G.Sumedha, 1602-17-736-054, BE V Sem- Mech(Sec.A)	: Student member
37	Mr.V.Bhanu Prakash, 1602-16-732-008, BE IV sem- Civil	: Student member
38	Mr.V Akhil, 1602-16-737-004, BE IV Sem-I.T(Sec-A)	: Student member
39	Ms.V.Sarika, 1602-16-737-102, BE 4/4 – IT(Sec.B)	: Student member
40	Mr.N.Saiteja, 1602-16-734-040, BE 4/4 – EEE	: Student member
41	Ms.M.Dhanalakshmi, 1602-16-734-013, BE 4/4 – EEE	: Student member
42	Dr. A.S. Sai Prasad HoD-Physics and Director-Admissions & Exams	: Coordinator

The following members could not attend the meeting

S.No.	Name of the Member	Designation
1	Sri M. Ramgopal, Asst. Vice-President, Birla Soft	: External-Memberr
2	Ms. Ch. V.S.S. Sailaja, Assoc. Prof., Dept. of EEE	: Member
3	Mr.Nikhil Dandamudi, 1602-17-732-020, BE V Sem-Civil Engg.	: Student member
4	Mr.K.Santhosh Kumar, 1602-18-742-014,M.Tech III Sem-CSE	: Student member
5	Mr.Ch.Venkat Sai Gnaneswar,1602-18-766-003,ME III Sem-EEE	: Student member
6	Mr.T.Venkata Siva Phanindra Kumar, 1602-17-735-115, BE V Sem-ECE	: Student member
7	Ms.D.Himavarsha, 1602-18-744-004,ME III Sem-ECE	: Student member
8	Ms.Gudipati Sumedha, 1602-17-736-054,BE V Sem-Mech	: Student member
9	Mr.Md. Ibrahim Dawood, 1602-18-745-003, ME III Sem-Mech	: Student member
10	Ms.Lahari Pokala, 1602-17-737-014, BE V Sem-IT	: Student member

Prof. S. V. Ramana, Principal and Chairman IQAC welcomed the members to the 14th IQAC meeting held on 4th October 2019 at 3.00 in conference hall of V-block. Then the members took up the following agenda points for discussion:

1. **Confirmation of the minutes of the 13th IQAC meeting held on 27.04.2019:**

The minutes of 13th meeting of IQAC which were sent to the members earlier by e-mail were read and confirmed.

The following **Action Taken Report** on the resolutions of 13th meeting of IQAC was presented by the Prof. A.S. Sai Prasad, Coordinator, IQAC :

- NPIU-MHRD has informed that the college has been selected under TEQIP-III for installation of 05 Digital boards in the UG classrooms. The installation of digital boards will be taken up by NPIU in the college soon. The rooms with necessary requirements have been identified for the installation of digital boards.
- Online fee payment system for Tuition Fee, Semester Examination Fee and other fee payments have been enabled on the college portal through "Student Online Fee Payment" option tab.
- It is approved that to award 02 credits for BE students(admitted from academic year 2018-2019 onwards) and M.E./M.Tech students(admitted from academic year 2019-2020 onwards), who completes NPTEL course successfully.
- Faculty members of all Academic departments are participating and completing NPTEL online Courses. Some of the faculty members also registered for MOOCS courses in course Era and EdX.
- EEE department has introduced some of the experiments through Virtual Labs mode in Power Systems and Power electronics. These will be strengthened further in the future.
- External Audit on the Academic practices of the college was conducted, and the departments are working on the implementation of recommendations of the report.
- Every department has conducted SWOC analysis and Strategic plan for the period 2019-2024.

- CSE and IT departments has introduced Theory cum laboratory courses in Machine Learning and Design of Algorithm and analysis.
- EEE department organised SPICE and MATLABworkshop for the Staff and Students.
- Turnitin Plagiarism software was procured and being used by the faculty and M.E./ M.Tech student projects to check.

2. Finalization of support mechanism to the faculty members publishing research papers in reputed journals, obtaining Government Funded Research Projects, publishing patents and the faculty pursuing Ph.D. Programme.

The Principal informed the members that Teaching and Research should go hand in hand in any academic institution. Teaching is the prime function and needs to be performed at the highest level of competence. This is possible only when the faculty members are encouraged to take up research activity in conjunction with academic activities. Research enhances the interest in academic activities and widens the scope for learning while placing the institute on a higher pedestal. Moreover, encouragement towards research helps in improving the rankings in NBA, NAAC, NIRF etc.

In view of the importance as well as to accelerate R & D activities in the college, it is proposed to extend support to the faculty in the form of mentoring on preparation of research project proposals in the thrust areas of research, mentoring on identification of R&D project on societal needs and priorities of the funding agencies as well as industries to enhance research culture in the institution.

The Principal opened the house for discussion and ideas on strengthening the research support mechanism to be implemented in the institution. The following recommendations have been proposed by the members:

- a. Prof. G.V. Ramana Murty, Dean, Academics suggested to encourage research paper publications of both faculty members and students of UG and PG programmes, Industry-Institution Interaction Cell to be constituted and Research Groups are to be constituted at both college level & department level.
- b. Prof. E. Srinivasa Rao, Head, ECE suggested to open the laboratories for extended hours i.e., beyond college working hours and provide technical assistance by retaining some of the technicians/programmers in the labs. The library should also be opened on extended hours and allow the browsing of subscribed Research journals. Further, he has suggested to conduct one workshop / seminar to bring awareness on IPR/Project proposals.
- c. Prof. Veera Swamy, ECE, Member IQAC requested to extend the Editing support to the research papers, since papers submitted to the Journals sometimes are being rejected because of poor English language used for writing the manuscript.

- d. Dr. G. Ramadevudu, Assistant Professor, Department of Physics and Member IQAC has

made the following suggestions:

- Each Department shall conduct every year one National Conference involving experts from academia & industry and one International conference at least once in three years or five years. The departments shall make arrangements to publish the papers presented in the conference by the faculty members as well as UG & PG students in IEEE, Elsevier, Springer, IOP reviewed Scopus index journals. Many NITs, Universities and some of the centres for excellence are adopting this practice and getting more papers published.
 - Basic experimentation and characterization tools can be provided by establishing Central Instrumentation Laboratory (CIL). This in turn helps to produce quality B.E/M.E./ M.Tech Projects and leads to paper publications.
 - Many institutions are giving incentives in the form monetary benefits to the faculty members who are publishing research papers in SCOPUS, WOS, SCJ etc journals with impact factors and obtaining funded research projects
 - These incentives shall be given to both faculty members and students who are actively participating in researched related programs.
 - Constitute a Committee to frame guidelines for awarding incentives for paper publications, filing and grant of patents, sanctioned funded projects etc.
- e. Prof. S.V. Ramana, Principal suggested
- to give priority to affiliation of Vasavi College of Engineering in papers sent for publications and also use college staff e-mail IDs.
 - All the faculty members shall register in Google citation Index, Scopus, Web of science and Indian citation Index.
 - This may help to score in research publications when the third parties fetch research information for ranking or NBA or NAAC.
 - Informed that college is planning to conduct Spring sponsored conference in the next year.
- f. The following suggestions have been put forth for consideration by the student members:
- The field of research specialization of the faculty members should be displayed so that interested students of that particular research area will approach the respectively faculty member for their projects, paper presentations etc. It is informed that research specialization of the faculty members will be very soon uploaded into the college website.
 - Allow and popularize webinars announced by the industries including Google, Microsoft etc so that students can attend online and acquire additional inputs of their branch of study
 - Incentives shall be extended to the students publishing papers along with the faculty members.
 - Interdisciplinary Research Committee shall be instituted so that various branches students come together for better projects.
 - Collaboration with industry, especially with start ups is useful to students to get exposure and also internships.

- For B.E/ M.E/M.Tech students projects problem statements can be requested from companies, industries etc for effective research and quality publications.

After through discussions, members suggested certain financial incentives towards Research Papers Publications, Ph.D completion, Publication of Text Books, Funded Research Project, Filing and Publishing Patents, attending National & International conferences, toppers of the NPTEL online courses completed successfully to both faculty and students wherever applicable. However, It is suggested to place it before Finance Committee and get it approved from BOG.

3. Approval for enhancement of prize money to the students securing for Best Academic, Best Project, Best Attendance awards:

Since 2001, college is awarding Best Academic awards to the toppers of all sections based on the CGPA obtained by them in the preceding semesters, Best Attendance awards based on the preceding year regularity and Best Project award based on the quality of work. It instills a spirit of healthy competition among the students with a passion to excel in their chosen fields of specialization.

After through deliberations, taking into the opinions of the student members the following enhancements were approved by all the members:

The Best Academic prize details (for all UG and PG students):			
S.No.	Name of the Prize	Existing Prize Amount	Suggested Revised Amount
1	First Prize	Rs.3000/-	Rs.5000/-
2	Second Prize	Rs.2000/-	Rs.3000/-
3	Third Prize	Rs.1000/-	Rs.2000/-
The Best Attendance prize details: (For Senior UG and PG students)			
S.No.	Name of the Prize	Existing Prize Amount	Suggested Revised Amount
1	100% attendance	Rs.2000/-	Rs.3000/-
2	99% attendance	Rs.1000/-	Rs.2000/-
3	98% attendance	Rs.750/-	Rs.1000/-
The Best Project prize details:			
S.No.	Name of the Prize	Existing Prize Amount	Suggested Revised Amount
1	First best Project Prize (Should be equally shared among the project group students in each branch)	Rs.5,000/-	Rs.10,000/-
2	Second Best Project Prize (Should be equally shared among the project group students in each branch)	Rs.3,000/-	Rs.6,000/-

The Best Performance prize of I semester BE:			
S.No.	Name of the Prize	Existing Prize Amount	Suggested Revised Amount
1	Best Attendance Upto end of I Semester		
	100%	Rs. 750.00	Rs. 1000.00
	99%	Rs. 500.00	Rs. 750.00
	98%	Rs. 250.00	Rs. 500.00
2	Best performance in I year I Sem- Internals Marks		
	First Best	Rs. 750.00	Rs. 1000.00
	Second Best	Rs. 500.00	Rs. 750.00
	Third Best	Rs. 250.00	Rs. 500.00

4 Development of a comprehensive Academic ERP Software for effective monitoring on all academic initiatives:

The Principal informed the members that the College has software on student database for daily attendance, CIE, online exercise option for Open Electives and ECA, identifying the students' having backlogs etc., in the intranet. Separate software for data entry of SEE as well as result processing is already in place. However, to improve and implement fully functional ERP, suggestions are welcomed from the members.

Some of proposed initiatives include:

- comprehensive academic ERP software for effective monitoring on all academic initiatives in respect of alerting the parents of the students whose attendance is less than 75%, performance is less than 50% in CIE, having backlogs etc., by way of sending SMS as well as mails automatically
- predictive analysis to focus on the academically weak students
- conduct of online quiz tests and assignment tests
- student registration for semester examinations, online option for technical skills, student fee payment details and dues list.
- student placements including registration, company specific eligibilities and slot allotments for companies based on the availability for campus recruitment
- staff appraisal mechanism in respect of monitoring their fulfillments
- automatic computation of CO & PO attainments

Members have suggested the following points for favourable consideration:

- Security measures to the software to be developed for academic ERP
- Easy to use and retrieve information as per the NAAC, NBA, UGC, AICTE, Osmania University requirements.
- Provisions for entry of qualification updation of faculty members, publications, seminars, conferences attended and conducted, refreshers and orientation course attended etc..

5. Any other point, with the permission of the Chair

a) To review the submission process for NAAC and NBA:

Principal informed the members that the college has applied and uploaded the SSR for NAAC in the month of April, 2019. The College became aware of the fact that as on 24.04.2019, the date on which SSR was submitted, the College was not eligible to apply for NAAC Accreditation process vide NAAC Notification on the website dated 12.03.2019, which states "Autonomous Colleges are eligible to apply for Assessment and Accreditation (A & A) by NAAC on completion of five years and six months as an Autonomous College". The College was conferred with autonomous status by the UGC effective from June, 2014 and therefore as per the guidelines of NAAC the College would become eligible to apply for Accreditation process only after December, 2019.

Keeping in view the above facts, the College has submitted its representation (vide letter Dated 23.09.2019) to NAAC requesting the Director to allow the college to submit a fresh application after it becomes eligible. Consequently, the NAAC accepted our request vide its letter No. NAAC/TS/TSCOGN103796/1st Cycle, Dated 01.10.2019 and also agreed that the Accreditation Fee paid by the College will be adjusted for fresh application subject to the condition that the College should apply immediately after it becomes eligible.

The College is therefore planning to submit NAAC-SSR during December, 2019

b) Prof. G.V.Ramana Murty has informed to members that NBA accreditation for UG & PG programme would expire by June, 2020. For this purpose college has to submit pre-qualifiers to NBA under tier-I six months before. Hence, requested the departments to work on the pre-qualifiers this. Principal further informed to improve and get good scores through the enhanced R&D activities to full-fill the criteria 03 of NAAC and criteria 05 of NBA.

c) Further, Members suggested that :

- College email IDs for the students registering MOOC courses offered by Course Era, edX, Udacity etc so that they can avail fee concession under student registration. Principal informed that college is ready to extend the facility to the students whoever approaches the college in this regard.
- Financial assistance for paying fee to complete MOOC courses offered by only one ward, EdX, Udacity etc. Principal informed that college will consider refund of examination fee either fully or partially for the parents of the students once they complete the MOOC course with merit.
- Conduct of Seminar with experts from industry on Regulations of entrepreneurship, Patent filing, Trademarks, Accounting etc. The Principal informed that college is planning to conduct such workshop for the interested students.

The meeting was ended with vote of thanks by the IQAC coordinator Prof. A.S. Sai Prasad.



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