

**KVR, KVR & MKR COLLEGE :: KHAJIPALEM**



## **IQAC REPORT**

**FOR THE YEAR 2019-2020**

**Submitted By**

**INTERNAL QUALITY ASSURANCE CELL**

**Website URL :<https://www.kvrkvrnmkr.edu.in>**

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## IQAC REPORT (2019-2020)

The Indian higher education system is on the brink of great transformations to cope with global competence. This system is one of the third largest higher educational systems in the world, comprising 864 universities and 40,026 colleges, 11,669 stand alone institutions. Maintaining quality in this system is a matter of long – term initiative. To reach this long-term goal, Internal Quality Assurance Cell (IQAC) was established in KVR KVR & MKR College in 2007. The prime responsibility of IQAC is to initiate, plan and supervise various activities that are necessary to increase the quality of education imparted in the college. The role of IQAC in maintaining quality standards in teaching, learning and evaluation is crucial. At present IQAC's main function is to improve research and is taking steps towards it.

In the beginning of academic year 2019-2020, IQAC committee is constituted with the following members.

Dr .G .Krishnam Raju, Principal.....Chair person  
Sri K.Jitendra Varma, Secretary & Correspondent.....Member  
Sri.V.Narayana Reddy, Lecturer in Political Science.....IQAC Coordinator  
Dr.T.Siva Prasad, Lecturer in Physical Education..... Member  
Sri B.J.R. Somayajulu, Lecturer in Computer Science.....Member  
Smt. S.Uma Rani, Lecturer in Electronics.....Member  
Dr.ch. Kishore Kumar, Lecturer in English.....Member  
Sri K.V. Mohan Rao, Lecturer in Commerce.....Member  
Sri P.Yedukondalu, Lecturer in Economics.....Member  
Sri K. Suresh Kumar, Lecturer in Mathematics.....Member  
Sri S.Samba Murthy, Lecturer in PG Chemistry.....Member  
Sri K. Venugopala Raju, Office superintendent.....Member  
Sri G.Murthi Raju, Industrialist.....Member  
Sri G.Subba Raju, Social Activist.....Member  
Sri N.Venkateswara Rao, Alumni.....Member

### **IQAC Core – Group Meetings**

During the academic year 2019-20 IQAC has conducted 5 core group meetings. The agenda of the meetings focused on Action plan, Research Orientation, Teaching, Learning and Innovative methods, , Guest lectures, National & International Seminars/ Workshops, conduction of Society outreach programmes and to make the feedback mechanism more effective. Meetings were held with HOD's of departments, faculty members, students and parents on the need for institutional excellence.

## **Plan of Action by IQAC/Outcome for the Academic Year 2019-2020**

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year.

### **Plan of Action and Outcome**

#### **I. Plan of Action:**

- A) To increase the number of research publications in peer reviewed journals like Scopus and other UGC listed journals.

#### **Achievements:**

The number of research publications in UGC Listed Journals in 2019-20 is 02.

#### **II. Plan of Action**

To promote research and publication interests by means of appreciating the Teachers with significant research achievements during Teachers day, Annual Day and provide financial support.

#### **Achievements:**

- The teachers who were awarded Ph. D's, M. Phil's were felicitated by management and are given honorarium of Rs.10,000/-.
- Teachers were encouraged to present and publish papers in peer reviewed journals by providing financial assistance in the form of paying Registration and Publication fees. The number of beneficiaries for 2019-20 are 01 and the amount is Rs. 2,500/-.

#### **III. Plan of Action**

- To continue registration of online courses like MOOCs
- More number of Add on Courses and Certificate Courses to be offered to increase knowledge and skills in students.

#### **Achievements:**

Programs are conducted to bring awareness among faculty and students to introduce Online Courses. Add on programs and Certificate Courses related to skill Development and employability are offered by all the Departments.

#### **IV. Plan of Action**

Plan to organize National level/State Level Seminars/conferences/workshops/on current issues such as Recent Developments in IT, GST and IPR.

#### **Achievement**

2 workshops and 9 guest lectures were organised in 2019-20.

## **V. Plan of Action**

To submit AQAR of 2018 -19

### **Achievement**

AQAR is submitted on 23-03-2020 to NAAC Bangalore

## **VI. Plan of Action**

To encourage staff to register for M.Phils/Ph.Ds. and to apply for Minor Research Projects, NET & SLET

### **Achievement**

3staff members are registered for M.Phils. / Ph.Ds. during the last five years of which 01 were awarded with M.Phil and 2 were awarded with Ph.D in Chemistry & English Departments.

## **VII. Plan of Action**

To conduct Internal Academic audit for every 6 months

### **Achievement**

Internal Academic audit is conducted for every 6 months by IQAC members to all the departments.

## **VIII. Plan of Action**

To help departments to document quality enhancement activities regularly.

### **Achievement**

Give Suggestions and Assisted all the Departments to document their activities regularly.

## **IX. Plan of Action**

Continuous implementation of Value Added Courses and Career Oriented Courses

### **Achievement**

Certificate Courses in Communication Skills, Analytical skills and computer Skills are offered free of cost to Degree students.

## **X. Plan of Action**

To organise more Student Council Meetings to discuss the academic and infrastructure needs of the students.

### **Achievement**

Action will be taken to conduct more Student Council Meetings in the year 2019-20.

## **XI. Plan of Action**

To organise an Awareness program on the use of Central and Digital Libraries to first year degree students.

### **Achievement**

Conducted Awareness Program to first year students on the usage of Central and Digital Libraries.

## **XII. Plan of Action**

To organise Industry-Academia Innovative practices

### **Achievement**

13 students of M.Sc. Chemistry have done Academic Project works in collaboration with RV Labs Guntur.

## **XIII. Plan of Action**

To conduct Society Outreach Programmes and Community Development Programmes like Swachh Bharat, Vanam-Manam etc.

### **Achievement:**

Society Outreach Programmes and Community Development Programmes are conducted with the support of NSS, NCC and Women Empowerment Cells.

## **XIV. Plan of Action**

Measures to be taken to motivate more number of students towards sports and games.

### **Achievement**

Every Year our college organize College Sports Day on 7<sup>th</sup> December and Training is given to the students to participate in Inter University, State and National Level Competitions.

## **XV. Plan of Action**

Training of students towards higher studies and employability through Career Guidance & Placement Cell.

### **Achievement**

Training is given to students for ANUCET, ICET, RRB, and IBPS. In 2019-20, we have conducted Two On Campus Drives and nearly 8 companies were participated. Our college 43 students got placements in this companies.

## **XVI. Plan of Action**

Increase use of ICT in Teaching – Learning Processes

## **Achievement**

- All the Departments are encouraged to use ICT as a learning resource in teaching and learning process.
- Staff members are using Digital Class Rooms and Virtual Class Rooms for ICT in Teaching and Learning Process.
- Staff members of different Departments use electronic gadgets such as LCD Projectors, Smart Boards etc.
- PPT Lessons prepared by the staffs, Video CDs, digital resources, Internet and Video conferencing facility for effective teaching and for explaining the complicated concepts.
- Students are encouraged to take extended class Seminar as paper presentation, Presentation by collecting primary field data, Group Discussion, Quiz programmes, etc.,
- Monitoring students through effective Ward Counseling System and notification of student's progress to the parents through parents meeting.

## **Collaborations and MOUs:**

The Departments of the College has MoU's with other affiliated and autonomous colleges. The Departments of M.Sc. Chemistry, English, Mathematics, Chemistry, Computer Science have signed MOU's with below firms and industries to promote Student Staff Exchange, culture of collaborative research work, Internship programmes and other inter departmental learning activities.

- RV labs Guntur
- Laborious New Innovators Group, Tenali
- SVRM College(Autonomous),Nagaram.
- VSR & NVR College(Autonomous), Tenali
- PBN College, Nidubrolu
- Balaji Degree College, Nidubrolu
- Deccan Fine Chemicals(India) Pvt. Ltd., Hyderabad.
- Sri Devi Murali Krishnam Raju Charitable Trust, Hyderabad.
- Sri Champati Chinasuraparaju Sowbhagyamma Trust, Hyderabad.
- Vasudha Foundation, Visakhapatnam
- Bluepal Solutions, Hyderabad
- Arya Health Society, Khajipalem

## **Significant Activities and contributions made by IQAC in 2019-20**

The IQAC aims to facilitate processes and opportunities for all faculty members, administrative staff and students to enhance their performance and develop skills at all levels, thereby making quality assurance an integral part of functioning on the campus. Some of the activities and contributions made by IQAC in 2019-20 are:

### **1. Conduct of ICT training to Teaching & Non-Teaching Staff**

Our management has encouraged Teaching and Non-Teaching Staff to get trained in ICT like usage of LCD Projector, Virtual Class Rooms, Digital Lab etc. for the development of Teaching for Teaching staff and Office work Administration for Non-Teaching Staff. Management providing sufficient computer systems to all faculty members and Office Administration.

### **2. Orientation for First year Degree students:**

IQAC has organised a Parents Meeting for first year Degree students along with their parents, who are fresh from Intermediate level to ensure that they are familiar with the working of the College, its activities, exam systems, evaluation patterns, and discipline and student support systems on 21-09-2019.

### **3. Conduction of Internal & External Academic Audits:**

- a. Internal academic audits were conducted Two times in 2019-20.
- b. Due to COVID-19, External Academic Audit was postponed by APCCE. Till Date it was not conducted.
- c. ASAR Scores of all aided lecturers are submitted to the CCE.

### **4. Maintenance of Academic Diary day wise by the faculty members.**

It is the responsibility of the IQAC to motivate and to maintain Academic Diary day wise by the faculty members. It will help ensuring quality of teaching and accountability. The preparation and distribution of teaching diaries and teaching notes is done in the beginning of the year.

### **5. Monthly Curricular Plans**

IQAC sees that teachers are preparing and teaching according to the Academic plan & Monthly Curricular Plan in which syllabi have been unitized.

### **6. Preparation of Reports:**

- a) The AQAR reports for the years 2018-19 has been submitted by Sri V.Narayana Reddy, IQAC coordinator with **Track ID** APCOGN 13218 on 23<sup>rd</sup> March, 2020.
- b) NIRF National Institute of Ranking frame work was submitted to the Ministry of Human Resource Development, Govt. of India on 19-11-2019. AISHE was submitted to MHRD, Delhi on 21-01-2020.
- c) Submission of Minor Research Projects to UGC.

- d) Assisting the Departments to submit the Proceedings of various Seminars and Workshops to the concerned authorities.
- e) Submission of Quarterly Review Performances of the college to CCE.

**7. Analysis and Evaluation of feedback from stake holders.**

Feedback reports from students, parents, alumni and teachers are collected, analysed and submitted to the Principal and management. The action taken plan is uploaded on the website.

**8. Assistance in Conduction of Workshop and Guest Lectures:**

Assisted various departments in conduction of 02 Workshops, 09 Guest Lectures and 02 Awareness programs and 01 Training Program.

**9. Teaching- Learning Processes:**

Use of ICT in the teaching-learning process, including Smart Boards, LCD presentations, Internet Connectivity etc. is effectively used in 2019-20.

In addition to the above IQAC of KVR,KVR & MKR College regularly organises and monitors:

- a) Student benefit programmes like educational tours, project works, industrial visits, fieldtrips, hands on training programs, Guest Lectures and Internships programs to make academics more experiential and develop a work culture in industry.
- b) Conduction of free coaching classes for career advancement & placement of students (SC,ST, OBC and economically backward) like ICET, ANUCET, IBPS exams, RRB, Central & State Govt. Exams.
- c) Facilitation of conduction of Special Camps at the adopted village to increase the literacy rate, computer skills, health and hygiene, especially of women and infra structural facilities.

### Teaching Learning and Innovative Methods

| <b>S.<br/>No.</b> | <b>TLI Methods</b>           | <b>No. Conducted<br/>UG</b> | <b>No. Conducted<br/>PG</b> |
|-------------------|------------------------------|-----------------------------|-----------------------------|
| 1                 | Study Projects               | 96                          | 22                          |
| 2                 | Seminars                     | 51                          | 29                          |
| 3                 | Quiz Programs                | 22                          | 04                          |
| 4                 | Group Discussions            | 20                          | 04                          |
| 5                 | Discussion on Current Trends | 09                          | 05                          |
| 6                 | Value based Education        | 05                          | 02                          |
| 7                 | Power Point Presentation     | 54                          | 21                          |
| 8                 | Guest Lectures               | 09                          | 02                          |
| 9                 | Field Trips                  | 01                          | 01                          |

## **Academic Activities for 2019-20**

### **Department of Political Science:**

- ➔ Conducted Guest Lecture on “Origin of the State” on 8<sup>th</sup> August, 2019. Resource Person: Sri S.Jagan Mohan Rao, Lecturer in Political Science, Govt.Degree College,Movva.
- ➔ Submitted AQAR 2018-19 to NAAC, Bangalore as IQAC Coordinator on 23-03-2020.

### **Department of Computer Science:**

- ➔ Conducted Guest Lecture on “Future Trends on Software Development” on 18<sup>th</sup> November, 2019. Resource Person: Dr.V.V. Jaya Rama Krishnaiah, Associate Professor, ASN Women’s Engineering College, Tenali.
- ➔ Conducted Guest Lecture on “Future Trends on Cloud Computing” on 23<sup>rd</sup> January, 2020. Resource Person: Sri B.Surendra Babu, Lecturer, ASN Degree College, Tenali
- ➔ Conducted Training Program on " Computer Skills and Internet" from June,2019 to Feb,2020.

### **Department of Commerce :**

- ➔ Conducted Guest Lecture on "Slow Down Tendency of Indian Banking Sector” on 29<sup>th</sup> February, 2020. Resource Person: Dr.B.Rajeev, Lecturer, ASN Degree College, Tenali.

### **Department of Telugu:**

- ➔ Conducted Telugu Language Day on 29-08-2019 in memory of Sri Gidugu Rama Murthy Birthday Celebrations. Chief Guest: Dr.B.Sundara Rao, Rtd. Telugu Lecturer. Inkollu

### **Department of English:**

- ➔ Conducted Guest Lecture on “How to make picture description in English” on 29<sup>th</sup> July, 2019. Resource Person: Sri A.Nagesh, HOD of English, PBN College, Nidubrolu
- ➔ Conducted Guest Lecture on “Need for Effective Communication Skills” on 13<sup>th</sup> September, 2019. Resource Person: Dr.D.Rajani, Asst. Professor, RVR & JC Engineering College, Guntur.
- ➔ Conducted Certificate Course on “Communication Skills” from 1<sup>st</sup> November, 2019 to 31<sup>st</sup> January, 2020.

### **Department of Mathematics:**

- ➔ Conducted Guest Lecture on “Applications of Mathematics” on 04<sup>th</sup> February, 2020. Resource Person: Dr.Ch.Manikya Rao, Lecturer, Bapatla College of Arts & Sciences, Bapatla
- ➔ Conducted Certificate Course on “ Analytical Skills in Mathematics” from 1<sup>st</sup> November, 2019 to 31<sup>st</sup> January, 2020.

**Department of Physical Education:**

- ➔ Conducted Workshop on “ Awareness on Naturopathy Medicine” on 18<sup>th</sup> November, 2019 Resource Persons: BNYS College(Care Institutions) Doctors, Pittalavanipalem.
- ➔ Conducted Training Program on “CPR & AED” on 25-01-2020. Resource Person: Dr.O.K.Murthy, TANA Health Foundation.
- ➔ Conducted ANU Inter-collegiate Cross Country Men & Women Competitions on 06<sup>th</sup> September, 2019.Resource Persons: Dr.P.Paul Kumar & Dr.K.L.Swaroop.
- ➔ Conducted National Sports Day Celebrations “Prime Minister’s FIT India Program” on 29<sup>th</sup> August, 2019. Chief Guest: Sri M.Krishnam Raju, Rtd. Principal.

**Department of Chemistry:**

- ➔ Conducted Guest Lecture on “Biological Significance of Essential Elements” on 06<sup>th</sup> September, 2019. Resource Person: Dr.T.Krishna Murthy, Principal, KR & SL Degree College, Bapatla.

**Department of Physics:**

- ➔ Conducted Add on Programme on “House Hold Appliances – Usage & Service” from 01<sup>st</sup> September, 2019 to 30<sup>th</sup> September, 2019.

**Department of Library Science:**

- ➔ Conducted Library Week Celebrations on “ Poetry restoration, Essay Writing, Drawing & Elocution” on 13<sup>th</sup> November, 2019 to 20<sup>th</sup> November, 2019. Resource Person: Dr.G.Krishnam Raju, Rtd. Principal.

**Department of Economics:**

- ➔ Conducted Guest Lecture on “Economics in Agriculture Cultivation” on 7<sup>th</sup> September, 2019. Resource Person: Dr.C.V.Rama Rao, Scientist, Rice Research Center, Bapatla.

**Department of M.Sc. (Chemistry):**

- ➔ Conducted Guest Lecture on “Biological Significance of Essential Elements” on 06<sup>th</sup> September, 2019. Resource Person: Dr.T.Krishna Murthy, Principal, KR & SL Degree College, Bapatla.
- ➔ Conducted Field Trip to Tulasi Seeds, Guntur on 14<sup>th</sup> December, 2019. Resource Person: Sri G. Subbarayudu, MD,Tulasi Seeds.
- ➔ Conducted Workshop on “HPLC Drug Analysis” on 16<sup>th</sup> August, 2019 to 31<sup>st</sup> August, 2019. Resource Person: Sri Ch.Vinay, Director, RV Labs, Guntur.
- ➔ Registration of MOOCs for Final Year Students as part of Non-core Subjects from 16-06-2019 to 17-06-2019

- ➔ Conducted Competitive Chemistry Coaching with association of Laborious New Innovators Group(LNIG), Tenali by Sri G.Naresh Babu from 02-07-2019.

### **STAFF PARTICIPATION:**

#### **Dr.T.Siva Prasad, M.P.Ed.,Ph.D.**

- ↔ Attended as Examiner for Admissions in to Dr.Y.S.R.Sports School, Kadapa & A.P.Model Sports School, Vijayanagaram Selection Trails for the year 2019-20 from 10-07-2019 to 11-07-2019 at Acharya Nagarjuna University, Nagarjuna Nagar, Guntur.
- ↔ Appointed as Observer for Acharya Nagarjuna University UG I,III,V Semester Examinations, Oct/Nov 2019 from 12-10-2019 to 05-11-2019 at M.S.R.Degree College, Bapatla.

#### **Sri B.J.R.Somayajulu, ME(CSE)**

- ↔ Participated in NAAC Sponsored Two Day National Workshop entitled “DESIGNING OUTCOME BASED CURRICULUM : THEORY TO PRACTICE” held on 6<sup>th</sup> and 7<sup>th</sup> February,2020, Organized by the Internal Quality Assurance Cell(IQAC) of Dr.DK Govt. College for Women(Autonomous), Nellore.
- ↔ Participated in One Day Workshop on “Quality Assurance and Role of IQAC in Promoting Quality & Preparation for NAAC Accreditation”, Organized by Andhra Pradesh State Council of Higher Education in Association with Acharya Nagarjuna University, Guntur on 23-01-2020.

#### **Dr.Ch.Kishore Kumar,M.A.,M.Ed.,M.Phil.,Ph.D.**

- ↔ Participated and Presented a Paper on Innovative Methods of Teaching & Learning English Language in a Two Day National Seminar held at Andhra Layola College, Vijayawada on 14<sup>th</sup> & 15<sup>th</sup> February, 2020.
- ↔ Participated in the National Seminar on ”LEARNER CENTERED APPROACHER AND EFFECTIVE CLASS ROOM MANAGEMENT” and Presented a paper entitled “EQUIPMENT FOR DIGITAL LITERATES AND METHODS OF ENGLISH LANGUAGE TEACHING” Organized by Department of English in collaboration with IQAC & Alumni Association of VSR & NVR College(Autonomous),Tenali.

**Sri K.Suresh Kumar, M.Sc.,B.Ed.**

- ↔ Given a Two Day Guest Lecture on “Vector Calculus” at Department of Mathematics, PBN College, Nidubrolu from 12-12-2019 to 17-12-2019.
- ↔ Given a Two Day Guest Lecture on “Solid Geometry” at Department of Mathematics, Balaji Degree College, Nidubrolu from 06-01-2020 to 07-01-2020.
- ↔ Given a Three Day Extension Service for conducting Classes on “Arithmetic and Reasoning Skills” at Department of Mathematics, Balaji Degree College, Nidubrolu from 05-08-2019 to 07-08-2019.
- ↔ Given a Three Day Extension Service for conducting Classes on “Arithmetic and Reasoning Skills” at M.S.R.Z.P.H. School, Khajipalem from 21-01-2020 to 23-01-2020.

**Smt.M.Saroja, M.Sc.,B.Ed.**

- ↔ Given a Three Day Extension Service for conducting Classes on “Arithmetic and Reasoning Skills” at Department of Mathematics, Balaji Degree College, Nidubrolu from 05-08-2019 to 07-08-2019.
- ↔ Given a Three Day Extension Service for conducting Classes on “Arithmetic and Reasoning Skills” at M.S.R.Z.P.H. School, Khajipalem from 21-01-2020 to 23-01-2020.

**Sri V.Sasi Sankara Reddy,M.Sc.**

- ↔ Participated 1<sup>st</sup> International Conference on “Recent Advances in Chemical,Pharmaceutical and Biological Sciences(RACPABS)-2020” Organized by Department of Chemistry, Acharya Nagarjuna University,Nagarjuna Nagar, Guntur from 5<sup>th</sup> to 7<sup>th</sup> March, 2020.
- ↔ Participated a One Day International Seminar on “EMERGING TRENDS IN CHEMISTRY AND ITS ALLIED SCIENCES”, Organized Jointly by Department of Chemistry, The Bapatla College of Arts & Sciences & Royal Society of Chemistry(London,UK)-Local Section Deccan, India on 23<sup>rd</sup> December, 2019.

**Smt.U.Vidyamani, M.Sc., M.Phil.**

- ↔ Participated a National Seminar on "Science for Sustainable Rural Development" organized jointly the Indian Science Congress Association Tirupati Chapter and JKC College, Guntur from 24<sup>th</sup> to 26<sup>th</sup> February, 2020.

- ↔ Participated 1<sup>st</sup> International Conference on “Recent Advances in Chemical, Pharmaceutical and Biological Sciences(RACPABS)-2020” Organized by Department of Chemistry, Acharya Nagarjuna University, Nagarjuna Nagar, Guntur from 5<sup>th</sup> to 7<sup>th</sup> March, 2020 and presented a paper entitled “Thermodynamic Transport and Acoustic Properties of Butyl Acetate with some Alcohols at different Temperatures.
- ↔ Participated a One Day International Seminar on “EMERGING TRENDS IN CHEMISTRY AND ITS ALLIED SCIENCES”, Organized Jointly by Department of Chemistry, The Bapatla College of Arts & Sciences & Royal Society of Chemistry(London,UK)-Local Section Deccan, India on 23<sup>rd</sup> December, 2019.
- ↔ Participated a Two Day National Workshop on “Separation Techniques by Chromatographic Methods(STCM-2020), Organized by the Department of Chemistry, AG & SG Siddhardha Degree College(Autonomous), Vuyyuru on 3<sup>rd</sup> & 4<sup>th</sup> January, 2020.
- ↔ Participated UGC Sponsored One Day National Symposium on “INNOVATIVE ADVANCES AND IMPACT OF THE CHEMICAL ELEMENTS FOR SUSTAINABLE DEVELOPMENT” Organized by Department of Chemistry, JKC College(Autonomous),Guntur on 31<sup>st</sup> December, 2019
- ↔ Participated Two Day National Conference on Recent Trends in Chemical, Pharmaceutical and Material Sciences(RTCPMS-2020), Organized by Department of Chemistry, Bapatla Engineering College(Autonomous),Bapatla during 13<sup>th</sup> -14<sup>th</sup> March, 2020.