

DEPARTMENTAL ACTIVITIES 2019 - 2020

S.No	INDEX
1	Health survey program
2	Visit to India Lab Expo
3	Visit to CDFD
4	Coordinatorship for National Seminar
5	Research Guidance
6	Go Green Program 2019-2020
7	Seminar at Vignana Jyothi College
8	Attended NAAC workshop on RAF

REPORTS

1. Health survey program at KMICS – conducted by Dr. B. Kiran Kumar

A health survey program, which was also a research project, was conducted on 25th September 2019 for students and faculty members to monitor their health status by assessing

(i) general health check which includes blood pressure check (ii) Body mass index (BMI), and dietary habits. General health check and blood pressure was assessed by senior doctors from reputed government and private hospitals along with their associate staff members.



Second year students of BtMbC were trained for taking measurements of BMI, diet assessments (a skill being imparted for professional development), and further on handling of the data, and coding. This program was planned as an add-on skill for third semester course work on

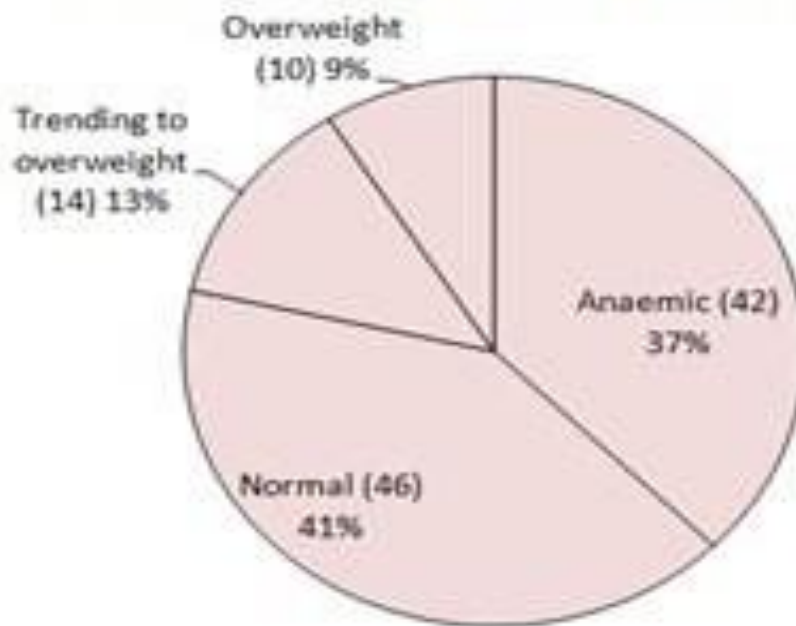
the concept of 'involvement learning'. Students have performed best of their part, with active involvement in every aspect of the program.



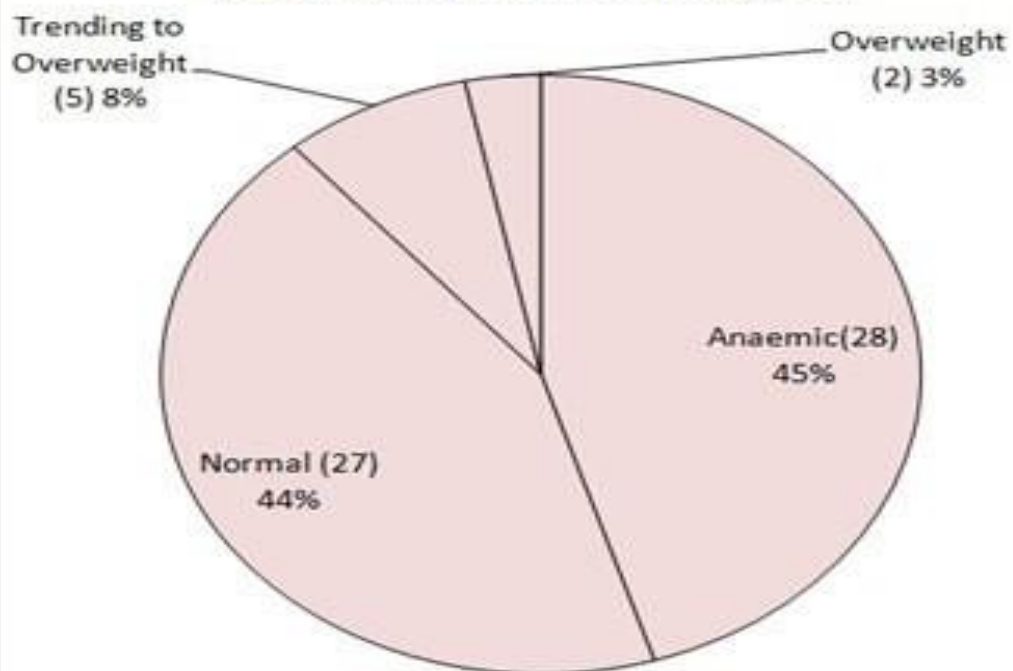
Health survey was conducted for 112 students (representing first, second and third year B.Sc. and B.Com), and 38 members of KMICS staff. From this preliminary assessment, 37% of the students were found to be under weight, 9% overweight and 13% trending to be overweight. When only girls students were compared, 47% of them were found to be underweight. It was found that most of the students who are underweight are not taking either adequate food or a balanced diet.

This makes a serious concern about the health status of the students, as it is said that a sound body makes a sound mind. A student can perform best when the pupil's health is good. I hereby recommend all the students to get assessed of their health and follow appropriate measures. Many of the staff members have been found to be overweight and need to take appropriate measures.

BOYS AND GIRLS health status based on BMI (n=112)



GIRLS health status based on BMI (n=62)

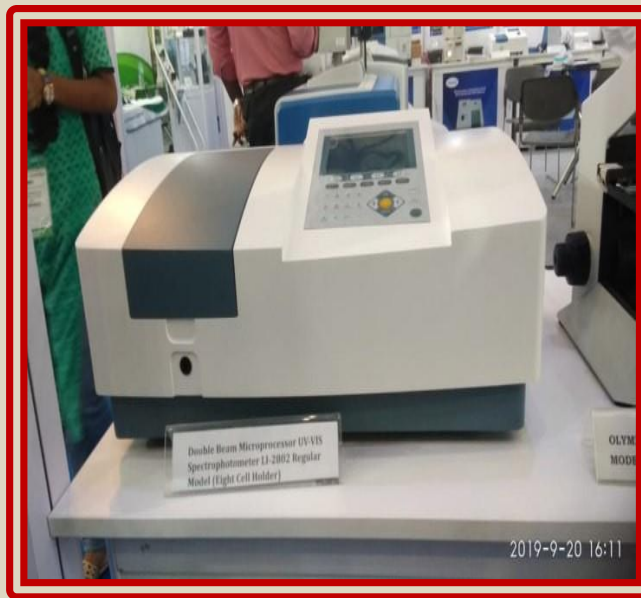


2. Visit to India Lab Expo – by Dr. B. Kiran Kumar

Students of second and final years were accompanied to an industrial exhibition on laboratory equipments for biological research and equipments in pharma industry, held at HiTex, Madhapur on 20th September 2019. National and Multi-national companies from all over the world , manufacturing R&D equipments have set up their stalls displaying all the latest equipments, explaining their functionality and their use in research. It was a very good opportunity for students to learn about such equipment.







3. Visit to CDFD – by Dr. B. Kiran Kumar

Students of second and third year were accompanied to Centre for DNA Fingerprinting and Diagnostics (CDFD), Hyderabad, a centre of Department of Biotechnology, Govt. of India, on account of its open day on 27th January 2020. CDFD staff and research scholars have displayed their research works in the form of posters, and exhibits of research materials. Students have got



an opportunity to learn about their research programs, and also the research equipments like DNA sequencers, Real time PCR machines, advanced microscope equipments, and advanced macro-molecular analytical systems.



4. Coordinatorship by Dr. B. Kiran Kumar for National Seminar - “Emerging trends in Nanochemistry”

Have taken the role of Co-ordinator and guided Department of Chemistry, KMICS to conduct national seminar on “Emerging trends in Nanochemistry”. Have guided for (i) planning and execution of the whole program, (ii) contacting the speakers, (iii) planning and contacting the sponsors, (iv) reach out to all the colleges and in (v) conducting the poster presentation. Have compiled and brought out the Souvenir and Abstracts book (Available at KMICS website).

:: PATRONS ::

Justice L. Narasimha Reddy
President, KMES, Chairman, CAT & Chancellor, University of Hyderabad

J. Narasimha Rao
Vice President
Keshav Memorial Educational Society

Dr. A. Subramanyam
Secretary
Keshav Memorial Educational Society

Sri B. Sridhar Reddy
Joint Secretary
Keshav Memorial Educational Society

Sri L. Prabhakar Reddy
Treasurer
Keshav Memorial Educational Society

:: ADVISORY COMMITTEE ::

Prof. Dr. J. Gopal Reddy
Member, UGC

Prof. Dr. K. Bhaskar
BOS, Department of Chemistry, OU

Prof. Dr. T. Veera Somaiah
Head Department of Chemistry, OU

Prof. Dr. K. Madhukar
Department of Physics, OU

Dr. J. Nageswara Rao
Principal, KMICS

:: CONVENOR ::

Ms. G. Hima Bindu
Head, Department of Chemistry, UG
9640653847

:: CO-ORDINATORS ::

Dr. B. Kiran Kumar
Lecturer, Department of Biotechnology
9848549734

Ms. K. Gayatri
Lecturer, Department of Chemistry
9885503708

:: ORGANIZING COMMITTEE ::

Dr. P. Somanatham
Vice principal, KMICS

Ms. P. Shrivanthi
Head, Department of Organic Chemistry, PG

M. Sangeetha Lawrence
Head, Department of Analytical Chemistry, PG

Ms. A. Padmaja
Head, Department of Microbiology

Ms. Kavitha Varak
Head, Department of Biotechnology

Ms. S. Vijitha
Head, Department of Computer Science

Ms. A. Venuka
Head, Department of Mathematics

Ms. Priyanka
Head, Department of Physics

Ms. Lavanya
Head, Department of Statistics

Mr. Jalander
Lecturer, Department of Computer Science

Ms. A. Maheshwari
Lecturer, Department of Chemistry

Ms. Lalithya
Lecturer, Department of Microbiology

Ms. Veda
Lecturer, Department of Physics

Mr. Poshappa
Physical Director

Venue

SARDAR PATEL AUDITORIUM - KMES
Narayanaguda, Hyderabad - 500 029

KESHAV MEMORIAL INSTITUTE OF
COMMERCE & SCIENCES

NARAYANAGUDA, HYDERABAD-29.

Phone: 040 23224651

Email: principal.kmics@gmail.com

Website: www.kmics.org.in



NATIONAL SEMINAR ON EMERGING TRENDS IN NANO CHEMISTRY

14th February, 2020



Organized by

DEPARTMENT OF CHEMISTRY
KESHAV MEMORIAL INSTITUTE OF
COMMERCE & SCIENCES

(Affiliated to Osmania University)
NARAYANAGUDA, HYDERABAD-29.

Email: nanochem.kmics.ac.in

Website: www.kmics.ac.in

5. Research Guidance by Dr. B. Kiran Kumar

Motivated and guided students and staff members to generate and conceptualize research ideas and write abstracts for poster presentation, with hands on training on literature review. Twenty students and four staff members have submitted their abstracts for poster presentation for the national seminar “Emerging trends in Nanochemistry” held at KMICS; of which, two of the students were selected for best poster presentation by Professors and senior scientists from Osmania University, HCU, ICT, and ARCI.

6. Go Green Program 2019-2020 conducted by

Dr. B. Kiran Kumar

Initiated go green program in the last week of January 2020 with first year BtMbC Students: As biology students, they have to learn many practical skills that can help them in their professional life. It was therefore planned to impart some skills, involving them in work, and as fun experiments, which are outside of their academic syllabus, without disturbing their academic schedule. Students were made to understand about sprouting of different types of seeds, methods to breaking dormancy, and various approaches to early sprouting. Teaching skill and simultaneously imbining social responsibility is what is important in sculpting a graduate. Hence the ‘Go green’ program was planned for students to grow plants and distribute to the people with a message to grow trees everywhere and contribute to environment. In the previous year, Go green program was carried out by the then first year students, which was successfully concluded. Again, this academic year, the program was initiated with first year students. Students were guided to secure the materials, have sprouted seeds and raised the plantlets.





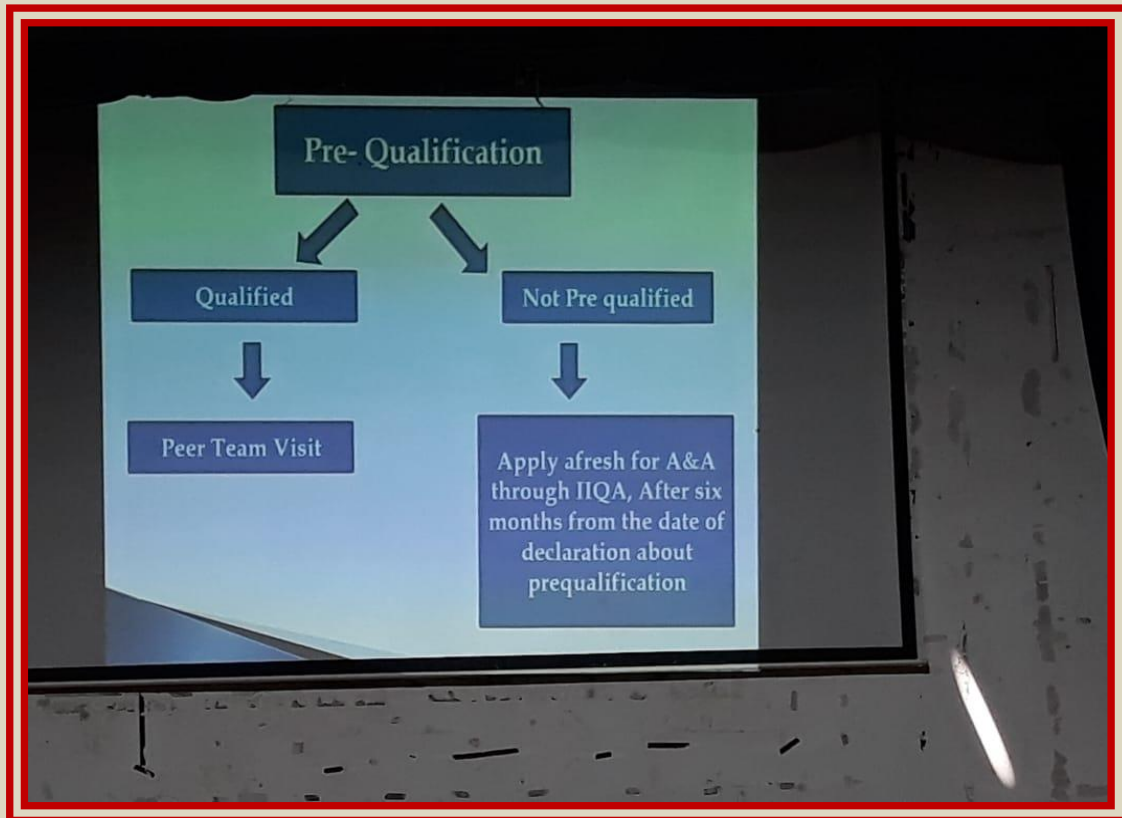
8. Seminar on NAAC Accreditation was attended by Ms.Kavitha Varak at Vignana Jyothi college, Hyderabad





9. Assessment & Accreditation Process of NAAC in Revised Accreditation Framework workshop attended by Ms.Kavitha Varak on 13th March 2020 at Shivaji University, Maharashtra.





In the Workshop outlines of Revised Accreditation Frame Work were explained:

The Revised Accreditation Framework is launched in July 2017. It represents an explicit paradigm shift making it ICT enabled, objective, transparent.

The change is:

- **From qualitative to data based quantitative indicator evaluation**
- **Peer judgment with increased objectivity and transparency in terms of simplification of the process drastic reduction in number of questions, size of the report, visit days, and so on**

- **In terms of boosting benchmarking as quality improvement tool. This has been attempted through comparison of NAAC indicators with other International Quality Assurance frameworks**

