



**BISHOP MOORE COLLEGE MAVELIKARA
INTERNAL QUALITY ASSURANCE CELL**

REPORT ON ANNUAL ACADEMIC AUDIT 2018-20

DATE: 26/08/2020

MEMBERS PRESENT:

- Dr. Jacob Chandy (Principal and Auditor)
- Dr. Ranjith Mathew Abraham (IQAC Convener and Head of the Department of Economics)
- Dr. Anne Angeline Abraham (Head of the Department of English)
- Dr. Sajeeve V P (Head of the Department of Commerce)
- Mrs. Sajini Deena Mathew (Head of the Department of Commerce)
- Capt. Cigi P George (Head of the Department of Physical Education)
- Dr. D Sajan (Head of the Department of Physics)
- Mrs. Siji K Mary (Head of the Department of Chemistry)
- Dr. Dinesh Raj R (Head of the Department of Botany and Biotechnology)
- Mrs. Simili Abraham (Head of the Department of Mathematics)
- Dr. Deepthi G R (Head of the Department of Zoology)

AIM:

To audit the academic, co-curricular activities of the Departments in the times of the pandemic

The Process

The Annual academic audit of the academic years 2018-20 was held on 28 August 2020 at 9.30 am in the Principal's Office. All the Department Heads presented the report of the activities of 2018-20.

Active peer group discussions were held.

Focus was given on the following aspects:

- Student Progression in the academic sphere
- The way online classes were conducted during the pandemic times

General Suggestions from the Discussions:

- The IQAC convener informed that all Departments should ensure that the teaching - learning process is going on as per learning outcomes based curricular framework and student centric learning methodologies.
- The IQAC Convener stressed on the need for teachers to be more IT literate and savvy. He urged that all teachers should create at least one course in moodle.
- It was decided to streamline the Internal Assessment process affected by the shutdown of physical classrooms
- The principal informed the Science Departments to make use of the virtual labs provided by various institutions.
- It was suggested to encourage students to enroll and successfully complete Coursera/SWAYAM NPTEL courses.

ORGANISATIONAL UNIT WISE REPORTS

I. DEPARTMENT OF ENGLISH

Commendations:

1. The audit team congratulate the Department for organizing the three-day International Conference on Marxism was conducted from 7-9 January 2019, in collaboration with Sree Sankara University, Kalady, with the support of the Kerala State Higher Education Council and Litcritt.
2. The Golden Jubilee Lecture Series to commemorate 50 years of its existence was appreciated
3. The conduct of the KSHEC Erudite Scholar in Residence Programme with Prof. Simon During (Professorial Fellow, University of Melbourne) as resource person on 20th September 2019 was appreciated.
4. The visit of Tenzin Tsundue, Tibetan poet to the campus and his lecture on Poetry in Exile on November 1st, 2019 was commendable.
5. Pass percentage for BA English Language and Literature is 94.8% and that of MA English Language and Literature was 100%, both being well above the University pass percentage.

Suggestions:

1. More articles in UGC approved journals shall be published
2. To establish more formal MoUs

II. DEPARTMENT OF ECONOMICS

Commendations:

1. The conduct of the Invited talk on the topic, "*Character - A Key Investment to Success*", was appreciated.
2. Release of the The Golden Jubilee Souvenir of the Department "*Vidhyadhanam*" was highly appreciated.
3. The pass percentage of 75.5% for BA Economics was satisfactory as it was well above the University average.
4. A talk was organized on the topic 'Digital Banking' on 27th September 2018 in association with SBI Mavelikara with resource persons Mr. Binoy, Mr. Biju and Mr. Aravind. The topic of the talk was appreciated.

Suggestions:

1. More National/International Programmes to be organized
2. More articles in UGC approved journals shall be published
3. Proposal for starting New PG courses to be submitted.
4. To establish more formal MoUs

III. DEPARTMENT OF COMMERCE

Commendations:

1. **Workshop on SWAYAM**, an initiative of the Department of Commerce for the faculty members across India to learn how SYAYAM –the Indian MOOC functions, organized in association with Educational Multimedia Research Centre (EMMRC) Calicut was highly commended.
2. The invited talks on relevant topics like "Recent Trends in e-banking", Career Orientation sessions, Alumni talks etc. were commendable.
3. The conduct of the Best Manager Competition to enhance the managerial abilities of students of the College and other colleges were highly appreciated

4. The conduct of the Interschool Business Quiz An Interschool Business Quiz to familiarize the school students with the emerging areas of business and commerce was commendable.
5. The pass percentage of BCom was 90.1%, which was well above the University average.

Suggestions:

1. Apply for post-graduation
2. Students and faculty to involve in productive research
3. To establish more formal MoUs

IV. DEPARTMENT OF BOTANY AND BIOTECHNOLOGY

Highlights:

1. As part of the inauguration of Association activities of the Departemnt Dr. Stephen Sequeira delivered a lecture on 'Distribution and Diversity of Lichens with Special Reference to Kerala'
2. World Wetland Day celebrations conducted.
3. Initiative towards formation of ASPIC club was appreciated
4. Training on Mushroom cultivation and marketing was conducted on 24th January, 2020 in association with the Department of Zoology, aimed to attract student entrepreneurs into mushroom farming was commendable.
5. The three-day National Seminar 'Current Trends and Advances in Biological Sciences (CTAB – 2020)' held 5th to 7th February, 2020 was appreciated.
6. The pass percentage of 83.8 for BSc Botany, 77.7 for BSc Botany and Biotechnology and 100% for MSc Botany was well above the University average.

Recommendations:

1. Apply for Botany Research Centre
2. To establish more formal MoUs

V. DEPARTMENT OF PHYSICS

Commendations:

1. The audit team congratulated the Department for bagging the first rank in MSc Physics as well as for the four students of Final semester Degree for clearing JAM and being placed in IITs.

2. 'National Seminar on Scientific Solutions for Sustainable Rebuilding of Kerala in the Post Flood Scenario' was organized by the Department of Physics, IQAC and DBT STAR College Scheme in association with Directorate of Environment & Climate Change (DoECC), Govt. of Kerala from 09 to 10 Jan 2020. Medha Padkar, Renowned Environmentalist and Shri M. C. Dathan, Scientific Advisor, Kerala Government interacted with the students. Training on paper bag making for Kudumbasree members were also organize. The choice of theme and resource person were highly appreciated.
3. The conduct of 'Winter School on Materials and Molecular Simulations using Open Source Softwares: From Theory to Practice' was appreciated.
4. The conduct of the Workshop on IPR and SPSS was commended by the audit team.
5. The release and circulation of manuscript, COSMOS, prepared by students was appreciated.
6. The hands-on workshop on BSc Physics projects given to students were appreciated.
7. The research output of the Department was congratulated.
8. The conduct of the KSHEC supported E-Summer School was appreciated.
9. The pass percentages of BSc and MSc Physics were 79.4 and 90.9, which were well above the University average.

Suggestions:

1. To establish more formal MoUs

VI. DEPARTMENT OF CHEMISTRY

Highlights:

1. The Post Graduate and Research Department of Chemistry, Bishop Moore College, Mavelikara and Pushpagiri Research Centre Thiruvalla entered into a Memorandum of Understanding (MoU) for the development of scientific research programmes in the field of Bio-nanocomposites and biobased aerogels.
2. A patent has been granted to Ms. Siji K Mary, Ms. Rekha Rose Koshy and Dr. Laly A Pothan(Rtd) for the invention entitled "CRYSTALLINE CHITIN NANO WHISKER AND COMPOSITES THEREOF" by The Government of India (Patent Number: IN 329388) on January 2019
3. The hosting of Shasthrajalakam programme for school students was appreciated.
4. In association with Pushpagiri Research Centre, a National Conference BIORADIANCE 2019 "Toxicity and Current Perspectives" was organized on 5th and 6th July 2019.

5. World Environment Day celebrations were commended by the team.
6. The pass percentage of 78.7 and 91.6 for BSc Chemistry and MSc Analytical Chemistry is well above the University average.

Recommendations:

1. Organise international programmes online.

VII. DEPARTMENT OF MATHEMATICS

Commendations:

1. The Inter-Department teaching competition, "Drona" organized by the Department was commended.
2. The introduction of JAM/PG Entrance Coaching classes was highly appreciated.
3. Three-day workshop on Foundations of Mathematics for B.Sc. second and final year students organized from 27 to 29 May 2019 was commended.
4. The conduct of the Seminar on "Statistical science for scientific research" was appreciated.
5. The pass percentage of 74.3 was well above the University average.

Recommendations:

1. Apply for PG Mathematics
2. Students and faculty to involve in active research.

VIII. DEPARTMENT OF ZOOLOGY

Highlights:

1. In association with Department of Botany and Biotechnology, a hands-on training workshop on the various aspects relating to the cultivation, propagation and marketing of mushrooms in Kerala was conducted on 24th January 2020 under the leadership of ICAR faculty.
2. The Department was congratulated for conducting the training programme for gifted children.
3. A talk on "Global Warming and Natural Calamities" on 26th September 2018. A video regarding "Solid Waste Management" was also arranged as part of this invited talk. The theme was highly appreciated.
4. The pass percentage of 96.5 was highly appreciated.

Suggestions:

1. Apply for PG in Zoology
2. Enter into formal collaborations for academic/research activities.

IX. EXTENSION/CO-CURRICULAR ACTIVITIES

Commendations:

1. Paper pen Release and Nature Conservation Day Celebration by NSS was appreciated.
2. Observance of Unity Day was mentioned positively.
3. Debate on Religion and Human right and observance of human right day by NSS received special mention.
4. The Cleaning Pandanad project of NSS as part of flood relief activities was appreciated.
5. The participation of the NSS units in Rebuild Kerala Project of the Government received special mention.
6. Beautification of campus using plastic bottle gardening was appreciated.


Suggestions:

1. COVID relief activities to be initiated.
2. Sustainable Development to be given more emphasis

X. ADMINISTRATIVE AUDIT

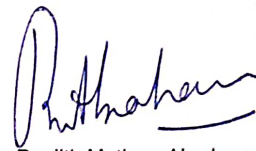
1. 1029 students received Government scholarships during 2018-19 and 953 students during 2019-20.
2. 16 students received institution scholarships during 2018-19 and 19 students during 2019-20.

The meeting came to close at 1.00 pm



Dr. Jacob Chandy

PRINCIPAL & AUDITOR



Dr. Ranjith Mathew Abraham

IQAC Convener