

The IQAC, Islamiah College (Autonomous) Vaniyambadi has started the practice of conducting Internal Academic Audit (IAA) from 2014 with the help of Two Internal Academic Auditors namely Dr. S. Raja Mohamed Kamil, Associate Professor of Chemistry and Dr. A. Noor Mohamed, Associate Professor and HOD of Commerce. The period of Internal Academic Audit for which the present report has been submitted is from 01-01-2014 to 31-12-2104 i.e., the academic performance of two semesters. The Internal Academic Audit has been submitted under criteria wise covering all important aspects. The IAA process was started on 16.02.2015 and completed on 26.02.2015. The Internal Academic Auditors has prepared the report by personally visiting all the departments and collecting necessary information relating to their respective departments.

### **I - CURRICULUM DESIGN**

The designing of curriculum is the fundamental and foremost part of Academic structure. Curriculum is designed with the aim of keeping pace with the modern day advancement as well as providing employment opportunities to the students. The autonomy of this college gives free hand to design our own curriculum to fulfill the above requirements and thereby enabling us to produce graduates anchored with outstanding skills and leadership qualities.

In BBA, the most wanted subjects like 'Advertisement and Salesmanship' and 'Tally and Export Management' have been introduced.

In B.Com (C.A), the topics teaching the recruitment procedure of UPSC, TNPSC AND RRB and training methods of leading companies like TCS, WIPRO, PEPSI are included in the syllabus.

In B.Com (F&A), the curriculum design concentrates on training the students in the field of financial services, accounting and auditing.

In B.Com, the new papers such as 'Recent trends in Banking and Technological development in Banking' and 'Recent trends in Marketing' have been introduced. In M.com, the topic 'Human resource accounting and social responsibility accounting' is introduced in 'Advanced Accounting' paper.

In B.A (History), the papers including 'General Knowledge and Awareness' and 'Civil Services and other competitive examinations have been introduced in III and IV semesters respectively.

In B. Sc (Mathematics), the paper 'Hands on training with computer' has been introduced in the curriculum.

In both the under graduate and post graduate courses of Chemistry, practical skills are honed by introducing semester wise practical examinations. Industry oriented topics have become the part of the syllabus. Modern teaching methods through multimedia classes are being adopted.

In Biochemistry course, the job oriented 'medical lab technology' paper is introduced in V semester of under graduation and 'nano biochemistry' has been introduced at post graduate level.

In Biotechnology, the papers consist of skill based subjects such as aquaculture biotechnology; human pathology, vermicomposting etc have been introduced. The papers such as medical biotechnology, nano biotechnology are given as electives. In M.Sc biotechnology, the optional subjects are immunotechnology, aquaculture technology etc.

In designing the Tamil syllabi, the emphasis was given for moral literature and the articles of eminent persons are also included to boost the self confidence of the students.

The department of English has prepared text books for II B.A/B. Sc students.

## **II -INTER DISCIPLINARY PROGRAMMES**

BBA department offers Management subjects dealing with Training and development Employees to the students of other departments.

B.Com (CA) offers Income Tax as non-major subject to BBA students to make them aware of basic principles of IT.

The Commerce department conducts add on courses such as Certificate Course in E-Commerce and footwear technology for 40 students from all departments and Computer Applications in business is offered to history department students as Non-Major subject.

History department offers Indian National movement and Indian political system as non-major papers for B.Com and B.Com (FA) students.

The Physics department offers subjects like 'Fundamental of Electrical and Electronic measurements' and 'Maintenance of Home Appliances' as non-major subjects for the students of B.Com (FA) and B. Sc (Mathematics) students.

The Computer Science department offers 'Introduction to IT' and 'Internet and its Applications' for III semester and IV semester students of other department students.

The Department of Chemistry conducts inter disciplinary research with the Physics department leading to the award of PhD degrees to the faculty members of Physics.

Biochemistry department has introduced diagnostic biochemistry for B. Sc Biotechnology students.

The department of English offers 'English for communication' for B. Sc computer Science students of III Semester and 'Business writing in English' for IV semester students.

### **III-EXAMINATION REFORMS**

The internal marks have been divided under three categories of tests, assignments and attendance. Out of 25 marks, 15 marks for CIA tests I & II, 05 marks for assignment and 05 marks are allotted for attendance.

The Office of the Controller of Examinations has introduced the system of Computed Generated Random Dummy Numbers for the Autonomous Examinations in order to

maintain confidentiality and transparency. Similarly the OMR Mark Sheet has been introduced in order to speed up the process of results publication.

#### IV- FACULTY DEVELOPMENT PROGRAMME

The staff members of all the departments periodically participate and present papers in Seminars, Symposia and Conferences at State, National and International levels.

In BBA, Dr. M. Abdul Kader, secured Ph. D in commerce in 2014 and other three faculty members are pursuing Ph. D programme.

In B. Com (FA), Mr. M. A. Bilal Ahmed has submitted his Ph. D thesis. Mr. Srinivasan has submitted his Ph. D synopsis under the guidance of Dr. T. Mohamed Ilyas, Associate Professor of Commerce.

In B. Com Mr. V. Valecullah has submitted his Ph. D synopsis and Mr. S. Mohammed Naseeruddeen is doing M. Phil (Part-Time) course. Dr. V. Mahmudul Hasan, Mr. S. Md. Naseeruddeen, Dr. G. Azad Basha, Dr. D. S. A. Mehaboob and Mr. A. Khaleequssaman attended 28 day orientation programme..

In Physics department, Dr. Asgar has been awarded Ph. D and two other members are pursuing Ph. D (Part-Time) course.

In the department of Chemistry, M. A. Nazim Ahmed, submitted his Ph. D thesis. Mr. S. Jaffer Sathik and Mr. A. Sowkath submitted their synopses. Four more staff members got approval for M.Phil guideship from Thiruvalluvar University.

In Biochemistry, Dr. M. P. Asher Waheed completed Ph. D degree from Bharathia University, Coimbatore. Mr. V. Magendiramani is doing Ph. D, Part-time course and Mr. A. Amjat Hussain has registered for M. Phil (part-time) in this college.

In Biotechnology department, Mr. A. Mahaboob Ali has submitted his Ph. D thesis. M. A. Mubarak Ali and Mr. N. Shabeer Ahmed have registered for Ph. D (Part-time). M. A. Mubarak Ali, Mr. Mahaboob Ali and Dr. N. P. M. Mohd. Tariq attended 21 day refresher course.

In Tamil department. Mr. Mujiburrahman and Mr. Venkatakrishnan have submitted their Ph. D theses.

### **V-SEMINAR / WORKSHOPS CONDUCTED**

The IQAC of our college organized one day Workshop on 'Institutional Preparedness for Autonomy Review on 29.10.2014.

B. Com (FA) conducted one day seminar on "The impact of minority higher educational institution on Empowerment of the deprived classes in India" on 27<sup>th</sup> and 28<sup>th</sup> May, 2014. The department also conducted an orientation programme for auditing practices on 28<sup>th</sup> August, 2014.

Department of commerce conducted a seminar on "Financial Education" on 12<sup>th</sup> October 2014 in association with SEBI-NISM, Bangalore.

The History department conducted one day state level seminar entitled "The contributions of Educational Associations and Institutions and social service Organizations of the Vellore District" on 18<sup>th</sup> March 2014.

The Mathematics department conducted a state level conference on "Mathematical Systems" on 16<sup>th</sup> March 2014.

The department of Physics conducted UGC sponsored National level seminar on "Advanced materials on 4<sup>th</sup> and 5<sup>th</sup> March 2014. One day state level seminar was also organized by the Physics department on "Recent trends in Material Science" on 6<sup>th</sup> March 2014.

The department of English conducted one day workshop on "Developing English language through stories" on 29<sup>th</sup> January 2014. The English department also conducted one day workshop on "Evaluation of Four skills" for teachers on 19<sup>th</sup> February 2104.

### VI- RESEARCH PROJECTS ONGOING/COMPLETED

Dr. H. Abdul Jaffer Ali of Biotechnology department is carrying out the DBT funded research project titled "DNA barcoding of marine ascidians" with the grant of Rs. 26.1 Lakhs

### VII- NEW COLLOBORATIVE PROGRAMMES

The Department of Chemistry and Biotechnology are undertaking collaborative research programme carried out jointly by Dr. K. Subramani, Associate Professor of Chemistry and Dr. H. Abdul Jaffer Ali, Associate Professor of Biotechnology project titled "DNA barcoding of marine ascidians" funded by DBT with the grant of 26.1 lakhs.

### VIII-DETAILS OF RESEARCH SCHOLARS - M.Phil & Ph.D- ONGOING/AWARDED

DEPARTMENTS	M.Phil		Ph.D	
	Ongoing	Awarded	Ongoing	Awarded
BA(Eco)/B.Com (FA)	-	-	03	-
Commerce	11	04	15	01
Mathematics	25	12	-	-
Physics	19	07	-	-
Computer Science	-	10	-	-
Chemistry	25	-	20	05
Biochemistry	05	20	-	-
Biotechnology	02	-	06	-
Tamil	-	-	08	-
History	20	02	03	01

**IX- PUBLICATIONS-2104**

DEPARTMENTS	NATIONAL	INTERNATIONAL
BBA	-	-
B.Com (CA)	-	-
B.Com (FA)	01	-
Commerce	02	15
History	05	-
Mathematics	09	01
Physics	-	07
Computer Science	02	07
Chemistry	13	05
Biochemistry	05	04
Biotechnology	-	-

**X- GOOD PRACTICES OF THE DEPARTMENTS**

The students of BBA are encouraged to participate in State and National level Seminars, Cultural programmes and competitions conducted in other colleges.

B.Com (CA) department conducts regular parent-teacher meeting to apprise the performances of the individual students. The practice of News paper reading is inculcated among the students to know the developments in stock exchange.

B.Com (FA) department encourages their students to learn computer technology by using laptops.

The department of Commerce maintains the departmental library containing books of 140 titles. These books are lent for the students to for prepare for examinations as well as for instant references.

The department of History offers counseling to the students regarding filling up of applications for competitive examinations and for preparations.

The department of Mathematics is guiding the students to appear for competitive examinations conducted by UPSC, TNPSC, UGC, CSIR etc. This department also conducts remedial classes for slow learners.

In the Physics department, a corpus fund has been created from contributions from the staff members to help the deserving poor students.

The department of Computer Science sends SMS alerts to the parents of the students about their attendance. It provides internet facility for students' project during leisure hours.

The department of Chemistry conducts regular remedial classes for poor performers and also run coaching classes for all competitive examinations. The students are encouraged to involve the activities of the forum, Rural Society for the Advancement of Chemistry, (RUSAC). The PG students are given first hand information and training to operate the sophisticated instruments in the laboratories, FIST I and FIST II.

The Biochemistry department utilizes the funds obtained from the alumni for the purchase of chemicals, kits etc. This department also plays the video lectures of the eminent persons during the leisure hours.

#### **XI-STUDENT ATTENDANCE**

A minimum of 75% attendance is required to appear for both theory and practical examinations. The students with 65-74% of attendance are listed under shortage of attendance and they need to pay condonation fee to become eligible to write the examinations. The students who have 55-64% are detained and those with less than 55% have to redo the course.

Nearly 85% of the students have attendance over 75%. Almost all the remaining students pay the condonation fee and write the examination.



## XII- RESULT ANALYSIS

The overall results of the students in all the departments are fairly good. However, the papers which need to be concentrated are mentioned here.

**BBA April-2014** In first year, the result of 'Banking & Financial system' is 45% and in II BBA the results of 'Financial Management (Allied)' is 46%.

**Nov-2014** In I year, the pass percentage of 'Principles of Management' is 41% and that of 'Business Organization' is mere 30%.

**B.COM (CA) April-2014** In the paper, 'Corporate Accounting II', the result was 46%.

**Nov-2014** In the first year 'Principles of Management', the percentage of result is 40%. In the second year, the papers, 'Corporate Accounting I' and 'Data base management system' have the pass percentages of 40% and 11% respectively. In Third year, 'Banking law & practice' has the pass percentage of 31% and the Web Technology has 44%.

**B.COM (FA) Nov-2014** In Second year B.com, 38% of the students have passed in the paper 'Business Statistics', 22% of the students have passed in 'Modern Banking' and 26% of the students have passed in 'Managerial Economics'. In Third year, the pass percentages of the papers, 'Business Communication' and 'Elements of Insurance' are 38 and 39 respectively.

**B.A (HISTORY) NOV-2014.**

YEAR	NAME OF THE PAPER	% PASS
I	History of India AD1206	32
I	History of Tamilnadu	22
II	Tourism-Principles and Policies	37
III	History of USA	41

**B.Sc & M.Sc Mathematics April-2014** . In M.Sc, 'wireless network' paper has the pass percentage of 21% and that of 'grid computing' is just 14%. In Nov 2014 exams 36% of I B. Sc students passed the 'geometry' paper. In II B.Sc the pass percentage is 40% in 'Differential equation' and 'Statistics'.

**PHYSICS**

B.Sc	YEAR	NAME OF THE PAPER	% PASS
APR 14	I	Thermal and Statistical Physics	23
	II	Electronic instruments and measurements	29
	II	Optics and Laser physics	13
	II	Allied Mathematics	05
NOV 14	I	Allied Chemistry	36
	II	Maths I	07
	III	Semiconductor devices	38

**CHEMISTRY**

B.Sc	YEAR	NAME OF THE PAPER	% PASS
APR 14	I	Allied Physics II	30
"	II	Allied Mathematics II	17
NOV 14	II	General Chemistry III	04
"	II	Introduction to IT	42
"	II	Allied Mathematics I	28
"	III	Physical Chemistry I	47
M.Sc			
APR 14	I	Advanced Physical Chemistry	40
NOV 14	II	Modern Physical Chemistry	22

**B.Sc BIOCHEMISTRY** In April 2014 the pass percentage in Allied Chemistry is 26%.

**XIII-LIBRARY**

The College library is the repository of 70,000 books with the addition of more and more new books every year. The library has the subscription for 175 national and international periodicals and 11 news papers. The digital section is possessed with video cassettes and CDs on various topics up to date. The library has numerous facilities listed below:

- DELNET
- INFLIBNET
- NPTEL e- Learning
- Wi-Fi
- Newspaper clipping Services
- Question & Book Bank Services
- Repographic service

## BOOK PURCHASE STATEMENT OF THE YEAR 2014

General Allotment Rs.	UGC grant Rs.	Books Added	Amount spent for Periodicals Rs.	Periodicals Subscribed
4,60,000	4,00,000	2638	3,23,370	167

BEST PRACTICES

Best library user awards are given every year for UG and PG students. The publications of the faculty members are separately displayed. The rare books are preserved and maintained with utmost care. Book exhibition is conducted every year. The National/State level seminars and symposia are conducted. The library has established a separate Virtual Library for the benefit of the students and research scholars.

**XIV-SPORTS**

The sports activities of the college are hectic inside and outside campus. The students participate inter-collegiate and University level tournaments in all disciplines of sports and games. In this process, they have won several prizes, awards, trophies etc. The highlight of their successful activities include:

- The first place secured by A. Ajith Ali (II M.Com) in Mr. Iron man -2014 body building championship at Karamadai on 12<sup>th</sup> October 2014.
- Mr. Ajith Ali of II M.Com winning I place in body building and II place in power lifting conducted by Thiurvalluar University at Vellore on 23<sup>rd</sup> December 2014.
- The Martial arts academy got overall championship in Karate in south India level Karate & Kung-fu at Islamiah College on 12<sup>th</sup> October 2014.

- The Winners-up in the smt. Rajeshwari Vishwanathan memorial Hand Ball tournament at VIT University in December 2014.

#### **XV-FUTURE PLAN**

- To begin certificate course in Accounting technicians (CAT) with the affiliation of Institute of Cost Accountants India (ICAI), New Delhi.
- The Department of Commerce has the plan to establish a full fledged computer laboratory. It has the proposal to conduct extension activities and community service programmes twice a year.
- The department of History is to organize a session of Tamilnadu History Congress, South Indian History congress and India History Congress. This department also has the plan to establish department library and museum.
- The Mathematics department is preparing to organize Annual thematic conference and refresher courses.
- The department of Physics is to fabricate exclusive laboratory to demonstrate the interesting experiments to the teachers and the students of the schools in the neighboring areas. It has the plan to conduct a certificate course in repairing and maintenance of common Home appliances.
- The department of Computer Science is planning to convert conventional class rooms into smart class rooms.
- The department of Chemistry is proposed to organize workshops, to expose the sophisticated instruments available in the FIST labs to the students of our own college and neighboring colleges thereby providing them practical experience.
- The department of Biochemistry is planning to introduce Ph.D in biochemistry. It has the proposal to adopt a village for screening the people for Diabetics in coordination with the government hospital. The Biochemistry department is also viewing to establish a clinical laboratory for public at subsidized rates.

- The department of Biotechnology is planning to conduct certificate courses like Vermiposting, Mushroom culture, Ornamental fish culture etc and to establish individual research units for Aquaculture biotechnology, Endocrine biotechnology etc. To organize National and International seminars is another plan of this department.
- To start U.G course in Tamil is the plan of the Tamil department. This department is to conduct competitions to improve the oratory and writing skills of the students.
- The department of English has the proposal to organize State/National level seminars.

#### **XIV-HEALTH AND COMMUNITY SERVICES**

##### **BLOOD DONATION**

The blood donation camp was organized on 16<sup>th</sup> March 2014 and 75 units of blood was donated to government hospital, Vaniyambadi.

The Youth Red Cross Society unit of our college arranged for blood donation from our students, Mr. Mohamed Azher Baig and Mr. C. Rasheed Ahmed of III B.Sc Chemistry to the patient admitted in MIOT hospital, Chennai for Bypass surgery on 16<sup>th</sup> August 2014.

Our college organized another blood donation camp in association with the government hospital, Vaniyambadi on 27<sup>th</sup> August 2014. YRC, NSS and NCC volunteers of our college donated 109 units of blood to the government hospital.

Our students, Mr. M. Jeeva and Mr. T. Sreedhar of I B.Sc Biochemistry donated blood to a patient suffered from renal failure on 12<sup>th</sup> November 2014.

##### **POLIO DROPS PROGRAMME**

NSS volunteers assisted the organizers in the polio drops programmes held a Government school on 19<sup>th</sup> January and 23<sup>rd</sup> February 2014.

**AWARENESS PROGRAMMES**

Rallies were organized by our NSS unit on voters' awareness on 22<sup>nd</sup> January and 09<sup>th</sup> November 2014.

An awareness rally on National disaster management was held on 13<sup>th</sup> January 2014 which was inaugurated by Thasildar of Vaniyambadi.

Denku fever awareness lecture was held in our College jointly with Vaniyambadi municipality on 30<sup>th</sup> 2014.

**NSS**

NSS unit conducted one day training programme on self empowerment on 05<sup>th</sup> August 2014.

One day campus cleaning work was carried out inside the Government hospital on 09<sup>th</sup> Sept 2014 by our NSS volunteers.

**NCC**

Associate N.C.C. Officer (A.N.O.) and fifteen Cadets attended the Army Attachment Camp held at 15 Gariwal Rifles, Hyderabad and Secundrabad from 1<sup>st</sup> September 2014 to 15<sup>th</sup> September 2014. Cadets were given hands on training in Stripping, Assembling, Care and Cleaning and Sight Setting of various weapons like SLR, LMG, SMC, INSAS, AK-47, INSAS LMG, PISTOLS, MMG and hand grenades of size 2mm to 12mm. They were also trained to use Rocket Launcher. Aim of Camp: "I AM A WARRIOR, FIGHTING IS MY DHARMA"

Ten Senior Cadets attended 'Basic Leadership Camp' held at Soka Ikeda College of Arts & Science, Madanengkuppam, Chennai from 21<sup>st</sup> October 2014 to 31<sup>st</sup> October 2014 for 11 days.

**Dr. S. RAJA MOHAMED KAMIL**

**DR.A.NOOR MOHAMED**

(Signature of the Internal Academic Auditors)