

**DEVA MATHA COLLEGE, KURAVILANGAD,
KOTTAYAM, KERALA**

**The Annual Quality Assurance Report
(AQAR) of the IQAC**

2012-13

Submitted to :

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
UNIVERSITY GRANTS COMMISSION

Submitted by

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Year of Report: 2012-2013

AQAR 2012-13

Section A:

Plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement (attach separate sheet if required)

- (1) Improvement of academic quality of students
 - Special coaching for academically weak, and advanced coaching for bright students
 - Organizing Seminars/lectures by eminent academicians and providing opportunity for students to interact with them.
 - In semester exams and awarding proficiency prizes.
- (2) Encouraging faculty improvement programmes
 - Publishing research articles
 - Conducting /participating in National Seminars and Presentation of papers
 - Doing M. Phil/Ph. D.
 - Developing Research Centers
 - Availing FDP for Research
 - Availing Minor / Major Research projects
- (3) To bring in innovations in curricular design and transaction
 - Curricular design for add-on courses
 - Selection of topics from the syllabi for weak students and bright students.
 - Power point presentations
 - Encouraging students to present seminars using PPT
- (4) Availing maximum grants from UGC/NAAC/FIST/DST and generating internal resource
- (5) Improvement of infrastructure
 - Replacing blackboards with green boards in class rooms
 - Furnishing smart class rooms
 - New building to accommodate new courses
- (6) To apply for new courses : UG/PG
- (7) Career and Placement
 - Special UGC / Bank coaching
 - Strive to recruit more and more students through campus placement
 - Organize coaching/ GD / interview training classes

Section B:

Details in respect of the following (attach separate sheet)

(1) Activities reflecting the goals and objectives of the institution

- Regular in semester exams are conducted
- Organized National Seminars sponsored by UGC
- Newly furnished class rooms
- Increased the grade/class of students in University exams
- Career and Placement coaching
- Applied for DST/FIST financial support for upgrading science labs
- Increased the financial assistance from UGC – Rs. 14,82,875 for the year 2012-2013

(2) New academic programmes initiated (UG and PG)

- Started B. Com. (Off campus of Mahatma Gandhi University)

(3) Innovations in curricular design and transaction

UG/PG curriculum is designed by the university. Physics Department has prepared the syllabus for add-on course and is approved and sponsored by the UGC. Physical Education has prepared a syllabus for UG open course and is approved by the university. The departments of Zoology, Malayalam, Chemistry, Botany, Mathematics, Commerce have their own add-on courses designed by themselves. We follow cross teaching/peer teaching. 50% of the classes are ICT based.

(4) Inter-disciplinary programmes started

We applied for triple main course (English – Mass Media-Journalism) and is waiting for the sanction. UG open courses are inter disciplinary and is a part of the University syllabus.

(5) Examination reforms implemented

We conduct in-sem exams in every semester and the progress card is signed by the parent on an appointed PTA meeting day.

Semester exams are directly under the control of the University.

(6) Candidates qualified: NET/SLET/GATE etc.

Chemistry	:	3 NET
Commerce	:	2 NET
English	:	2 NET

(7) Initiative towards faculty development programme

A. Paper Presentations

Faculty	Department	National	Inter-national
Dr. Lishamol Tomy	Statistics	1	
Lt. Sathees Thomas	Physical Education	1	

Anu P. Mathew	Commerce	1	
Binu Thomas	Botany	2	
Dr. Philip John	Malayalam	1	
Dr. Brincy Mathew	Malayalam	1	
Mini Sebastian	Malayalam	1	
Deepa Thomas	English	2	

B. Articles published

Faculty	Department	National	Inter-national
Dr. Joy Jaob (Principal)	English	1	
Dr. Lishamol Tomy	Statistics	3	
Lt. Sathees Thomas	Physical Education	1	
Praseedha Matew	Physical Education	1	
Dr. Tomy Jose C.	Commerce	1	
Dr. Deepu Jose Sebastian	Commerce	4	
Anu P. Mathew	Commerce	3	
Anish Thomas	Commerce	3	
Soumya Sebastian	Commerce	3	
Renny A. George	Commerce	3	
Dr. Anice Kurian	Botany	1	
Dr. M. C. Varghese	Botany	1	
Binu Thomas	Botany	16	
Dr. Priya Joseph	Zoology	1	
Arunima Sebastian	Zoology	1	
Dr. Sunil Jose K.	Zoology	2	
Justin Jose	Zoology	1	
Cigi Chacko	Malayalam	1	
Dr. Brincy Mathew	Malayalam	4	
Mini Sebastian	Malayalam	3	
Deepthi John	Chemistry	1	
Rev. Dr. Joseph Sebastian	English	2	
Jaison P. Jacob	English	1	
Kuzhivelil George Thomas	English	4	
Subin Varghese	English	1	
Deepa Thomas	English	1	
Saritha K. Jose	Physics	1	
Dr. Tina Sebastian	Physics	2	

C. Seminar/Workshops attended

Faculty	Department	National	Inter-national
Dr. Lishamol Tomy	Statistics	1	
Lt. Sathees Thomas	Physical Education	2	
Smt. Praseedha Matew	Physical Education	2	
Anish Thomas	Commerce	1	
Anu P. Mathew	Commerce	3	
Soumya Sebastian	Commerce	5	
Joby Sebastian	Physics	2	
Jilu C. John	Physics	2	
Jain Mathew	Physics	2	
Swatha P.	Physics	2	
Rajeswary	Physics	3	
K. J. Mathew	Mathematics	1	
Lizy John	Mathematics	1	
Jyothi Thomas	Mathematcis	2	
Elsamma Joseph	Economics	2	
Binu Thomas	Botany	4	
Dr. Anice Kurian	Botany	2	
Rosamma Thomas	Botany	2	
Dr. Johnson Joseph	Botany	2	
Dr. M. C. Varghese	Botany	2	
Dr. C. T. Chandralekha	Botany	2	
Aby P. K.	Botany	2	
Chithra K. N.	Botany	2	
Dr. Priya Joseph	Zoolgy	4	
Arunima Sebastian	Zoology	3	
Dr. Sunil Jose K.	Zoology	3	
Justin Jose	Zoology	3	
Dr. Philip John	Malayalam	5	
Dr. M. A. Marykutty	Malayalam	4	
Ansamma Abraham	Malayalam	4	
Dr. Ciby Kurian	Malayalam	4	
Dr. Jobin Jose	Malayalam	5	
Cigi Chacko	Malayalam	6	

Dr. Brincy Mathew	Malayalam	6	
Ancy Sebastian	Malayalam	3	
Mini Sebastian	Malayalam	4	
T. K. Thomas	Chemistry	4	
Prasad Paul	Chemistry	4	
Dr. K. M. Annamma	Chemistry	4	
Dr. Ansamma Thomas	Chemistry	4	
Deepthi John	Chemistry	6	
Anice Thomas	English	2	
K. M. Mercykutty	English	2	
Dr. M. S. Michael	English	2	
Dr. M. J. Joseph	English	2	
Dr. Augustine Mathew P.	English	2	
Rev. Dr. Joseph Sebastian	English	4	
Jaison P. Jacob	English	2	
Kuzhivelil George Thomas	English	2	
Subin Varghese	English	2	
Deepa Thomas	English	2	
Jaison Davis	English	2	

D. Orientation/Refresher course attended :

- i. Dr. Lishamol Tomy (UGC-ASC Trivandrum)
- ii. Dr. Priya Joseph (UGC-ASC Trivandrum)
- iii. Dr. Sunil Jose K. (Delhi University)
- iv. Cigi Chacko (UGC – ASC Trivandrum)
- v. Dr. Brincy Mathew (UGC – ASC Trivandrum)
- vi. Mini Sebastian (UGC – ASC Kozhikode)
- vii. Jaison P. Jaocb (University of Guwahati)
- viii. Kuzhivelil George Thomas (University of Calicut)
- ix. Subin Varghese (University of Pondicherry)
- x. Jaison Davis (University of Guwahati)
- xi. Dr. Saji Augustine (University of Calicut)

E. Ph. D. Secured : Dr. Brincy Mathew, Dr. Ciby Kurian (Malayalam)

F. Teachers engaged in Ph. D. Research : Sri Jaison P. Jacob (English)

- : Sri. M. J. Joseph (English)
- : Smt. Anice Kurian (Botany)
- : Smt. Deepthi John (Chemistry)

(8) Total number of seminars/workshops conducted

Physics	:	National Seminar (UGC sponsored) – 1
		State Seminar – 1
Malayalam	:	State level – 2
Zoology	:	State level – 1
K. R. Narayanan Centre and English, Hindi, Malayalam	:	State level – 1
		Total : 6

(9) Research projects a) Ongoing b) Completed

Major Project : Dr. Sunil Jose K.

Minor Projects ongoing:

Dr. Joy Jacob (Principal)	-	1
Dr. Lishamol Tomy	-	1
Dr. Priya Joseph	-	1
Dr. Philip John	-	1
Ancy Sebastian	-	1
Dr. Jobin Jose	-	1
Dr. Ciby Kurian	-	1
Deepthi John	-	1
Sathees Thomas	-	1
Dr. Tina Sebastian	-	1
Dr. T. T. Michael	-	1

Minor Projects completed:

Dr. Joy Jacob (Principal)	-	1
Rev. Sr. Dr. K. M. Annamma	-	1

(10) Patents generated, if any

Dr. Saji Augustine

(11) New collaborative research programmes

Dr. Saji Augustine

1. Collaborative research with Prof. Tamio Endo, Mir University, Japan
2. Collaborative research with Prof. Jeung Ku Kang, KAIST, South Korea
3. Collaborative research with Dr. N. Ashokan, Inter University Accelerator Centre (IUAC), New Delhi
4. Research with Dr. P. A. Joy, NCL, Pune

Dr. Tina Sebastian

1. Collaborative research with Dr. K. P. Vijayakumar, Department of Physics Cochin University

(12) Research grants received from various agencies

Minor Research projects – Rs. 2,68, 750 from UGC

(13) Details of research scholars

Sl. No.	Guide	Department	No. of Ph. D. Scholars
1.	Dr. Joy Jacob	English	6
2.	Dr. T. T. Michael	Economics	2
3.	Rev. Dr. Augustine Mathew	English	2
4.	Dr. Philip John	Malayalam	8
5.	Dr. P. T. Thomas	Malayalam	2
6.	Dr. V. K. Narayanakaimal	Malayalam	3
7.	Dr. Padmanabha Pialli	Malayalam	5
8.	Dr. Jobin Jose	Malayalam	4
9.	Dr. Deepu Jose Sebastian	Commerce	4
10.	Dr. Benny Joseph	Politics	6

(14) Citation index of faculty members and impact factor

Details are not available.

(15) Honors/Awards to the faculty: National and International

Dr. Rocily N. Joseph – Member of University Vigilance Squad

Dr. Philip John – University Subject Expert in Malayalam

Dr. Augustine P. Mathew - University Subject Expert in English

(16) Internal resources generated

a. College level

PTA	-	2550000/-
Building Fund	-	660000/-
Other Sources	-	150000/-

b. Department level

Malayalam	-	56909/-
English	-	63600/-
Chemistry	-	21000/-
Economics	-	68200/-
Zoology	-	191450/-
Physics	-	17900/-
Commerce	-	370400/-
Mathematics	-	89800/-

(17) Details of departments getting assistance/recognition under SAP, COSIST (ASSIST)/DST, FIST, and other programmes

DST/FIST sanctioned Rs. 70,00,000 lakhs for the improvement of Science departments

(18) Community services

- * Food packets on every Thursday to the inmates of Marian Sainyam, Manjoor.
- * Medicine and Rice once in a month for BPL families – around 50 families make use of it.
- * LEADERS 2020 Orientation class for the public by Deepthi John
- * Socio-Economics Survey by Economics Department
- * Discover 2013 for Class 10th students (Three days Camp)
- * Deva Matha Sports Academy conducts coachings in swimming, sports & athletics for the school children and public.
- * NSS outreach programmes like clean up programme at Government Taluk Hospital, Kuravilangad, NSS camp for 10 days for community service, etc.
- * Visit to the old age homes, orphanages during festival days
- * Soil and water analysis for local people by Chemistry Department
- * Training in soap making by Chemistry Department
- * Science awareness programme in schools by Chemistry Department
- * NIOS exams – permanent centre
- * Zoology museum for school students
- * Archeological museum for public

(19) Teachers and officers newly recruited

In 2012-2013 four new teachers were appointed to fill up the retirement vacancies. There is no teaching and non teaching post vacant.

(20) Teaching – Non teaching staff ratio

2 :1

(21) Improvements in the library services

Inflibnet is installed

A separate carrier library is maintained

(22) New books/journals subscribed and their value

New books purchased : 507

Total Cost : Rs. 46, 828/-

(23) Courses in which student assessment of teachers is introduced and the action taken on student feedback

Students of all the highest class in each department will assess the teachers by filling up a score sheet with 10 criteria under the supervision of the Principal. The result is codified and handed over to each teacher for their consideration and improvement.

(24) Feedback from stakeholders

It is taken in every five year from the major educational institutions, banks, factories, IT companies of Kottayam, Ernakulam districts where our alumni are mostly employed.

(25) Unit cost of education

Rs. 4214/-

(26) Computerization of administration and the process of admissions and examination results, issue of certificates.

College office administration is 80% computerized.

Process of admission is fully online through the centralized admission process (CAP) of M. G. University.

Issue of hall tickets, examination results are all done online.

(27) Increase in the infrastructural facilities

Facilities upgraded	Amounts spent
Computer	: 80,000/-
Tile Work	: 3,18,000/-
Language Lab	: 4,15,000/-
Furniture	: 3,62,000/-
Lab	: 3,90,000/-
Maintenance	: 4,00,000/-
Ladies hostel	: 12,30,000/-
TOTAL	: 3,195,000/-

(28) Technology up gradation

- * OHP is replaced by PPT in all departments
- * Projector installed permanently in multi media, jubilee hall and language lab
- * Language lab is newly furnished with an additional 30 computers and the total number is 50.

(29) Computer and internet access and training to teachers, non-teaching staff and students

Inflibnet in library, all the departments and office have internet access and Wi-Fi. Teachers are already trained in that. Non teaching staff are given 10 hours training every year for upgrading computer/internet knowledge.

Computer literacy is given to all students in commerce computer lab and in English language lab.

(30)	Financial aid to students	
	Government sponsored scholarships	Number of students availing
	KPCR scholarships	: 297
	Post Metric scholarship	: 66
	Central sector scholarship	: 17
	State merit scholarship	: 17
	Hindi scholarship	: 2
	Suvarna jubilee merit scholarship	: 14
	Blind/PH Scholarship	: 3
	Muslim girls scholarship	: 5

College/Department sponsored scholarships/Financial aid to students:

45 scholarships are instituted by the college for the benefit of students of different Departments. Additional financial aids are also provided as given below

Commerce

Scholarships (10 Students)	-	10000/-
Financial aid to poor students (1Student)	-	2500/-

Physics

Financial aid to poor students (2 Students)	-	9000/-
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Economics

Financial aid to poor students (2 Students)	-	1300/-
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English

Financial aid to poor students (1 Student)	-	12000/-
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(31) Activities and support from the Alumni Association

Regular departmental alumni meet are conducted every year.

There is a special Kuwait Chapter in Kuwait. They sponsored the stage remodeling of the Main auditorium.

(32) Activities and support from the Parent-Teacher Association

PTA collection is made during the admission time.

After the Ist In – sem examinations proficiency prizes are distributed in the PTA general body meeting. And the parents sign the progress report on the same day and meet the teachers.

(33) Health Services

- * Infirmary for girls
- * First aid kit is kept
- * Doctor on call from St. Vincent Hospital

- * Easy access to St. Vincent Hospital and Government Hospital, Kuravilangad
 - * Periodic check up for needed students by alumni doctors forum
- (34) Performance in sports activities
- * Mahatma Gandhi University Yoga team members
- Jibin Baby, Harikrishnan K. K., Shine Dominic, Sobin Thomas, Lijomon Joy Niju Raju, emerged as winners in the Inter –collegiate Yoga Championship which was held at B. K. College, Amalagiri on 11 February 2013.
 - * Harikrishnan K. K. of 2nd B. Sc. Physics secured First Prize in National Kickboxing Championship.
 - * Jaison Baby of 3rd B. Sc. Physics participated in the State Basketball Championship.
 - * Jibin Aby of Ist M. A. Malayalam also participated in the State Taekwondo Championship.
 - * Swathy Uthayappan, Riya Joseph, Harikrishnan K. K., Attley T. R. won second prize in M. G. University Inter collegiate Taekwondo championship conducted at BPC Piravom on 17 January 2013.
 - * In wrestling Riya Joseph of Ist M. A. Malayalam got 2nd prize and Lijomon Joy of Ist B. A. Economics got 3rd prize. It was conducted at SJ CET, Choondacherry on 2 February 2013.
- (35) Incentives to outstanding sports persons
- Presenting medals in public functions
 - Providing T. A. and D. A. refreshment and coaching fees from PD account and from Management contribution
- (36) Student achievements and awards
- A good number of students got several prizes in university level and inter collegiate level competitions.
- (37) Activities of the Guidance and Counselling unit
- Professional Counselor Dr. Sr. Jovan Chunkapura visits the college on first working day of every month from 10.00 a. m. to 3.00 p. m. Students who need a professional counseling are directed to her by staff guides. The staff guides do the normal guiding and counseling.
- (38) Placement services provided to students
- Carrier and placement cell provides coaching and training to students. It has partnership with Keltron Big Leap Corporate and Campus Connect Programme (KBCCP) and SHREDS Kerala.
- This year bank test coaching was given to selected students in association with Manjooran's group: three day GD and personal training;

Five day interview and GD training in association with ASTRA centre for international human resource development.

Recruitment drive by Eureka Forbes. 11 UG students got placement as probationary clerks in South Indian Bank. 15 UG students were selected by Eureka Forbes.

(39) Development programmes for non-teaching staff

One half day orientation programme on 25th June 2012. Resource person was Dr. Aniyam Kunju, Principal St. Aloysius College, Edathuva.

10 hours computer training programme was given in July 2012. The coaching for MOP is done on all second Saturdays.

(40) Good practices of the institution

- * The day begins with prayer
- * ALTIUS – For advancement of bright students
- * Remedial coaching /Bridge classes for weak students
- * Student council without party politics
- * No strikes
- * Teacher's association
- * Non- teaching staff association
- * Good relationship between Management-Principal-Staff-Students
- * Noon day programmes
- * In-sem PTA proficiency prizes
- * Strong Alumni & PTA
- * UGC-NET coaching
- * Research Lines (Journal of Research articles)
- * Explorations (Journal of paper presentations)
- * Manuscript Magazines
- * Language lab
- * Career Guidance and placement
- * Staff guide system
- * Peer teaching/cross teaching
- * ICT enabled classes
- * ASAP (Additional Skill Acquisition Programme) sponsored by govt. of Kerala
- * Green board-green revolution
- * Poor students meal
- * Karunya fund to help the poor in the society
- * Miss-a-meal programme
- * Value & moral education
- * ISO certification

- * Water harvesting plants
- * Add-on courses
- * Open courses
- * Feed back Mechanism
- * Interaction with national experts
- * News letter
- * Communicative club

(41) Linkages developed with National/International, academic/research bodies

- * Annamali University
- * IGNOU
- * MIE University Japan (Physics Department)

(42) Action Taken Report on the AQAR of the previous year

Steps are taken to improve three main areas:

- (1) Maintenance and up gradation of the present building is done
- (2) Library computerization is completed and installed a inflibnet
- (3) Close monitoring of the academic performance of the students is done by In-sem exams and PTA meetings.

(43) Any other relevant information the institution wishes to add

- * Party politics free campus
- * No strike for the last 10 years
- * Plastic free campus
- * Well-disciplined student community
- * ASAP (Additional Skill Acquisition Programme) got “Four Star” reorganization from the govt. of Kerala.

Section C:

Outcomes achieved by the end of the year (attach separate sheet if required)

University exam results improved very much

Departments	Results	
	UG	PG
Commerce	96%	80%
Malayalam	76.9%	76%
Mathematics	92.5%	
Physics	92%	76%
Zoology	66.66%	
English	91.49%	75%

Economics	97%	-
Botany	91.66%	100%
Chemistry	96.3%	79%

- * Student discipline is well maintained
- * There was no strike during the past year students are engaged in creative activities like participating in quiz club, oratory club, Departmental Association activities, Department manuscript, Magazines, College magazine, student council activities like Onam, Christmas celebrations, Sports fest, Arts fest, Noon programme, Charity activities, intercollegiate/university level competitions and the like. Thereby the energy and spare time of the students are channeled in the right way for creative purposes.

More teachers started to publish research articles and made paper presentations in national seminars. 28 teachers published a total of 67 research articles and 8 teachers had made 10 paper presentations.

There is an increased enthusiasm for research among faculty members. 8 teachers are engaged in Ph. D. research.
- * Library use and e-learning increased very much among the students.
- * Infrastructure is well maintained and updated.

Section D:

Plans of the HEI for the next year

- * Apply for new UG/PG courses
- * Promote research and start research centres
- * Update the infrastructure facility
- * Preparing for the celebration of the Golden Jubilee of the college

IQAC Co-ordinator
Rev. Dr. Joseph Sebastian

Principal
Dr. Joy Jacob