

vibgyor 2012

a compendium
of publications
by faculties

Published by
IQAC & Research Promotion Council

FAROOK COLLEGE



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Foreword

VIBGYOR is an innovative idea formulated by the IQAC & Research Promotion Council to showcase the published research papers and popular articles of our faculty members in all disciplines on one common platform. The maiden issue of VIBGYOR, was released on 22nd August 2014 by Sri. T.P. Sreenivasan, Vice-Chairman & Executive Head of the Kerala State Higher Education Council. 101 publications collected from 13 different disciplines, prepared by 41 members of various faculties were included in the maiden issue. This truly reflects the vital role played by our college in boosting knowledge.

Farook College, one of the premier centres of higher education in Kerala, has been imparting and disseminating knowledge in different disciplines for the last six and a half decades. At present, the college comprises 20 departments and 110 permanent members of the faculty. Realising that learning, teaching and research are the different facets of a professionally placed academic personality, the college promotes effective knowledge enrichment programmes not merely amongst the students but among teachers as well. The publications of our teachers at the national and international levels have played a vital role in the diffusion of ideas, thoughts and concepts. An efficient teacher is inquisitive and the endless pursuit of knowledge leads to research.

It is really gratifying to note the quality and variety of publications in VIBGYOR 2012 also. I appreciate all the members of the editorial committee who have taken much pains for the timely completion of this issue. I also appreciate all the authors who have made astounding contribution to the world of learning. I hope that this compendium will open new vistas of knowledge and will be a motivation for the student community also.

E.P. Imibichikoya
Principal

Preface

The publication entitled VIBGYOR is a compendium of publications by the teachers of various departments of our college. It is an outlet for self expression and for permeating knowledge. We are proud of the teaching community of our college who exemplify that only a teacher who loves learning can help others learn. VIBGYOR is an easy reference on a variety of subjects. We set out to bring out such a compendium every calendar year, compiling publications of that period.

The maiden issue of VIBGYOR was released on 22nd August 2014 by Sri. T. P. Sreenivasan, Vice-Chairman and Executive Head of the Kerala State Higher Education Council with the rank of Vice-Chancellor. As a compendium of publications by the members of the faculty, VIBGYOR 2013 has become an authentic source of information in all fields. It also reflects the representation of Farook College in different national and international journals. It enables teachers to comprehend at a glance, the major developments in different fields. Considering the valuable positive responses about the maiden issue, the editorial committee has decided to bring out at least 5 back volumes of the same. We proudly present VIBGYOR-2012 for your perusal.

In this issue of VIBGYOR, papers published during the Calendar year 2011 are compiled. 93 publications are collected from 12 different disciplines, prepared by 29 members of various faculties. It also comprises books edited and authored by members of our faculty.

The editorial committee was vested with the responsibility of collecting, sorting out and arranging a vast quantity of materials in appropriate form and shape. We feel gratified having accomplished our goal. Of course, we are cognizant of the limitations and flaws of this compendium, but we are sure we will be excused considering that it is well – intended. No doubt, it is the epitome of the published works of our members of the faculties.

We are grateful to the authors of the different departments who have promptly responded to our requests. We also place on record our deep sense of gratitude to our Principal, Prof. E.P. Imbichikoya for his encouragement, support and suggestions

November 2014

Editorial Committee

Editorial Committee

Convenor

Dr. Kishore Kumar K
Assistant Professor of Botany

Members

Dr. Abdul Hameed S.V
Assistant Professor of Zoology

Dr. Sajitha M.A
Assistant Professor of English

Dr. Abdul Azeez P
Assistant Professor of Malayalam

Dr. Anaz C.A
Assistant Professor of History



No	ITEM	NO OF PUBLICATIONS	PAGES
A RESEARCH PAPERS			
1	In Journals	24	
2	In Books	02	
3	In Seminar Proceedings/ Abstracts	11	
B BOOKS			
4	Authored	05	
5	Edited	01	
C PROCEEDINGS			
6	Edited	01	
D POEMS			
7	In Books	09	
D POPULAR ARTICLES			
8	In Magazines	31	
9	In Dailies	07	
E ONLINE PUBLICATIONS			
10	Online publications	01	
F SHORT FILMS			
11	Short films	01	
	TOTAL	93	

SUBJECT WISE LIST OF CONTRIBUTORS

1. Research Papers in Journals

No	Department	Name	Designation	Publications
1	ARABIC	Abdul Jaleel M.	Assistant Professor	3
		Abdul Majeed T.	Assistant Professor	1
		Ali Noufal K.	Assistant Professor	1
		Muhammed Abid U.P.	Assistant Professor	2
2	BOTANY	Dr. Kishore Kumar K.	Assistant Professor	2
3	CHEMISTRY	Dr. Reji Thomas	Assistant Professor	2
4	COMPUTER SCIENCE	Dr. Abdul Haleem P.P.	Assistant Professor	1
5	ECONOMICS	Dr. Abdul Jabbar A.T.	Assistant Professor	2
		Dr. Mohammed Kasim C.	Assistant Professor	2
6	ENGLISH	Dr. Sajitha M.A.	Assistant Professor	1
		Dr. Zeenath Mohamed Kunhi	Assistant Professor	2
7	MALAYALAM	Kamarudheen P.	Assistant Professor	1
		Mansoorali T.	Assistant Professor	1
8	MATHEMATICS	Dr. Sudheer K.	Associate Professor	2
9	PHYSICS	Dr. Abdullah K.K.	Associate Professor	1
TOTAL				24

2. Research Papers in Books

No	Department	Name	Designation	Publications
1	ENGLISH	Ayisha Swapna K.A.	Assistant Professor	1
		Dr. Sajitha M.A.	Assistant Professor	1
TOTAL				2

3. Research Papers in Seminar Proceedings/ Abstracts

No	Department	Name	Designation	Publications
1	COMPUTER SCIENCE	Dr. Abdul Haleem P.P.	Assistant Professor	1
		Dr. Kabeer V.	Assistant Professor	1
2	ENGLISH	Aysha Swapna K.A.	Assistant Professor	2
		Habeeb C.	Assistant Professor	1
		Hashmina Habeeb	Assistant Professor	1
		Mufeeda T.	Assistant Professor	1
		Dr. Zeenath Mohamed Kunhi	Assistant Professor	1
3	ISLAMIC HISTORY	Dr. Mohamed T.A.	Associate Professor	1
4	PHYSICS	Musfir P.N.	Assistant Professor	1
		Naseef Mohammed P.N.	Assistant Professor	1
TOTAL				11

4. Books Authored

No	Department	Name	Designation	Publications
1	CHEMISTRY	Hamza A.	Associate Professor	3
2	MALAYALAM	Dr. Abdul Azeez T.	Assistant Professor	2
TOTAL				5

5. Books Edited

No	Department	Name	Designation	Publications
1	MALAYALAM	Dr. Abdul Azeez T.	Assistant Professor	1
TOTAL				1

6. Proceedings Edited

No	Department	Name	Designation	Publications
1	ENGLISH	Rizwana Sulthana K.	Assistant Professor	1
TOTAL				1

7. Poems in Books

No	Department	Name	Designation	Publications
1	ENGLISH	Dr. Zeenath Mohamed Kunhi	Assistant Professor	9
TOTAL				9

8. Popular Articles in Magazines

No	Department	Name	Designation	Publications
1	BOTANY	Dr. Kishore Kumar K.	Assistant Professor	21
2	HISTORY	Dr. Manmathan M.R.	Assistant Professor	1
3	MALAYALAM (*Joint authorship)	Dr. Abdul Azeez T.	Assistant Professor	2* + 5
		Dr. Mansoorali T.	Assistant Professor	2* + 2
TOTAL				31

9. Popular Articles in Dailies

No	Department	Name	Designation	Publications
1	ENGLISH	Aysha Swapna K.A.	Assistant Professor	1
2	HISTORY	Fazalurahman E. K.	Associate Professor	1
3	MALAYALAM	Dr. Abdul Azeez T.	Assistant Professor	4
4	ZOOLOGY	Dr. Habeebrehman H.	Assistant Professor	1
TOTAL				7

10. Online Publications

No	Department	Name	Designation	Publications
1	ENGLISH	Dr. Zeenath Mohamed Kunhi	Assistant Professor	1
TOTAL				1

11. Short Films

No	Department	Name	Designation	Publications
1	ENGLISH	Aysha Swapna K.A.	Assistant Professor	1
TOTAL				1

**POEMS
IN BOOKS**

**RESEARCH
PAPERS
IN BOOKS**

**RESEARCH
PAPERS
IN JOURNALS**

**RESEARCH
PAPERS
IN SEMINAR
PROCEEDINGS/
ABSTRACTS**

**BOOKS
AUTHORED**



**PROCEEDINGS
EDITED**



**POPULAR
ARTICLES IN
MAGAZINES**

**POPULAR
ARTICLES
IN DAILIES**

ONLINE PUBLICATIONS





VIBGYOR – 2012

Summary of the publications compiled (Department wise)

No	Subject	No of Faculties	In Journals	In Books	In Proceedings	Books authored	Books Edited	Proceedings Edited	Poems in books	Popular Articles in Magazines	Articles in Dailies	Online Publications	Short Films	TOTAL
1	ARABIC	4	7											7
2	BOTANY	1	2							21				23
3	CHEMISTRY	2	2			3								5
4	COMPUTER SCIENCE	2	1		2									3
5	ECONOMICS	2	4											4
6	ENGLISH	7	3	2	6			1	9		1	1	1	24
7	HISTORY	2								1	1			2
8	ISLAMIC HISTORY	1			1									1
9	MALAYALAM	3	2			2	1			9	4			18
10	MATHEMATICS	1	2											2
11	PHYSICS	3	1		2									3
12	ZOOLOGY	1									1			1
	TOTAL	29	24	2	11	5	1	1	9	31	7	1	1	93

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Editorial Committee

VIBGYOR – 2012

(Summary of the publications compiled (Faculty wise))

No	Name of the faculty	In Journals	In Books	In Proceedings	Books authored	Books Edited	Proceedings Edited	Publications in books	Popular Articles in Magazines	Articles in Dailies	Online Publications	Short Films	TOTAL
1 ARABIC													
1	Abdul Jaleel M.	3											3
2	Abdul Majeed T.	1											1
3	Ali Noufal K.	1											1
4	Muhammed Abid U.P.	2											2
2 BOTANY													
5	Dr. Kishore Kumar K.	2							21				23
3 CHEMISTRY													
6	Hamza A.				3								3
7	Dr. Reji Thomas	2											2
4 COMPUTER SCIENCE													
8	Dr. Abdul Haleem P.P.	1		1									2
9	Dr. Kabeer V.			1									1
5 ECONOMICS													
10	Dr. Abdul Jabbar A.T.	2											2
11	Dr. Mohammed Kasim C.	2											2
6 ENGLISH													
12	Aysha Swapna. K.A.		1	2						1		1	5
13	Dr. Sajitha M.A.	1	1										2

14	Dr. Zeenath Mohamed Kunhi	2		1				9			1		13
15	Hashmina Habeeb			1									1
16	Habeeb C.			1									1
17	Rizwana Sultana K.						1						1
18	Mufeeda T.			1									1
7	HISTORY												
19	Dr. Manmathan M.R.								1				1
20	Fazalurahman E.K.									1			1
8	ISLAMIC HISTORY												
21	Dr. Mohamed T.A.			1									1
9	MALAYALAM												
22	Dr. Abdul Azeez T.				2	1			7	4			14
23	Kamarudheen P.	1											1
24	Mansoorali T.	1							4				5
10	MATHEMATICS												
25	Dr. Sudheer K.	2											2
11	PHYSICS												
26	Dr. Abdullah K.K.	1											1
27	Musfir P.N.			1									1
28	Naseef Mohammed P.N.			1									1
12	ZOOLOGY												
29	Dr. Habeebrehman H.									1			1
	TOTAL	24	2	11	5	1	1	9	31	7	1	1	93

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