

# vibgyor 2015

a compendium  
of publications  
by faculties

Published by  
IOEL & Research Promotion Council

 **FAROOK COLLEGE**

# vibgyor 2015

**Editors:**

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# Foreword

Farook College, one of the leading autonomous centres of higher education in Kerala, has been disseminating knowledge in different disciplines since 1948. At present, the college has to its credit 20 departments and 114 permanent members of the faculty. Writing is an activity or occupation of composing text for publication. Realising that learning, teaching and writing 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.

VIBGYOR was formulated by the IQAC & Research Promotion Council to display the published research papers and popular articles of our members of the faculty in all disciplines on one common platform. It is really gratifying to note the quality and variety of these publications. I appreciate all the members of the editorial committee who have taken pains for the timely completion of this volume. I also appreciate the teachers who have made an amazing contribution to the world of learning. I hope that this collection will open new vistas of knowledge and will inspire and enlighten our student community.

**E.P. Imibichikoya**  
Principal

# Preface

VIBGYOR is a compendium of publications by the teachers of various departments of our college. It is a channel 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.

In this volume, papers published during the Calendar year 2014 are compiled. The volume is unique as it comprises 132 publications of 44 members of the faculty. Hence, it is the projection of the works of 14 different disciplines in a miniature form. The books authored and edited by members of our faculty are also included in this volume.

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.

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 great support and valuable suggestions.

April 2016

**Editorial Committee**

# Editorial Committee

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**Dr. Kishore Kumar K**

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**Dr. Anaz C.A**

Assistant Professor of History

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Assistant Professor of Arabic



No	ITEM	NO OF PUBLICATIONS	PAGES
<b>A</b>	<b>RESEARCH PAPERS</b>		
1	In Journals	45	
2	In Seminar Proceedings/ Abstracts	30	
<b>B</b>	<b>BOOKS</b>		
3	Authored	05	
<b>C</b>	<b>EDITED WORKS</b>		
4	Journals	01	
5	Books	01	
<b>D</b>	<b>WORKS IN EDITED BOOKS</b>		
6	Poems	02	
7	Research papers or Popular Articles	12	
<b>E</b>	<b>POPULAR ARTICLES</b>		
8	Popular Articles in Magazines	27	
9	Popular Articles in Dailies	08	
<b>F</b>	<b>ONLINE PUBLICATIONS</b>		
10	Articles	01	
	<b>TOTAL</b>	<b>132</b>	

## SUBJECT WISE LIST OF CONTRIBUTORS

### 1. Research Papers in Journals

No	Department	Name	Designation	Publications
1	ARABIC	Abdul Majeed T.	Assistant Professor	2
		Sajith E.K.	Assistant Professor	2
		Yunoos Salim	Assistant Professor	1
2	CHEMISTRY	Dr. Sajith P.K.	Assistant Professor	2
		Dr. Rafeeqe P.	Assistant Professor	1
3	ENGLISH	Abdul Sathar C.P.	Assistant Professor	4
		Aysha Swapna. K.A.	Assistant Professor	1
		Basheer Kotta	Associate Professor	1
		Hamna Mariyam	Assistant Professor	7
		Mufeeda T.	Assistant Professor	1
		Muhamed Ali E.K.	Assistant Professor	1
		Rizwana Sulthana K.	Assistant Professor	2
		Dr. Sajitha M.A.	Assistant Professor	3
Dr. Zeenath Mohamed Kunhi	Assistant Professor	2		
4	PHYSICS	Aysha Muhsina K.	Assistant Professor	2
		Midhun shah	Assistant Professor	2
		Musfir P.N.	Assistant Professor	2
		Dr. Subha P.A.	Associate Professor	4
5	STATISTICS	Dr. Krishnarani S.D.	Assistant Professor	1
6	URDU	Dr. Mohamed Saleem, P.	Assistant Professor	1

7	ZOOLOGY	Rahana Moideen Koya V.K.	Assistant Professor	6
		Shabana T.P.	Assistant Professor	1
		Shabna V.C	Assistant Professor	2
<b>TOTAL</b>				<b>37</b>

## 2. Research Papers in Seminar Proceedings/ Abstracts

No	Department	Name	Designation	Publications
1	BOTANY	Anjana S.	Assistant Professor	1
		Dr. Kishore Kumar K.	Assistant Professor	1
2	COMPUTER SCIENCE	Dr. Abdul Haleem P.P.	Assistant Professor	1
		Dr. Kabeer V.	Assistant Professor	4
3	ECONOMICS	Sahadudheen I.	Assistant Professor	3
		Mohammed Kasim C.	Assistant Professor	1
		Shihabudheen M.T.	Assistant Professor	1
4	LIBRARY SCIENCE	Dr. Nasirudheen T.P.O.	Associate Professor	1
5	MALAYALAM	Dr. Lakshmi Pradeep	Assistant Professor	1
6	MATHEMATICS	Dr. Sudheer K.	Associate Professor	1
7	PHYSICS	Midhun shah	Assistant Professor	2
		Musfir P.N.	Assistant Professor	2
		Dr. Subha P.A.	Associate Professor	1
8	STATISTICS	Dr. Haritha N. Haridas	Assistant Professor	1
9	URDU	Dr. Mohamed Saleem P.	Assistant Professor	1
10	ZOOLOGY	Dr. Habeebrehman H.	Assistant Professor	4



		<b>Dr. Rashiba A.P.</b>	Assistant Professor	1
		<b>Dr. Sobha T.R.</b>	Assistant Professor	3
<b>TOTAL</b>				<b>25</b>

### 3. Books Authored

No	Department	Name	Designation	Publications
1	<b>BOTANY</b>	<b>Dr. Kishore Kumar K.</b>	Assistant Professor	1
2	<b>ENGLISH</b>	<b>Hamna Mariyam</b>	Assistant Professor	3
		<b>Rizwana Sulthana</b>	Assistant Professor	1
<b>TOTAL</b>				<b>5</b>

### 4. Journals Edited

No	Department	Name	Designation	Publications
1	<b>HISTORY</b>	<b>Dr. Manmathan M.R.</b>	Associate Professor	1
		<b>Dr. Anas C.A.</b>	Assistant Professor	1
2	<b>LIBRARY SCIENCE</b>	<b>Dr. Abdul Majeed K.C.</b>	Associate Professor	1
<b>TOTAL</b>				<b>1</b>

### 5. Books Edited

No	Department	Name	Designation	Publications
1	<b>LIBRARY SCIENCE</b>	<b>Dr. Abdul Majeed K.C.</b>	Associate Professor	1
<b>TOTAL</b>				<b>1</b>

## 6. Poems in Books

No	Department	Name	Designation	Publications
1	ENGLISH	Zeenath Mohamed Kunhi	Assistant Professor	2
<b>TOTAL</b>				<b>2</b>

## 7. Research Papers/ Popular Articles in Books

No	Department	Name	Designation	Publications
1	ECONOMICS	Muhammad Rasheed P.	Assistant Professor	1
2	LIBRARY SCIENCE	Dr. Abdul Majeed K.C.	Associate Professor	5
3	MALAYALAM	Dr. Abdul Azeez P.	Assistant Professor	3
		Mansoorali T.	Assistant Professor	1
4	ZOOLOGY	Dr. Habeebrehman, H.	Assistant Professor	2
		Dr. Rashiba A.P.	Assistant Professor	1
<b>TOTAL</b>				<b>12</b>

## 8. Popular Articles in Magazines

No	Department	Name	Designation	Publications
1	BOTANY	Dr. Kishore Kumar K.	Assistant Professor	6
2	HISTORY	Dr. Manmathan M.R	Associate Professor	1
		Dr. Mohamed Ali T.	Associate Professor	2
3	LIBRARY SCIENCE	Dr. Abdul Majeed K.C.	Associate Professor	1
4	MALAYALAM	Dr. Abdul Azeez P.	Assistant Professor	12
		Kamarudheen P.	Assistant Professor	1

		<b>Dr. Lakshmi Pradeep</b>	Assistant Professor	1
		<b>Mansoorali T.</b>	Assistant Professor	1
<b>5</b>	<b>URDU</b>	<b>Dr. Mohamed Saleem P.</b>	Assistant Professor	1
<b>6</b>	<b>ZOOLOGY</b>	<b>Rahana Moideen Koya V.K.</b>	Assistant Professor	1
<b>TOTAL</b>				<b>27</b>

## 9. Popular Articles in Dailies

No	Department	Name	Designation	Publications
<b>1</b>	<b>MALAYALAM</b>	<b>Dr. Abdul Azeez P.</b>	Assistant Professor	4
		<b>Dr. Lakshmi Pradeep</b>	Assistant Professor	2
		<b>Mansoorali T.</b>	Assistant Professor	1
<b>2</b>	<b>ZOOLOGY</b>	<b>Dr. Habeebrehman H</b>	Assistant Professor	1
<b>TOTAL</b>				<b>8</b>

## 10. Online Publications

No	Department	Name	Designation	Publications
<b>1</b>	<b>ENGLISH</b>	<b>Hamna Mariyam</b>	Assistant Professor	1
<b>TOTAL</b>				<b>1</b>

## VIBGYOR – 2015

### Summary of the publications compiled (**Department wise**)

No	Subject	No of Faculties	Journals	Seminar Proceedings	Books authored	Journals Edited	Books Edited	Poems in Books	Research Papers/ Articles in books	Popular Articles in Magazines	Articles in Dailies	Online Publications	TOTAL
1	ARABIC	3	5										5
2	BOTANY	2		2	1					6			9
3	CHEMISTRY	2	3										3
4	COMPUTER SCIENCE	2		5									5
5	ECONOMICS	4		5					1				6
6	ENGLISH	9	22		4			2				1	29
7	HISTORY	3				1				3			4
8	LIBRARY SCIENCE	2		1			1		5	1			8
9	MALAYALAM	4		1					4	15	7		27
10	MATHEMATICS	1		1									1
14	PHYSICS	04	7	4									11
16	STATISTICS	1	1	1									2
17	URDU	1	1	1						1			3
11	ZOOLOGY	6	6	9					2	1	1		19
	<b>TOTAL</b>	<b>44</b>	<b>45</b>	<b>30</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>12</b>	<b>27</b>	<b>8</b>	<b>1</b>	<b>132</b>

Farook College  
April 2016

**Editorial Committee**

## VIBGYOR – 2015

### Summary of the publications compiled (**Faculty wise**)

No	Subject	No of Faculties	Journals	Seminar Proceedings	Books authored	Journals Edited	Books Edited	Poems in Books	Research Papers/ Articles in books	Popular Articles in Magazines	Articles in Dailies	Online Publications	TOTAL
<b>1</b>	<b>ARABIC</b>	<b>3</b>	<b>5</b>										<b>5</b>
1	Abdul Majeed T.		2										<b>2</b>
2	Sajith E.K.		2										<b>2</b>
3	Yunoos Salim		1										<b>1</b>
<b>2</b>	<b>BOTANY</b>	<b>2</b>		<b>2</b>	<b>1</b>					<b>6</b>			<b>9</b>
1	Dr. Kishore Kumar K.			1	1					6			<b>8</b>
2	Anjana S.			1									<b>1</b>
<b>3</b>	<b>CHEMISTRY</b>	<b>2</b>	<b>3</b>										<b>3</b>
1	Dr. Rafeeqe P.		1										<b>1</b>
2	Dr. Sajith P.K.		2										<b>2</b>
<b>4</b>	<b>COMPUTER SCIENCE</b>	<b>2</b>		<b>5</b>									<b>5</b>
1	Dr. Abdul Haleem P.P.			1									<b>1</b>
2	Dr. Kabeer V.			4									<b>4</b>
<b>5</b>	<b>ECONOMICS</b>	<b>4</b>		<b>5</b>					<b>1</b>				<b>6</b>
1	Mohammed Kasim C.			1									<b>1</b>
2	Muhammad Rasheed P.								1				<b>1</b>
3	Sahadudheen T.			3									<b>3</b>
4	Shihabudheen M.T.			1									<b>1</b>
<b>6</b>	<b>ENGLISH</b>	<b>9</b>	<b>22</b>		<b>4</b>			<b>2</b>				<b>1</b>	<b>29</b>
1	Abdul Sathar C.P.		4										<b>4</b>
2	Aysha Swapna. K.A.		1										<b>1</b>
3	Basheer Kotta		1										<b>1</b>

4	Hamna Mariyam		7		3							1	11
5	Mufeeda T.		1										1
6	Muhamed Ali E.K.		1										1
7	Rizwana Sulthana K.		2		1								3
8	Dr. Sajitha M.A.		3										3
9	Dr. Zeenath Mohamed Kunhi		2					2					4
<b>7</b>	<b>HISTORY</b>	<b>3</b>				<b>1</b>				<b>3</b>			<b>4</b>
1	Dr. Anas C.A.					1							1
2	Dr. Manmathan M.R.					1				1			
3	Dr. Mohamed Ali T.									2			2
<b>8</b>	<b>LIBRARY SCIENCE</b>	<b>2</b>		<b>1</b>		<b>1</b>	<b>1</b>			<b>5</b>	<b>1</b>		<b>9</b>
1	Dr. Nasirudheen T.P.O.			1									1
2	Dr. Abdul Majeed K.C.					1	1			5	1		6
<b>9</b>	<b>MALAYALAM</b>	<b>4</b>		<b>1</b>						<b>4</b>	<b>15</b>	<b>7</b>	<b>26</b>
1	Kamarudheen P.									1			1
2	Mansoorali T.								1	1	1		2
3	Dr. Lakshmi Pradeep			1						1	2		4
4	Dr. Abdul Azeez P.								3	12	4		19
<b>10</b>	<b>MATHEMATICS</b>	<b>1</b>		<b>1</b>									<b>1</b>
1	Dr. Sudheer K.			1									1
<b>11</b>	<b>PHYSICS</b>	<b>4</b>	<b>7</b>	<b>4</b>									<b>11</b>
1	Aysha Muhsina K.		2										2
2	Midhun shah		2	2									4
3	Musfir P.N.		2	2									4
4	Dr. Subha P.A.		4	1									5
<b>12</b>	<b>STATISTICS</b>	<b>1</b>	<b>1</b>	<b>1</b>									<b>02</b>
1	Dr. Haritha N. Haridas			1									1
2	Dr. Krishnarani S.D.		1										1
<b>13</b>	<b>URDU</b>	<b>1</b>	<b>1</b>	<b>1</b>						<b>1</b>			<b>3</b>
1	Dr. Mohamed Saleem P.		1	1						1			3

<b>14</b>	<b>ZOOLOGY</b>	<b>6</b>	<b>6</b>	<b>9</b>					<b>2</b>	<b>1</b>	<b>1</b>		<b>24</b>
1	Dr. Habeebrehman, H.			4					2		1		7
2	Dr. Rashiba A.P.			1					1				2
3	Rahana Moideen Koya V.K.		6	3						1			10
4	Shabana. T.P.		1										1
5	Shabna V.C.		2										2
6	Sobha T.R.			3									3
	<b>TOTAL</b>	<b>44</b>	<b>45</b>	<b>30</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>12</b>	<b>27</b>	<b>8</b>	<b>1</b>	<b>132</b>

Farook College  
April 2016

**Editorial Committee**





# RESEARCH PAPERS IN JOURNALS

**RESEARCH  
PAPERS  
IN SEMINAR  
PROCEEDINGS/  
ABSTRACTS**

**BOOKS  
AUTHORED**





**POPULAR  
ARTICLES IN  
BOOKS**

**POPULAR  
ARTICLES IN  
MAGAZINES**

**POPULAR  
ARTICLES  
IN DAILIES**





# ONLINE PUBLICATIONS