



**Criterion** : III – Research, Innovations and Extension

**Metric** : 3.3.1 – Research & Transfer of Knowledge

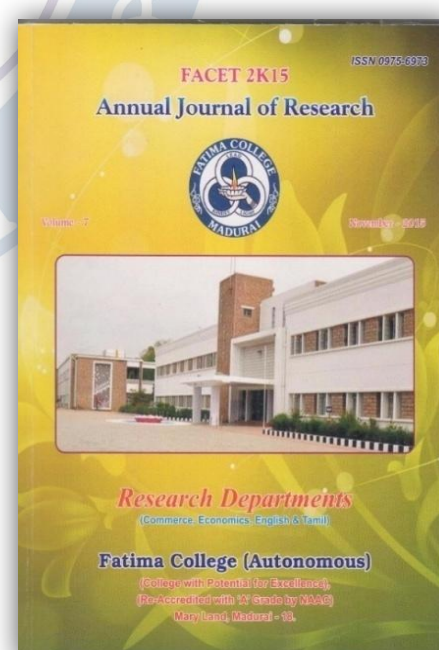
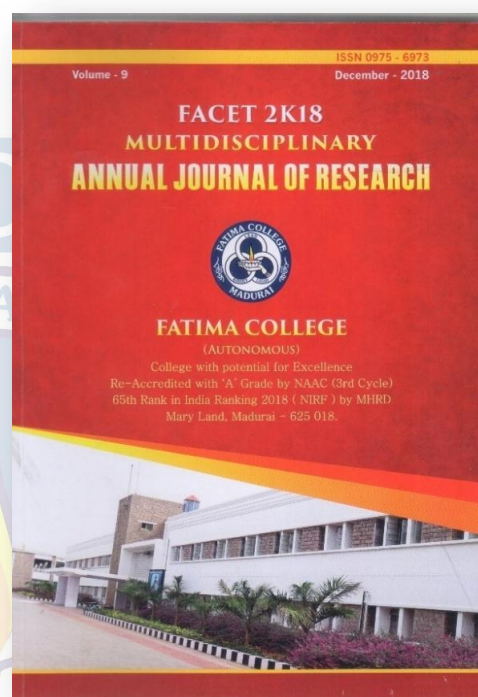
**Year** : 2015 - 2020



## RESEARCH AND TRANSFER OF KNOWLEDGE

### RESEARCH OUTPUT OF STAFF AND STUDENTS

#### FACET- A MULTIDISCIPLINARY RESEARCH JOURNAL





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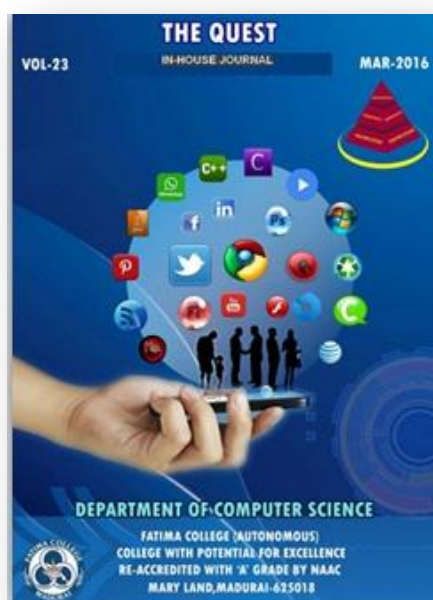
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## TRANSFER OF KNOWLEDGE

### THE QUEST –In-house Journal of Computer Science







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## IN-HOUSE JOURNALS OF THE RESEARCH CENTRE OF TAMIL





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## RESEARCH ADVISORY COMMITTEE

### Programmes Organised

S. No.	DATE	PROGRAMME / ACTIVITY	TITLE OF THE PROGRAMME	NAME OF THE RESOURCE PERSON(S)	OUTCOME OF THE EVENT
<b>2019 - 2020</b>					
1.	July 26, 2019	Tamil Nadu State Council for Science and Technology sponsored State Level Workshop	Awareness of Intellectual Property Rights	<b>Shri Oggu Prasad Rao</b> , Deputy Controller of Patent and Designs, Govt. of India, Chennai <b>Mr. J. Arumugam</b> , Librarian, PSG College of Technology, Peelamedu, Coimbatore	Knowledge on Intellectual Property Rights
2.	Aug. 13, 2019	Inauguration of Research Cell	Research Avenues for Young Researchers	<b>Dr. M. Rajesh</b> , District President, Tamil Nadu Science Forum, Madurai	Eye Opening Session for Societal Oriented Research
				<b>Dr. Mary Magdalene Abraham</b> , Associate Professor of English	Research Avenues for the Research Students
3.	Sept. 13, 2019	Session on Research Integrity & Awareness on UGC CARE	Research Integrity & Awareness	<b>Dr. S. L. Kumari</b> , Associate Professor of Business Administration (BBA) and Dean of Research (Shift - II)	Session to Enrich about UGC Care Journals



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		Journals		<b>Dr. S. Sukumari,</b> Assistant Professor of Chemistry and Assistant Dean of Research (Shift - I)	
4.	Feb. 02, 2020	State Level Inter Collegiate Fest	Exploria 2020 – Making a Clean, Green & Healthy India	<b>Dr. M. Rajesh,</b> President, Tamilnadu Science Research Forum & Assistant Professor of Zoology, The American College, Madurai Madurai Assistant Commissioner of Police, Madurai <b>RotrarianNellaiBabu ,</b> Founder, BharathiYuva Kendra, Madurai	The budding researchers from various colleges gained inputs on research. Presentation of the research projects by the students instilled them self- confidence & motivated them to strive further with advanced research projects.
<b>2018 - 2019</b>					
5.	Jul. 25, 2018	Inauguration of Research Cell	Innovative Findings of Research	Dr.S.Rajendran, Associate Professor and Chair, Unit of Rural Biotechnology, Saraswathi Narayanan College	Motivational talk on taking up feasible research projects.





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6.	Aug. 14, 25, 26, 2018	Eye Opening Session	Eye Opening Session	<b>Sr. Vinnarasi,</b> Coordinator, WEAT Fatima College	Research areas of rural based problems were made known to the students
7.	Sep. 17, 2018	National Seminar	Nurturing Academic Integrity: Consistenc y and Transpare ncy in Academia	<b>Dr. B. Suresh,</b> Univeristy Librarian, Madurai Kamaraj University <b>Dr. K. Vinitha,</b> Librarian, St. Mary's College, Tuticorin <b>Dr. K. Ramasamy,</b> Librarian, MVM Govt. Arts and Science College, Dindigul <b>Dr. L. Radha,</b> Librarian, Thiagarajar Engineering College, Madurai.	Awareness on code of ethics while doing research.  Tools used for assessing plagiarism
8.	Feb. 05, 2019	International Symposium	The Future Research Trends and Challenges	<b>Dr.SaravananP.Veera muthu,</b> Senior Lecturer, Literature Section, School of Humanities, University of Science, Malaysia <b>Dr.MalarvizhiSinayah</b> Senior Lecturer, Tamil Programe Coordinator,	Research insights as per the research culture in Malaysia.  Practical tips while choosing the



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				<p>Department of Malaysian Languages and Applied Linguistics, Faculty of Languages and Linguistics, University of Malaya, Kuala Lumpur</p> <p><b>Dr. Thanalachime Perumal</b>, Senior Lecturer, University of Malaya, Kuala Lumpur, Malaysia</p> <p><b>Dr. Ponniamah M. Muniandy</b>, Secondary School Tamil Teacher, Sri Kota Secondary School, Taiping, Perak, Malaysia</p>	<p>problem statement, intricacies involved in sample selection, methodology &amp; Statistical analysis.</p>
9.	Feb. 20, 2019	State Level Inter Collegiate Fest Exploria'19	Sustainable Goals of India	<p><b>Dr. Manickam Mahendran</b>, Associate Dean of Research, Associate Professor of Physics, Thiagarajar College of Engineering, Madurai</p> <p><b>Rotrarian Nellai Babu</b> Founder, Bharathi Yuva</p>	<p>Numerous project presentations by students provided a research environment paving way for intense research among the young minds.</p>



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				Kendra, Madurai	
<b>2017 - 2018</b>					
10.	Aug. 23, 2017	Inauguration of Research Cell	‘How’ and ‘Why’ Research	<b>Dr. N. Shankar,</b> Scientist & Founder, AKARAM Foundation, Madurai	Eye opening session for fresher in the area of research
11.	Sep. 19, 2017	International Symposium	Biomateria ls and Nanochemi stry	<b>Dr. Francesca Cavalieri,</b> Scientist ENEA Academy, Department of Chemical & Biomolecular Engineering, University of Melbourne <b>Dr.Muthupandian Ashokkumar,</b> Deputy Dean, The University of Melbourne, Australia, Dr. Francesca Caroline, University of Melbourne, Australia	Problems to be tackled in the planning & choosing a feasible research.  New perspective of research in view of Australian outlook.
12.	Sep. 20, 2017	Interactive Session	Women & Rural Empowerm ent	<b>Jean – Marie Barbier,</b> Professor at CNAM, Paris & Head of the UNESCO Chair <b>Martine Dutoit,</b> Professor, Univ. of	Participants motivated to get their queries answered





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				EVRY& UNESCO Chair	
13.	Feb. 07, 2018	International Symposium	Biomedical Research: Challenges and Opportunit ies	<b>Jack Rubinstein</b> , MD, Associate Professor of Medicine, Director, Clinical Research, VA Medical Center, University of Cincinnati, Ohio, USA <b>Dr.Sakthivel Sadayappan</b> , Professor of Medicine, Director, Heart Branch of the Heart, Lung and Vascular Institute, University of Cincinnati, Ohio, USA	Scientific temper while executing a research project.
14.	Feb. 22, 2018	State Level Inter Collegiate Fest Exploria'18	Youth Developme nt : Holistic Health	<b>Dr. Augustus Samuel Dodd</b> , Medical Superintendent, Grace Kennet Foundation Hospital, Madurai, <b>Rtn. NellaiBalu</b> , Founder, BharathiYuva Kendra, Madurai.	New insights of participation of youth towards holistic health.
<b>2016 - 2017</b>					
15.	July 25, 2016	Guest Lecture	Importance of Research	<b>Dr. K. Ravichandran</b> , Special Officer, Madurai Kamaraj	Motivational talk to encourage the students of



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			Culture among College Students	University	Students Research Forum to take up doable research
16.	Nov. 17, 2016	Interactive Session	Short Film Production	<b>Mr. Saravana Raj,</b> Cinematographer and Film Maker	Students and staff empowered with skills on Short Film Production.
17.	Dec. 10, 2016	Workshop	Intellectual Property Rights	<b>Dr.M.Kanthababu,</b> Professor, Department of Manufacturing Engineering, College of Engineering Guindy, Anna University and Director of Centre for Intellectual Property Rights (CIPR), Anna University, Chennai	Participants gained knowledge on the need to conceal the intellectual property rights. Awareness on patent or original research work.
18.	Mar. 14, 2017	Intercollegiate Research Fest Exploria '17	Youth : Agents of emancipation And Transformation	<b>Dr. Sr. K. Fatima Mary,</b> Principal, Fatima College, Madurai  <b>Dr.Sr. S. Francisca Flora</b> Secretary, Fatima	Inspiring productive talks felicitating students participation & presentation of innovative research projects.



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			(Global Vision & Local Action)	College, Madurai	
<b>2015 - 2016</b>					
19.	Sep. 09, 2015	Discussion Session	Topics for Research	<b>Dr.Krishna kumar,</b> Scientist, DRDO	Students were probed to think about societal oriented projects.
20.	Mar. 09, 2016	Research Fest Exploria '16	Need of Research in Today's World	<b>Rev.Dr. K. Fatima Mary,</b> the principal, Fatima College <b>Dr.Bala Krishnan,</b> Executive Director, Vergal Education Trust.	The motivational talks were an eye opener to the budding researchers.





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## STUDENT RESOURCE FORUM – RESEARCH ACTIVITIES

### PRESENTATION OF PROJECTS ON SOCIALLY RELEVANT ISSUES





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### RELEASE OF PROJECTS CD (2015 – 2019)







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### WINNERS OF INNOVATIVE PROJECTS (EXPLORIA 2020)







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## FATIMA COLLEGE (AUTONOMOUS), MADURAI

### THE RESEARCH CENTRE OF ENGLISH

The Research Centre of English, Fatima College (Autonomous), Madurai and St. Joseph School for the Blind, Madurai, signed a **Letter of Intent** on **17.03.16**. The aim of the **LOI** is to sharpen the communication skills in English of the students of St. Joseph School for the Blind.



The team representing Fatima College comprises Dr. S. Geetha, Associate Professor & Head, The Research Centre of English, Dr. Mary Magdalene Abraham, Associate Professor of English, Mrs. Sangeetha Rani, Assistant Professor of English and Mrs. M. Esther, Assistant Professor of English.



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Sr. Packiam, the Headmistress, St. Joseph School for the Blind signing the LOI

Dr. Sr. K. Fatima Mary  
M.A., Ph.D., HISE, PGDVE  
Principal

FATIMA COLLEGE (Autonomous)  
(College with Potential for Excellence)  
Mary Land, Madurai-18.  
PHONE: 2668016, 2669015.  
FAX: 0452-2668437  
Email: fatimacollegemdu@gmail.com  
Date : 11.03.2016

To  
The Headmistress  
St. Joseph School for the Blind  
Paravai  
Madurai

Through  
Dr. S. Geetha  
Associate Professor & Head  
The Research Centre of English  
Fatima College (Autonomous),  
Madurai - 625 018.

Dear Rev. Sister,

Sub: Communication Skills for the students of St. Joseph School for the Blind -Reg.

\*\*\*\*\*

Greetings from the Research Centre of English! Fatima College.

The Research Centre of English had a fruitful interaction with the students of your school in January 2016. As a follow up, we would like to sign a Letter of Intent between your School and our College so that there is a continuity of imparting Communication Skills. Our student volunteers called 'Dhrishi' are eager to take classes for your wards.

The objective of this program is to instill a love for the English language in the school students and also to sensitise the student volunteers to reach out to the special children. The following areas will be focussed

- \* Listening skills
- \* Developing vocabulary
- \* Speaking skills
- \* Dramatic skills
- \* Soft skills

A team of 100 volunteers are ready to spend 4hrs per week from 2.00 pm to 4 pm. A detailed time table will be drawn up and followed. I would like to bring to your notice that my colleagues have worked with the visually impaired as part of the UGC sponsored Major Research Project on "Teaching English for the Visually Impaired" and hence would like to continue the yeoman service.

Looking forward to a mutual exchange of skills and services.

*Dr. Sr. K. Fatima Mary*  
PRINCIPAL  
(Dr. Sr. K. Fatima Mary)  
PRINCIPAL  
FATIMA COLLEGE (AUTONOMOUS)  
MADURAI - 625 018.

*Dr. S. Geetha*  
HOD  
(Dr. S. Geetha)  
Dr. S. GEETHA  
Associate Professor & Head  
Research Department of English  
FATIMA COLLEGE (Autonomous)  
MADURAI-18.

*Sr. Packiam*  
HEADMISTRESS  
(Sr. Packiam)  
ST. JOSEPH'S SCHOOL  
PARAVAI  
MADURAI - 625 018.

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After the signing of the LOI, 20 volunteers of **Drishti** from I B.A English interacted with the students of class VII and VIII.

Staff of the Research Centre of English and Volunteers of **Drishti** teaching English to the Students of the Blind School



The ice breaking session was followed by fun- filled bilingual conversation. The volunteers and the little learners had a rewarding, creative experience. It also taught our young girls to move out of their comfort zone and reach out to the special children.

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