

Minutes of the Research and Development cell meeting held on 18 August 2023

The Fatima College Research and Development Cell convened its first meeting for the academic year 2023-24 on August 18, 2023. The meeting began with a short prayer. Dr. S. J. Kala, Dean of Research, gave a formal note of welcome.

With the intention of orienting staff and students towards research and innovation, the following points were discussed:

- * Dr. S. J. Kala, Dean of Research, oriented the gathering by explaining the key roles and responsibilities of students and staff towards research. And she urged the students to utilize the opportunities in the upcoming competitions to be organized by Research and Development cell.

- * The Research Mentors were told to motivate and sustain the research thirst among students.

- * Mandating publication of research articles by the Fatima college staff once in a semester.

- * Quality of PG projects should be noted.

- * promote MOU's with industries

Departmentwise Mentor's allotted as follows:

Shift - I

Tamil, Commerce and Economics	- Dr. P. Kalaiselvi
History, Sociology and English	- Dr. V. Bharathy
Physics and Computer Science	- Dr. M. Ragam
Mathematics (Reg), Chemistry	- Dr. M. Priyadarsini
Zoology and Home Science	- Dr. J. Annet Mary

Shift II

Mathematics, Statistics, BCA and IT - Dr. V. Vanitha
MBA, MCA, B.Com (Hons) and B.Com (CS) - Dr. B. Jayanthi
English, JMC, BBA, B.Com and B.Com (CA) - Mrs. A. Rosary Infanta.

To improve the research on campus, the members were requested to motivate the staff and students. The Research and Development Cell decided to elect student representative for the cell.

The team was asked to motivate the professors to publish more papers and establish a healthy research environment.

S. J. K.

Dr. S. J. Kala

Dean (Shift I)

Research and Development Cell

Dr. P. Shyamala

Dr. P. Shyamala, Dean (Shift II)

Dr. J. Annet Mary

Dr. J. Annet Mary, Asst. Dean (Shift I)

Dr. V. Vanitha

Dr. V. Vanitha, Asst. Dean (Shift II)

Dr. B. Jayanthi

Dr. B. Jayanthi

Dr. P. Kalaiselvi

Dr. P. Kalaiselvi

Dr. M. Ragam

Dr. M. Ragam

Dr. M. Priyadharsani

Dr. M. Priyadharsani

Dr. V. Bharathy

Dr. V. Bharathy

Mrs. A. Rosary Infanta

Mrs. A. Rosary Infanta

Minutes of DST-FIST Project preparation:

28, August 2023

The Project implementation Group met together on 28.8.23 along with principal Sister to discuss the preparation for DST-FIST Level A Presentation. Sister principal congratulated the team for the selection for presentation. The group members are asked to prepare the power point slide as per format given by DST-FIST, Budget priority list and short profile of the College.

All the above said documents had been uploaded in the DST-FIST online portal along with the confirmation letter.

It was decided that along with Principal Rev. Dr. G. Celine Sahaya Mary, Dr. J. Annet Mary, Assistant Professor of Zoology and Dr. Anjemma Joseph, Assistant Professor of Physics will attend for DST-FIST Presentation to be held at IIT, New Delhi on 2.9.23.

Dr. S. J. Kala s.j. SL

Dean (Shift I)

Research and Development cell.

Dr. P. Shyamala, Dean (Shift II)

Dr. J. Annet Mary, Asst. Dean (Shift I)

Dr. V. Vanitha, Asst. Dean (Shift II)

Dr. B. Jeyanthi

Dr. P. Kalaiselvi

Dr. M. Ragam

Dr. M. Priyadharsini

Dr. V. Bharathy

Mrs. A. Rosey Infanta

Dr. J. Annet Mary

B. Jeyanthi

P. Ragam

M. Priyadharsini

A. Rosey

Minutes of meeting for National Seminar
29, September 2023

The members of Research and Development cell met on September 29th 2023 to discuss the National Seminar. It was decided to be held on 18.10.23.

Dr. S.J. Kala, Dean of Research and Development cell suggested a title "Campus - Corporate - Community - Connect", Bridging the gap between Research and Application" for the National Seminar.

The team was asked to fix an appropriate resource person for each category.

Dr. S.J. Kala and Dr. P. Shyamala were verifying the proposed SPS-TNSCST projects and instructed the team to upload the verified projects.

Dr. S.J. Kala discussed the team about the contribution from the college to the staff who are applying patents.

Dr. S.J. Kala. S.J. K
Dean (Shift I)
Research and Development
Cell.

Bh	Dr. P. Shyamala, Dean (Shift II)
Prasanna	Dr. J. Annet Mary, Asst. Dean (Shift I)
V. V.	Dr. V. Vanitha, Asst. Dean (Shift II)
B. Jayanthi	Dr. B. Teyanthi
P. Kalaiselvi	Dr. P. Kalaiselvi
M. Ragam	Dr. M. Ragam
M. Priyadharsini	Dr. M. Priyadharsini
V. Bharathy	Dr. V. Bharathy
A. Rosary Infantina	Mrs. A. Rosary Infantina

Minutes of Research and Development cell meeting
about National Seminar held on 4, October 2023.
The team met on 4th October 2023, and the main
topic of discussion was the National Seminar
which is scheduled to be held on 18.10.23

Deans finalise the following resource persons for the
National Seminar:

Technical Session I : Dr. Rama Gokula Krishnan
Assistant professor of Social Work
St. Joseph's University
Bengaluru.

Technical Session II : Dr. D. Uma Devi
Scientist (DST - WOSA)
Department of Chemistry
III Palakkad, Kerala.

Technical Session III : Dr. S. Jagatheeswaran
Managing Director
BIOME Live Analytic Centre
Karaikudi
Tamil Nadu.

Deans were draft the duties for the members
for the seminar.

The Committee decided to collect Rs. 50 from
Fahima Research and Development Cell Students;
Rs. 200 from other college students; Rs. 250 from
research scholars and Rs. 350 from all the faculty
for National Seminar.

Duty List for National Seminar:

1. Inviting participants, Google Form for Registration : Dr. P. Kalai Selvi, Mrs. A. Rosary Infanta
2. Stage arrangement and Decoration, Agenda Preparation, seating arrangement for participants, water points, announcement desk, Digital display, organizing PPT's of Resource Persons - Dr. J. Asnet Mary, Dr. R. Jothi Mani
3. Printing brochure, invitation, certificates, Accounts and bill Settlement - Dr. P. Shyamala
4. Reception, On the spot registration, Seminar kit, Memento, Certificate writing, preparation and issue of OD form - Dr. M. Ragam, Mrs. A. Rosary Infanta
5. Brochure, Invitation, Certificate designing - Dr. S. J. Kala
6. Programme Coordination, Inviting Sisters and Resource persons, MC, Certificate distribution, Discipline - Dr. V. Vanitha, Dr. M. Priyadharsini
7. Refreshment, Hospitality, Conveyance for guest, getting sign in vouchers - Dr. B. Jayanthi, Dr. V. Bharathy.
8. Students Refreshment and Lunch - Dr. M. Priyadharsini, Dr. R. Jothi Mani
9. Feedback form Link creation, Circulation and Consolidation - Dr. P. Kalai Selvi



10. Report writing, Photographer, Documentation
and Press - Dr. J. Asnet Mary, Dr. V. Vanitha
and Dr. V. Bharathy

Dr. S. J. Kala S. J. 31

Dean

Research and Development cell

Fatima College

Dr. P. Shyamala, Dean (Shift II)

Dr. J. Asnet Mary, Asst. Dean (Shift II)

Dr. V. Vanitha, Asst. Dean (Shift II)

Dr. B. Jeyanthi

Dr. P. Kalaiselvi

Dr. M. Ragam

Dr. M. Priyadharsani

Dr. V. Bharathy

Mrs. A. Rosary Infanta

Minutes of the meeting about change of Venue.
16, October 2023

The Committee convened to discuss about the change of the Venue for the National Seminar. The arrangement which was first planned and restructured accordingly.

The members were asked to report the completion of their duties for the forth coming Seminar.

Dr. S.J. Kala S. J. KL
Dean of Research
(Shift I)

Dr. P. Shyamala
Dean of Research (Shift II)

B. Jayk Dr. B. Jeyanthi

Asnet Mary Dr. J. Asnet Mary
Asst. Dean (Shift I)

V. Vanitha Dr. V. Vanitha
Asst. Dean (Shift II)

P. Kalaiselvi Dr. P. Kalaiselvi

M. Ragam Dr. M. Ragam

M. Priyadharshini Dr. M. Priyadharshini

V. Bharathy Dr. V. Bharathy

Mrs. A. Rosary Infanta Mrs. A. Rosary Infanta

Minutes Of the Research and Development cell meeting. 1 November 2023

The agenda for the meeting was to prepare and uploading the documents for Recommended DST - FIST Project.

The project implementation group members met Dr. Sr. G. Celine Sahaya Mary, principal Congratulated the team and expressed her wishes for the success of the project. Dr. S. J. kala, Dean of Research, Shift I suggested to prioritize the budget on the usage for pg and Research students. And also asked to include industry and academia related research projects.

Action Taken: The documents were prepared as per the suggestions from principal sister and Dr. S. J. kala. The final document, after it was checked by Dr. S. J. kala, Dean of Research, Shift I and Dr. Sr. G. Celine Sahaya Mary, principal was uploaded in the DST web portal on 9th November 2023.

S. J. kala Dr. S. J. kala
Dean of Research
(Shift I)

Research and Development
Cell.

Dr. P. Shyamala, Dean of Research (Shift II)
Dr. J. Annet Mary, Asst. Dean (Shift I)
Dr. V. Vanitha, Asst. Dean (Shift II)
Dr. B. Teyanthi
Dr. P. Kaliselvi
Dr. M. Ragam
Dr. M. Priyadharani
Dr. V. Bharathy
Ms. A. Rosany Infanta

Minutes of SERB-SURE proposal Meeting

21, November 2023

The members of Research and Development cell met on 21st November 2023, to discuss about SERB-SURE proposal. The circular was sent to the mentors of science departments on 15th November 2023. The following faculties were interested in applying for the proposal.

Dr. Anicemma Joseph - Physics

Dr. M. Ragam - Physics

Dr. Sr. G. Jenita Rani - Physics

Dr. T. Jeyasheela - Physics

Dr. M.V. Leena Chandra - Physics

Dr. J. Asnet Mary - Zoology

The team scrutinized the project proposals and suggested some corrections in the objectives, budget, timeline, infrastructure of the project.

Action taken: Signed endorsement letter was handed over to faculty members on 7th December 2023.

Dr. S. J. Kala - S. J. K.

Dean of Research (Shift I)

Research and Development cell

Fatima College.

Dr. P. Shyamala, Dean (Shift II)

Dr. J. Asnet Mary, Asst. Dean (Shift I)

Dr. V. Vanitha, Asst. Dean (Shift II)

Dr. B. Jeyanthi

Dr. P. Kalaiselvi

Dr. M. Ragam

Dr. M. Priyadharsani

Dr. V. Bhasathy

Ms. A. Rosary Infanta

Minutes of the meeting of Research and Development cell 17, January 2024

The members of Research and Development cell met on 17, January 2024 and discussed the conduct of Exploria 2024.

- * It was decided to conduct on 15th February, 2024
- * The research mentors were told to motivate the departments.
- * The team was decided to choose a theme that would fall inline with the expectations of NAAC and AQAR.
- * Dr. S.J. Kala, Dean of Research (Shift I) expressed that there should be more number of participants from outside colleges and motivated the members to contact different colleges.
- * Dr. S.J. Kala, Dean of Research (Shift I) emphasized the theme of exploria "Innovate to Bridge the Gap between/among campus - corporate - community."

Dr. S.J. Kala S. J. K
Dean of Research (Shift I)

Dr. J. Asnet Mary
Asst. Dean (Shift I)

Dr. P. Shyamala, Dean (Shift II)
Dr. V. Vanitha, Asst. Dean (Shift II)
Dr. P. Kalaiselvi
Dr. B. Teyanthi
Dr. M. Ragam
Dr. M. Priyadarsani
Dr. V. Bharathy
Mrs. A. Rosany Infanta

P. Kalaiselvi
Dr. B. Teyanthi
Dr. M. Ragam
Dr. M. Priyadarsani
Dr. V. Bharathy
A. Rosany Infanta

Minutes of the meeting of Research and Development Cell for Exploria 24,

24.1.24

The members of Research and Development cell met on 24th January 2024 to discuss the debies and judges for the upcoming exploria 24 in ST6.

The team finalized the external and internal Judges for the competition.

Dr. S.T. kala, Dean of Research (Shift I) informed the change of Dates of Submission of abstract, video presentation and Final Presentation.

The team decided to have 2-3 participants in a team.

The team Finalized these following dates for each stage for the upcoming event:

Submission of Abstract : 14.2.24

video presentation : 19.2.24

Final power point presentation: 22.2.24.

The following are finalized internal and external Judges:

Dr. T. Teyanthi Vijayarani
Associate Professor & Head
Research centre of Commerce
Fatima college
Madurai

Dr. Fernando Delishia
Associate professor & Head
Research centre of English
Fatima college
Madurai

Dr. S. L. Kumari
Associate Professor
Department of BBA
Fatima College
Madurai.

Dr. M. V. Leena Chandra
Assistant Professor
Research Centre of Physics
Fatima College
Madurai

Dr. N. Malathy
Assistant Professor
Department of Zoology
Fatima College
Madurai.

Dr. B. Vinusha
Assistant Professor
Department of Chemistry
Fatima College
Madurai.

Dr. R. V. Krishna Kumar
Associate Professor in Physics
Thiagarajar College, Madurai.

Dr. A. S. Lakshmi Rani
Assistant Professor in Commerce
S. N College, Madurai.

Mr. K. J. Dhananjeyan
Assistant professor in Zoology
The American College, Madurai.

The following are the duties for Explexia 24:

1. Brochure, Invitation and Certificate Designing - Dr. S. J. Kala and Dr. P. Shyamala.
2. Inviting participants (other colleges), inviting principal, Vice principals, IEAE coordinator and Judges - Dr. P. Kalaiselvi, Dr. J. Annet Mary, Dr. M. Ragam and Dr. V. Bharathy.
3. Finalising Fatima College participants - Dr. J. Annet Mary and Mrs. A. Rosary Infanta.
4. Rangoli & lobby Decoration, Reception at Jubilee hall - Dr. M. Ragam and Dr. M. Priyadharshini.
5. Stage arrangement & Decoration, Agenda preparation and print out, Hall arrangement - seating arrangement for the participants, water points, announcement desk, Digital display, organising power points of participants - Dr. V. Vanitha, Dr. B. Jayanthi.
6. Google Form for 'registration' - Dr. P. Kalaiselvi.
7. Collecting Abstract, videos and co-ordinating with the internal and external judges on 19.2.24 - 22.2.24 - Dr. V. Vanitha, Dr. M. Ragam, Dr. V. Bharathy and Dr. M. Priyadharshini.
8. Reception, on the spot registration, distribution of Competition kit, Valediction Session and Prize Distribution - Dr. P. Kalaiselvi, Dr. J. Annet Mary, Mrs. A. Rosary Infanta.
9. Certificate Print out, certificate writing, distribution, Preparation and issue of OD form - Mrs. M. Priyadharshini.
10. Programme coordination - Dr. S. J. Kala, Dr. P. Shyamala.
11. Refreshment, Lunch, conveyance for guest - Dr. M. Priyadharshini, Dr. B. Jayanthi and Mrs. A. Rosary Infanta.
12. Accounts and bill Settlement, Memento, competition kit purchasing - Dr. S. J. Kala and Dr. P. Shyamala.

13. Feedback form link creation, circulation and Consolidation - Dr. P. Kalaiselvi, Dr. B. Jayanthi
14. Report writing, Photographs, Documentation and Press - Dr. J. Asnet Mary, Dr. V. Vanitha
15. Discipline - Dr. J. Asnet Mary, Dr. V. Vanitha, Dr. P. Kalaiselvi, Dr. B. Jayanthi, Ms. A. Rosary Infanta.

Dr. S. J. Kala
Dean of Research
(Shift I)

S. J. K

Research and Development Cell.

Dr. P. Shyamala, Dean (Shift II)

Dr. J. Asnet Mary, Asst. Dean (Shift I)

Dr. V. Vanitha, Asst. Dean (Shift II)

Dr. B. Jayanthi

Dr. P. Kalaiselvi

Dr. M. Ragam

Dr. M. Priyadharsani

Dr. V. Bharathy

Ms. A. Rosary Infanta

Phil
J. Asnet Mary
V. Vanitha

B. Jayanthi
P. Shyamala
M. Ragam

M. Priyadharsani
V. Bharathy

A. Rosary

Minutes of the meeting for project proposal Submission
13.2.24

The members of Research and Development Cell met on 13th February 2024 and scrutinized the project Proposal Submitted by Dr. M. Angel, Assistant professor, Department of Home Science and suggested some corrections in the Objectives, budget, timeline, infrastructure of the project. And also asked to add name and address of experts in the proposed field.

As the date of Submission for SERB-POWERGRANT Proposal has been extended till, 15th February 2024, The circular was set to the Heads of all the Science Departments.

Dr. S.J. Kala S. J. KL
Dean of Research
(Shift I)

Dr. P. Shyamala, Dean (Shift II)	
Dr. J. Asnet Mary, Asst. Dean (Shift I)	
Dr. V. Vanitha, Asst. Dean (Shift II)	
Dr. B. Teyanthi	
Dr. P. Kalaselvi	
Dr. M. Ragam	
Dr. M. Priyadharsani	
Dr. V. Bharathy	
Mrs. A. Rosary Infanta	

(Left side signatures: B. K. P., P. K. P., M. Ragam, Dr. Priyad, V. Bharathy, A. Kala)

Minutes of First round of Explanatory 24.
16.2.24

Dr. S. J. Kala, Dean of Research (Shift I),
Dr. P. Shyamala, Dean of Research (Shift II), Dr. V. Vanitha
Assistant Dean of Research (Shift II) met on 16th February
2024 to select the abstracts at 10.30 am.

Dr. S. J. Kala, Scrutinized 52 abstracts out of which
She shortlisted 20 abstracts for the next level.

ie, 39 teams from Fatima college and 13 teams
from other colleges were participated in round one.

S. J. K. Dr. S. J. Kala
Dean (Shift I)

Research and Develop
ment
Cell.

Phil
B. S. J.
V. B. H.

Dr. P. Shyamala, Dean (Shift II)

Dr. J. Ashet Mary, Asst. Dean (Shift I)

Dr. V. Vanitha, (Shift II) Asst. Dean.

B. S. J.

Dr. B. Jeyanthi

P. J. A.
V. B. H.

Dr. P. Kalaiselvi

Dr. M. Ragam

A. Priya-d

Dr. M. Priyadhassani

V. B. H.

Dr. V. Bharathy

A. Polan

Mrs. A. Rosary Infanta

Minutes of Second round of Exploria 24.

19.2.24.

The Research and Development cell met on 19th February 2024 at 10.00am for Second round of Exploria 24 - Intercollegiate Research competition.

Dr. S.J. Kala, Dean of Research (Shift I) welcomed and honoured the internal Judges.

The following Internal Judges were Present for evaluating the video presentations:

1. Dr. T. Jeyanthi Vijayarani
Associate professor & Head
Research Centre of Commerce.

2. Dr. Fernando Delishia
Associate professor & Head
Research Centre of English

3. Dr. S.L. Kumari
Associate professor
Department of BBA

4. Dr. M. V. Leena Chandra
Assistant professor in Physics

5. Dr. N. Malathy
Assistant professor in Zoology

6. Dr. B. Virusha
Assistant professor in Chemistry

Five teams from Fatima college and five teams from other colleges were selected for final presentation.

Dr. P. Shyamala, Dean of Research (Shift II)
Proposed the vote of thanks.

Dr. S.J. Kala S. J. K.
Dean (Shift I)
Research and Development Cell

Dr. P. Shyamala
Dr. J. Asnet Mary
V. Vanitha
B. Jeyanthi

Dr. P. Shyamala

Dr. P. Shyamala
V. Vanitha
A. Polu

Dr. P. Shyamala, Dean (Shift I)
Dr. J. Asnet Mary, Asst. Dean (Shift I)
Dr. V. Vanitha, Asst. Dean (Shift II)
Dr. B. Jeyanthi
Dr. P. Kalaiselvi
Dr. M. Ragam
Dr. M. Priyadharsani
Dr. V. Bharathy
Mrs. A. Rosary Infantia
Dr. B. Jeyanthi

Minutes of Exploria 24 held on 22nd Feb 2024.

20.0.00

The team met on 22nd February, 2024 at 9.00 am in the Jubilee Hall to conduct the final round of Exploria 24.

* Students' Council president Miss. S.K. Jeya Hareini welcomed the gathering.

* In the inaugural address, Dr. Sr. G. Celine Sahaya Mary, the principal emphasized that the research has to bridge the three sectors academy, industry and community. The scientific discovery in the bench side should reach the community for the benefit of human mankind through industries. The three Cs' Campus - Corporate - community can be connected by strong Dedication, Determination and Discipline.

* Ten projects were presented for final evaluation. Five from Fatima college and Five from other colleges.

* The following three external Judges from different colleges around Madurai were invited.

1. Dr. R.V. Krishna Kumar

Associate professor in Physics
Thiagarajar college, Madurai.

2. Dr. A.S. Lakshmi Rani

Assistant professor in commerce
Saraswathy Narayanan College, Madurai.

3. Mr. K.J. Dhananjeyan

Assistant Professor in Zoology
The American college, Madurai.

* Mr. B. T. Bangera, Managing Director,
Hi-tech Arai Pvt Ltd sponsored the event.

* The following teams from Fatima college
emerged as winner

First prize - Rs. 10000/- (cash prize)

Ms. R. Rithani and Ms. K. Vibhagini

Second prize - Rs. 5000/- (cash prize)

Ms. Z. Jafina Barvin and Ms. N. Caroline Fabinaa
and Ms. G. Mahalakshmi

Third Prize - Rs. 3000/- (cash prize)

Ms. K. Reshma Banu and Ms. R. Rohini

* The following are the prize winners of the other
colleges.

First prize - Rs. 10,000/-

Mr. R. Manisudhan and Mr. D. Rohith - Madura college

Second Prize - Rs. 5000/-

Ms. S. Amirthavashini and G. Sakthivel - The American college

Third prize - Rs. 3000/-

Mr. S. Sivakumar and Mr. A. Aanaikully - The American
College Satellite campus.

* Students' Council Secretary G. Kaniya Shree proposed
the vote of thanks.

The following are the Project title of Internal and External prize winners.

1. Crop Prediction and Recommendation using ensemble of DL models.
2. Organic Pesticides
3. Effects of flavonoids - enriched orange peel powder.
4. Development of Sustainable Techniques for Biological Deinking of mixed office wastepaper.
5. Ragi Millet Ice Cream
6. Sustainable Practices through Vermicomposting.

Student's Council Secretary Miss. G. Kariya proposed the vote of thanks.

Dr. S. J. Kala

S. J. Kala

Dr. P. Shyamala

Dr. J. Asnet Mary

Asnet Mary

Dr. V. Vanitha

Vanitha

Dr. P. Kalaiselvi

Dr. M. Ragam

M. Ragam

Dr. M. Priyadharsani

M. Priyadharsani

Dr. V. Bharathy

V. Bharathy

Mrs. A. Rosary Infanta

A. Rosary Infanta

Dr. B. Teyanthi