

RESEARCH AND DEVELOPMENT CELL

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
CUDDALORE – 607 001

18.10.2023


Intramural Research Project review meeting for the Academic Year 2023-24 held on 18.10.2023 at Rev. Fr. Dr. I. Ratchagar Hall from 11.00 am to 1.00pm. The following scrutiny committee members were present. Rev. Fr. Dr. S. Xavier, Chairperson (RDC, Coordinator), Dr. J. John Arockiaraj, Vice- Principal & HoD of Mathematics (Member) and Dr. P. Marie Arokianathan, Head, Department of Biochemistry (Member). The following project proposals were submitted.

| S. No. | NAME OF THE DEPARTMENT | TITLE OF THE PROJECT | INVESTIGATORS |
|--------|------------------------|--|---|
| 1. | Physics | Synthesis of Eco-Friendly Positive electrode with improved stability for lithium ion battery | Dr. V. Sathana |
| 2. | Chemistry | An Efficient synthesis of π -conjugated Dihydropyrimidine core in water medium and it's significance | Dr. C. Aadaikalaraj Dr. F. Paul Arokiadoss |
| 3. | Microbiology | Microbial synthesis of selenium nanoparticles (Se NPs) and its evaluation of its biological activity | Dr. J. Jayaprakash Dr. D. John Milton Dr. C. Swaminathan |
| 4. | Biochemistry | Antioxidant, Antimicrobial, Phytochemical analysis and GC-MS Profiling of Cashew testa. | Dr. P. Marie Arokianathan Dr. N. Priya |
| 5. | Zoology | A comparative study on the effect of different feed on growth and survival of fresh water fishes | Dr. P. Thenmozhi Dr. N. Jayaprabha Ms. V. Pushpa Aruvi |
| 6. | English | Basics of English Speaking through mobile App | Dr. P. Indhu Sakthi Mr. A. Pradhap Mr. A. Napoleon Joseph |

Dr. M. ARUMAI SELVAM, M.Sc., M.Phil., Ph.D.,
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The principal investigators defended their projects and after scrutiny the following projects were approved for funding.

| S. No. | NAME OF THE DEPARTMENT | TITLE OF THE PROJECT | INVESTIGATORS | BUDGET In Rs. |
|--------------|------------------------|--|---|---------------|
| 1. | Physics | Synthesis of Eco-Friendly Positive electrode with improved stability for lithium ion battery | Dr. V. Sathana | 13,000/- |
| 2. | Chemistry | An Efficient synthesis of π -conjugated Dihydropyrimidine core in water medium and it's significance | Dr. C. Aadaikalaraj Dr. F. Paul Arokiadoss | 13,000/- |
| 3. | Microbiology | Microbial synthesis of selenium nanoparticles (Se NPs) and its evaluation of its biological activity | Dr. J. Jayaprakash Dr. D. John Milton Dr. C. Swaminathan | 13,000/- |
| 4. | Biochemistry | Antioxidant, Antimicrobial, Phytochemical analysis and GC-MS Profiling of Cashew testa. | Dr. P. Marie Arockianathan Dr. N. Priya | 13,000/- |
| 5. | Zoology | A comparative study on the effect of different feed on growth and survival of fresh water fishes | Dr. P. Thenmozhi Dr. N. Jayapraba Ms. V. Pushpa Aruvi | 13,000/- |
| 6. | English | Basics of English Speaking through mobile App | Dr. P. Indhu Sakthi Mr. A. Pradhap Mr. A. Napoleon Joseph | 10,000/- |
| Total | | | | 75,000/- |


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 RDC, COORDINATOR

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REPORT ON INTRAMURAL RESEARCH PROJECTS- 2021 - 2022

Under the scheme financial assistance for the academic year 2021-2022. Scrutiny Committee meeting for the project proposal held on 10.12.2021. The members of the committee Rev. Fr. G. Peter Rajendiram, Secretary (Chairperson), Rev. Fr. Dr. S. Xavier, Controller of Examinations and Dr. P. Marie Arokianathan, Head, Department of Biochemistry were present. The following project was submitted.

| S. No. | NAME OF THE DEPARTMENT | TITLE OF THE PROJECT | INVESTIGATORS |
|--------|--------------------------|--|---|
| 1. | Microbiology & Chemistry | A systematic study of plant extracts derived from medicinal plants for antimicrobial and antioxidant activities. | Dr. S. Joseph Christian Daniel, Dr. F. Paul Arokiadoss Dr. D. Sumitha |

The principal investigator defended the project and after scrutiny the following project was approved for funding.

| S. No. | NAME OF THE DEPARTMENT | TITLE OF THE PROJECT | INVESTIGATORS | BUDGET In Rs. |
|--------|--------------------------|--|---|---------------|
| 1. | Microbiology & Chemistry | A systematic study of plant extracts derived from medicinal plants for antimicrobial and antioxidant activities. | Dr. S. Joseph Christian Daniel, Dr. F. Paul Arokiadoss Dr. D. Sumitha | 13,000/- |
| Total | | | | 13,000/- |



COORDINATOR, RDC



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