



# Holy Cross College (Autonomous) Nagercoil - 629 004

Affiliated to Manonmaniam Sundaranar University, Tirunelveli  
Nationally Accredited with A+ Grade (CGPA 3.35) by NAAC IV Cycle  
An ISO 9001:2015 Certified Institution

SSR  
2019-2020  
to  
2023-2024

## 3.1.2 The institution provides seed money to its teachers for research

### Sanction Letters

2023-2024



### HOLY CROSS COLLEGE (AUTONOMOUS)

(Accredited with 'A+' Grade (CGPA 3.35) by NAAC  
Nagercoil - 629 004, Kanyakumari Dist., Tamil Nadu.

Phone: 04652-261473  
: 04652-260704  
E-mail : holycrossngc@yahoo.com  
: principal@holycrossngl.edu.in  
Website: www.holycrossngl.edu.in

Date: 11-12-2023

### SANCTION LETTER

Ref.: Project proposal dated 15<sup>th</sup> October 2023.

I am pleased to inform that the project proposal entitled "**Foliar Micromorphology Study of Selected Medicinal Members of the Lamiaceae Family**" has been approved for seed money grant to Dr. A. Anami Augustus Arul, Assistant Professor of Botany, Holy Cross College (Autonomous), Nagercoil. The institution hereby sanctioned a sum of Rs. 1,00,000/- (Rupees One Lakh only) as seed money for the execution of this project. This amount should be utilized as per the budget plan in the proposal.

  
PRINCIPAL  
Holy Cross College  
(Autonomous)  
Nagercoil - 629 004.





## HOLY CROSS COLLEGE (AUTONOMOUS)

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: 04652-260704

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: [principal@holycrossngl.edu.in](mailto:principal@holycrossngl.edu.in)  
Website: [www.holycrossngl.edu.in](http://www.holycrossngl.edu.in)

Date: 11-12-2023

### SANCTION LETTER

Ref.: Project proposal dated 15<sup>th</sup> October 2023.

I am pleased to inform that the project proposal entitled “**Diversity and Distribution of Microalgal Species in Selected Freshwater Ponds of Kanyakumari District**” has been approved for seed money grant to Dr. P. Leema Rose, Assistant Professor of Botany, Holy Cross College (Autonomous), Nagercoil. The institution hereby sanctioned a sum of Rs. 1,06,000/- (Rupees One Lakh and Six thousand only) as seed money for the execution of this project. This amount should be utilized as per the budget plan in the proposal.

*Delivered*  
11/12/23

**PRINCIPAL**  
**Holy Cross College**  
**(Autonomous)**  
**Nagercoil - 629 004.**





**Crossian Centre for Research and Development  
Holy Cross College (Autonomous), Nagercoil**

Affiliated to Manonmaniam Sundaranar University, Tirunelveli  
Accredited with A\* Grade (CGPA 3.35 - IV Cycle) by NAAC

Phone: 04652-261473; E-mail: [holycrossngc@yahoo.com](mailto:holycrossngc@yahoo.com)

Website: [www.holycrossngl.edu.in](http://www.holycrossngl.edu.in)

Date: 16.10.2023

Ref. No: CRSMS/ Call for proposals/Scholars/2023-'24

Sir/Madam,

Sub: Call for proposals under the Crossian Research Seed Money Scheme (CRSMS) -  
Reg.

Crossian Centre for Research & Development invites research proposals from the scholars of Holy Cross College (Autonomous), Nagercoil for the academic year 2023 - 2024. Interested scholars are asked to submit the duly filled in format on or before 17<sup>th</sup> November 2023. The soft copy of the proposal can be sent through the email [hccresearch@holycrossngl.edu.in](mailto:hccresearch@holycrossngl.edu.in). The hard copy of the proposal should be submitted to the Crossian Research Forum within the stipulated time.

Thank you,

*S. Mary Mottilda Bai*

**Dean of Research,  
Holy Cross College (Autonomous)  
Nagercoil - 629004.**

The seed money eligibility criteria are as follows:

- ↓ Full time scholars of the institution who have published books with ISBN or copyright, or research articles in Scopus, Web of Science, SCI, or SSCI journals with Impact Factor, or have presented papers in International or National seminars outside the college are eligible to apply.
- ↓ Only one proposal per person is allowed at a time.
- ↓ Once a seed grant is availed, the same candidate (Principal Investigator) cannot apply for the next three (3) consecutive years.
- ↓ The Co-Investigator (Co-PI) should be the research supervisor of the Principal Investigator (PI)





**Crossian Centre for Research and Development  
Holy Cross College (Autonomous), Nagercoil**

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Website: [www.holycrossngl.edu.in](http://www.holycrossngl.edu.in)

Date: 18.12.2023

Ref. No: CRSMS/Scholars/Call for proposals-Sanction letter/2023-2024

**SELECTION AND SANCTION ORDER FOR SEED MONEY**

**From**

Research Advisory Committee  
Holy Cross College (Autonomous)  
Nagercoil – 629 004

**To**

The Principal  
Holy Cross College (Autonomous)  
Nagercoil – 629 004

**Respected Sister,**

**Sub:** Selection and Sanction of Scholars' Seed money for the year 2023-2024.


On December 15, 2023, the Research Advisory Committee meeting was convened to review all the five research proposals (Chemistry 1, English 2, and Commerce 2) submitted by research scholars for Seed money (2023-2024). After a thorough analysis of the proposals, the Research Advisory Committee has recommended all the five proposals for the Seed money of Rs. 10,000/- each.

1. CRSMS 2023-2024/Scholars-1: Metal organic framework for sensing applications.  
Ms. S. Subadini & Dr. Y. Christabel Shaji, Department of Chemistry
2. CRSMS 2023-2024/Scholars-2: Intertwining Threshold Spaces and Human-Animal Dynamics in the Select Works of Easterine Kire.  
Ms. W. Fairly Jenifer & Dr. H. Jimsy Asha, Department of English
3. CRSMS 2023-2024/Scholars-3: Disentangling the effect of green banking adoption practices on performance: Top management commitment as a moderator.  
Ms. N. Saromi & Dr. S. Sahayaselvi, Department of Commerce
4. CRSMS 2023-2024/Scholars-4: Footprints of Reality in Future: Intrinsic Voyage through Becky Chambers' *Monk & Robot Series*.  
Ms. P. Asmin Janisha & Dr. H. Jimsy Asha, Department of English
5. CRSMS 2023-2024/Scholars-5: Employee commitment and cognitive engagement as moderators in the relationship between quality of work life and work life balance: A conditional moderated moderated-mediation model.  
Ms. C. Annie Riya Michael & Dr. M. Gnana Muhila, Department of Commerce

Place: Nagercoil  
Date: 18.12.2023

Thanking you,

  
**PRINCIPAL**  
Holy Cross College  
(Autonomous)  
Nagercoil - 629 004.

Yours Sincerely,  
  
Dean of Research



Crossian Centre for Research and Development  
Holy Cross College (Autonomous), Nagercoil  
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Phone: 04652-261473, E-mail: [holycrossngc@yahoo.com](mailto:holycrossngc@yahoo.com)  
Website: [www.holycrossngc.edu.in](http://www.holycrossngc.edu.in)

Date: 19.12.2023

From

The Principal  
Holy Cross College (Autonomous)  
Nagercoil - 629 004

To

Ms. S. Sabadini & Dr. Y. Christabel Shaji  
Department of Chemistry  
Holy Cross College (Autonomous)  
Nagercoil - 629 004

Dear,

Sub: Selection and Sanction of Seed money for the year 2023-2024 – reg.

Ref. No: CRSMS/ Scholars/Call for proposals-Sanction letter/2023-2024 dt 18.12.2023

Greetings!

The management appreciates and congratulates your effort in submitting the research proposal for the Seed money for the academic year 2023-2024. After a thorough analysis of the proposal, the Research Advisory Committee has recommended your proposal entitled, "Metal organic framework for sensing applications" for the Seed money of Rs. 10,000/-. The date of sanctioning the Seed money will be the commencement date of the project. The first installment of the Seed money of Rs.3750/- for the proposed Research work will be released in the month of December 2023.

Sincerely,

**PRINCIPAL**  
**Holy Cross College**  
(Autonomous)  
Nagercoil - 629 004.

## NAAC V Cycle Self Study Report (SSR)



**Crossian Centre for Research and Development**  
**Holy Cross College (Autonomous), Nagercoil**  
Affiliated to Manonmaniam Sundaranar University, Tirunelveli  
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Website: [www.holycrossngl.edu.in](http://www.holycrossngl.edu.in)

Date: 19.12.2023

From

The Principal  
Holy Cross College (Autonomous)  
Nagercoil - 629 004

To

Ms. W. Fairly Jenifer & Dr. H. Jimsy Asha  
Department of English  
Holy Cross College (Autonomous)  
Nagercoil - 629 004

Dear,

Sub: Selection and Sanction of Seed money for the year 2023-2024 – reg.

Ref. No: CRSMS/ Scholars/Call for proposals-Sanction letter/2023-2024 dt 18.12.2023

Greetings!

The management appreciates and congratulates your effort in submitting the research proposal for the Seed money for the academic year 2023-2024. After a thorough analysis of the proposal, the Research Advisory Committee has recommended your proposal entitled, "Intertwining Threshold Spaces and Human-Animal Dynamics in the Select Works of Easterine Kire" for the Seed money of Rs. 10,000/-. The date of sanctioning the Seed money will be the commencement date of the project. The first installment of the Seed money of Rs.3750/- for the proposed Research work will be released in the month of December 2023.

Sincerely,

  
**PRINCIPAL**  
**Holy Cross College**  
(Autonomous)  
**Nagercoil - 629 004.**





**Crossian Centre for Research and Development**  
**Holy Cross College (Autonomous), Nagercoil**  
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Website: [www.holycrossncl.edu.in](http://www.holycrossncl.edu.in)

Date: 19.12.2023

From  
The Principal  
Holy Cross College (Autonomous)  
Nagercoil - 629 004

To  
Ms. P. Asmin Jenisha & Dr. H. Jimsy Asha  
Department of English  
Holy Cross College (Autonomous)  
Nagercoil - 629 004

Dear,

Sub: Selection and Sanction of Seed money for the year 2023-2024 – reg.

Ref. No: CRSMS/ Scholars/Call for proposals-Sanction letter/2023-2024 dt 18.12.2023

Greetings!

The management appreciates and congratulates your effort in submitting the research proposal for the Seed money for the academic year 2023-2024. After a thorough analysis of the proposal, the Research Advisory Committee has recommended your proposal entitled, "Footprints of Reality in Future: Intrinsic Voyage through Becky Chambers' *Monk & Robot Series*" for the Seed money of Rs. 10,000/-. The date of sanctioning the Seed money will be the commencement date of the project. The first installment of the Seed money of Rs.3750/- for the proposed Research work will be released in the month of December 2023.

Sincerely,

Principal  
**PRINCIPAL**  
**Holy Cross College**  
(Autonomous)  
Nagercoil - 629 004.





**Crossian Centre for Research and Development**  
**Holy Cross College (Autonomous), Nagercoil**  
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Website: [www.holycrossngc.edu.in](http://www.holycrossngc.edu.in)

Date: 19.12.2023

From

The Principal  
Holy Cross College (Autonomous)  
Nagercoil - 629 004

To

Ms. N. Saromi & Dr. S. Sahayaselvi  
Department of Commerce  
Holy Cross College (Autonomous)  
Nagercoil - 629 004

Dear,

Sub: Selection and Sanction of Seed money for the year 2023-2024 – reg.

Ref. No: CRSMS/ Scholars/Call for proposals-Sanction letter/2023-2024 dt 18.12.2023

Greetings!

The management appreciates and congratulates your effort in submitting the research proposal for the Seed money for the academic year 2023-2024. After a thorough analysis of the proposal, the Research Advisory Committee has recommended your proposal entitled, "Disentangling the effect of green banking adoption practices on performance: Top management commitment as a moderator" for the Seed money of Rs. 10,000/-. The date of sanctioning the Seed money will be the commencement date of the project. The first installment of the Seed money of Rs.3750/- for the proposed Research work will be released in the month of December 2023.

Sincerely,

  
Principal

**Holy Cross College**  
(Autonomous)  
Nagercoil - 629 004.





## NAAC V Cycle Self Study Report (SSR)



**Crossian Centre for Research and Development**  
**Holy Cross College (Autonomous), Nagercoil**  
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Website: [www.holycrossncc.edu.in](http://www.holycrossncc.edu.in)

Date: 19.12.2023

From

The Principal  
Holy Cross College (Autonomous)  
Nagercoil - 629 004

To

Ms. C. Annie Riya Michael & Dr. M. Gnana Muhila  
Department of Commerce  
Holy Cross College (Autonomous)  
Nagercoil - 629 004

Dear,

Sub: Selection and Sanction of Seed money for the year 2023-2024 – reg.  
Ref. No: CRSMS/ Scholars/Call for proposals-Sanction letter/2023-2024 dt 18.12.2023

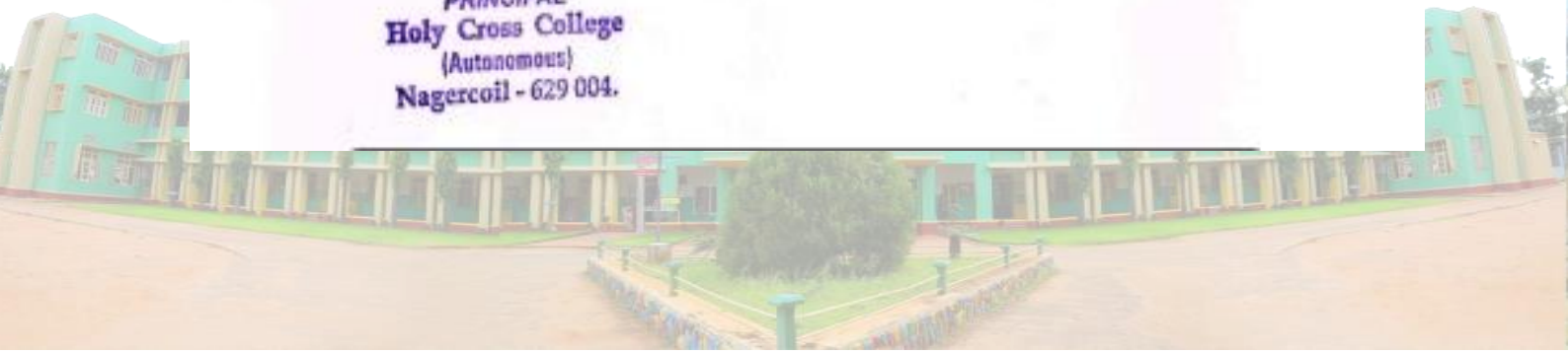
Greetings!

The management appreciates and congratulates your effort in submitting the research proposal for the Seed money for the academic year 2023-2024. After a thorough analysis of the proposal, the Research Advisory Committee has recommended your proposal entitled, "Employee commitment and cognitive engagement as moderators in the relationship between quality of work life and work life balance: A conditional moderated moderated-mediation model" for the Seed money of Rs. 10,000/-. The date of sanctioning the Seed money will be the commencement date of the project. The first installment of the Seed money of Rs.3750/- for the proposed Research work will be released in the month of December 2023.

Sincerely,

Principal  
PRINCIPAL

**Holy Cross College**  
(Autonomous)  
Nagercoil - 629 004.





## Crossian Centre for Research and Development

### Holy Cross College (Autonomous), Nagercoil

Affiliated to Manonmaniam Sundaranar University, Tirunelveli

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Website: [www.holycrossngl.edu.in](http://www.holycrossngl.edu.in)

Date: 25.08.2023

Ref. No: CRSMS/Faculty/Call for proposals/2023-'24

Sir/Madam,

Sub: Call for proposals under the Crossian Research Seed Money Scheme (CRSMS) -  
Reg.

Crossian Centre for Research & Development invites research proposals from the faculty of Holy Cross College (Autonomous), Nagercoil for the academic year 2023 - 2024 as per the eligibility criterion given in the research policy. Interested faculty is asked to submit the duly filled in format on or before 29<sup>th</sup> September 2023. The soft copy of the proposal can be sent through the email [hccresearch@holycrossngl.edu.in](mailto:hccresearch@holycrossngl.edu.in). The hard copy of the proposal should be submitted to the Crossian Research Forum within the stipulated time.

Thank you,

*S. Mary Mathilda Bai*

**Dean of Research,**  
**Holy Cross College (Autonomous)**  
**Nagercoil - 629004.**

The seed money eligibility criteria are as follows:

- ✚ Aided and Self-Financing faculty members of the institution who have published books with ISBN or copyright, or research articles in Scopus/ Web of Science/ SCI/ SSCI journals with Impact Factor, or have presented papers in International or National seminars outside the college are eligible to apply.
- ✚ Only one proposal per person is allowed at a time.
- ✚ Once a seed grant is availed, the same candidate (Principal Investigator) cannot apply for the next three (3) consecutive years.



**Crossian Centre for Research and Development**  
**College (Autonomous), Nagercoil**  
**Manonmaniam Sundaranar University, Tirunelveli**  
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[www.holycrossncl.edu.in](http://www.holycrossncl.edu.in)

**Date: 31.10.2023**

**Ref. No: CRSMS/ Faculty/Call for proposals-Sanction letter/2023-'24**  
**SELECTION AND SANCTION ORDER FOR SEED MONEY**

**From**

Research Advisory Committee  
Holy Cross College (Autonomous)  
Nagercoil-629004

**To**

The Principal  
Holy Cross College (Autonomous)  
Nagercoil-629004

**Respected Sister,**

**Sub: Selection and Sanction of Seed money for the year 2023-2024.**

The review meeting of the research proposal for the Seed money for the academic year 2023-2024 was held on 27.10.2023. There were six proposals (Biological Sciences 3 and Physical Sciences 3) submitted by the faculty members. After a thorough analysis of the proposal, the Research Advisory Committee has recommended the following four proposals for the Seed money of Rs. 20,000/- each.

1. CSMS 2023-'24/Faculty-1: Efficacy of *Quisqualis indica* and *Bougainvillea* flower extracts on fish pathogens and as colour enhancer in ornamental fishes.  
Principal Investigator (PI): Dr. J. Vinoliya Josephine Mary
2. CRSMS 2023-'24/Faculty-2: Spectral Investigation and Quantum Chemical Insights of Certain Sulfonyl Urea Herbicides and their Impact on Microorganisms,  
Principal Investigator (PI): Dr. S.J. Jenepha Mary
3. CRSMS 2023-'24/Faculty-3: Biomedical potential of green synthesized silver nanoparticles from the endocarp of Palmyra palm, *Borassus flabellifer*.  
Principal Investigator (PI): Dr. C. Anitha  
Co-Investigator (Co-PI): Dr. P.T. Arokyu Glory
4. CRSMS 2023-'24/Faculty-6: Utilizing Eco-Friendly Metal Oxide Nanoparticles as Highly Efficient Catalyst for Rocket Fuel Thermal Decomposition.  
Principal Investigator (PI): Dr. P. Aji Udhaya

Thanking you,

Place: Nagercoil  
Date: 31.10.2023

Yours Sincerely,  
*C. Mary Mathilda Bar*  
Dean of Research

*[Signature]*  
**PRINCIPAL**  
**Holy Cross College**  
**(Autonomous)**  
**Nagercoil - 629 004.**



**Crossian Centre for Research and Development**  
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Date: 02.11.2023

From  
The Principal  
Holy Cross College (Autonomous)  
Nagercoil-629004

To  
Dr. S.J. Jenepha Mary (PI)  
Assistant Professor of Physics  
Holy Cross College (Autonomous)  
Nagercoil - 629004

Dear Madam,

Sub: Selection and Sanction of Seed money for the year 2023-2024 – reg.  
Ref. No: CRSMS/ Faculty/Call for proposals-Sanction letter/2023-'24

Greetings!

The management appreciates and congratulates your effort in submitting the research proposal for the Seed money for the academic year 2023-2024. After a thorough analysis of the proposal, the Research Advisory Committee has recommended your proposal entitled, "Spectral Investigation and Quantum Chemical Insights of Certain Sulfonyl Urea Herbicides and their Impact on Microorganisms" for the Seed money of Rs. 20,000/-. The date of sanctioning the Seed money will be the commencement date of the project. The first installment of the Seed money of Rs.7500/- for the proposed Research work will be released in the month of November 2023.

Sincerely,

Principal  
**PRINCIPAL**  
**Holy Cross College**  
(Autonomous)  
Nagercoil - 629 004.



**Crossian Centre for Research and Development**  
**Holy Cross College (Autonomous), Nagercoil**  
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Website: [www.holycrossngl.edu.in](http://www.holycrossngl.edu.in)

Date: 02.11.2023

From

The Principal  
Holy Cross College (Autonomous)  
Nagercoil-629004

To

Dr. P. Aji Udhaya (PI)  
Assistant Professor of Physics  
Holy Cross College (Autonomous)  
Nagercoil - 629004

Dear Madam,

Sub: Selection and Sanction of Seed money for the year 2023-2024 – reg.  
Ref. No: CRSMS/ Faculty/Call for proposals-Sanction letter/2023-'24

Greetings!

The management appreciates and congratulates your effort in submitting the research proposal for the Seed money for the academic year 2023-2024. After a thorough analysis of the proposal, the Research Advisory Committee has recommended your proposal entitled, "Utilizing Eco-Friendly Metal Oxide Nanoparticles as Highly Efficient Catalyst for Rocket Fuel Thermal Decomposition" for the Seed money of Rs. 20,000/-. The date of sanctioning the Seed money will be the commencement date of the project. The first installment of the Seed money of Rs.7500/- for the proposed Research work will be released in the month of November 2023.

Sincerely,

Principal  
**Holy Cross College**  
**(Autonomous)**  
**Nagercoil - 629 004.**



**Crossian Centre for Research and Development**  
**Holy Cross College (Autonomous), Nagercoil**  
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Website: [www.holycrossngl.edu.in](http://www.holycrossngl.edu.in)

Date: 02.11.2023

From

The Principal  
Holy Cross College  
(Autonomous)  
Nagercoil - 629004

To

Dr. J. Vinoliya Josephine Mary (PI)  
Assistant Professor of Zoology  
Holy Cross College (Autonomous)  
Nagercoil - 629004

Dear Madam,

Sub: Selection and Sanction of Seed money for the year 2023-2024 – reg.

Ref. No: CRSMS/ Faculty/Call for proposals-Sanction letter/2023-'24

Greetings!

The management appreciates and congratulates your effort in submitting the research proposal for the Seed money for the academic year 2023-2024. After a thorough analysis of the proposal, the Research Advisory Committee has recommended your proposal entitled, "Efficacy of *Quisqualis indica* and *Bougainvillea* flower extracts on fish pathogens and as colour enhancer in ornamental fishes" for the Seed money of Rs. 20,000/-. The date of sanctioning the Seed money will be the commencement date of the project. The first installment of the Seed money of Rs. 7500/- for the proposed Research work will be released in the month of November 2023.

Sincerely,

Principal  
**Holy Cross College**  
(Autonomous)  
Nagercoil - 629 004.



**Crossian Centre for Research and Development**  
**Holy Cross College (Autonomous), Nagercoil**  
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Website: [www.holycrossngl.edu.in](http://www.holycrossngl.edu.in)

Date: 02.11.2023

From

The Principal  
Holy Cross College (Autonomous)  
Nagercoil-629004

To

Dr. C. Anitha (PI)  
Assistant Professor of Zoology  
Holy Cross College (Autonomous) Nagercoil - 629004

Dear Madam,

Sub: Selection and Sanction of Seed money for the year 2023-2024 – reg.  
Ref. No: CRSMS/ Faculty/Call for proposals-Sanction letter/2023-'24

Greetings!

The management appreciates and congratulates your effort in submitting the research proposal for the Seed money for the academic year 2023-2024. After a thorough analysis of the proposal, the Research Advisory Committee has recommended your proposal entitled, "Biomedical potential of green synthesized silver nanoparticles from the endocarp of Palmyra palm, *Borassus flabellifer*" for the Seed money of Rs. 20,000/- . The date of sanctioning the Seed money will be the commencement date of the project. The first installment of the Seed money of Rs.7500/- for the proposed Research work will be released in the month of November 2023.

Sincerely,

Principal

**PRINCIPAL**

**Holy Cross College**  
(Autonomous)  
Nagercoil - 629 004.

2022-2023

**CROSSIAN RESEARCH FORUM**

**HOLY CROSS COLLEGE (Autonomous), Nagercoil**

**Crossian Research Seed Money Scheme (CRSMS)**

**Ref No. CRF/2022-2023 Date: 05.09.2022**

**Call for Crossian Research Seed Money Scheme (CRSMS)**

Crossian Research Forum invites proposals for Crossian Research Seed Money for the academic year 2022 – 2023. It is open to the entire faculty (both aided/SF) as per the eligibility criterion given under research policy of our College. The format for CRSMS has been communicated through the faculty WhatsApp group. Interested faculty is asked to submit the duly filled in format on or before 7<sup>th</sup> October, 2022. The soft copy of the proposal can be sent through the mail [hccresearch@holycrossngl.edu.in](mailto:hccresearch@holycrossngl.edu.in). The hard copy of the proposal should be submitted to the Crossian Research Forum within the stipulated time.

*S. Mary Mathilda, BSc*

**Dean of Research,  
Holy Cross College (Autonomous)  
Nagercoil - 629004.**



CROSSIAN RESEARCH FOURM  
HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL  
SELECTION AND SANCTION ORDER FOR SEED MONEY

**From**

Research Advisory Committee  
Holy Cross College (Autonomous),  
Nagercoil-629004

**To**

The Principal  
Holy Cross College (Autonomous),  
Nagercoil-629004

**Respected and Reverend Sister,**

**Sub:** Selection and sanction of Seed money for the year 2022-23.

The review meeting of the research proposal for the Seed money for the academic year 2022-23 was held on 28.10.2022. There were eleven proposals (arts 1; collaborative biological & physical sciences 1; biological sciences 1; physical sciences 8) submitted by the faculty members. After a thorough analysis of the proposal, the Research Advisory Committee has recommended the following six proposals for the Seed money of Rs. 10,000/- each.

1. CRF-1/22-10 - Dr. F. Brisca Renuga and Sr. Francy. Formulation and evaluation of natural hair colourants.
2. CRF-2/22-10 – Dr. A. Punitha, Optimization of pH, temperature for an ornamental fish cell line.
3. CRF-3/22-10 - Dr. S. Vimal Doli and Dr. A. Samcema. A study on health care expenditure of tribal people in Pechiparai District.
4. CRF-4/22-10 – Dr. Christabel Shaji, Y. and Dr. S. Ajith Sindhuja. Metal organic framework for catalytic application.
5. CRF-6/22-10 - Dr. S. Lizy Roselet and Dr. M. Sherty Treasa. Phytochemical analysis and antioxidant activity of extracts of different parts of *Achranthus apera* L.
6. CRF-10/22-10 - Dr. R. Krishna Priya. Biodegradable composites using *Butea parviflora*.

Thanking you,

Place: Nagercoil  
Date: 26.10.2022

Yours Sincerely,

  
Coordinator

Research Advisory Committee

  
PRINCIPAL  
Holy Cross College  
(Autonomous)  
Nagercoil - 629 004.



NAAC V Cycle Self Study Report (SSR)

CROSSIAN RESEARCH FORUM  
HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL  
SANCTION ORDER FOR SEED MONEY

From

The Principal  
Holy Cross College (Autonomous)  
Nagercoil-629004

To

Dr. R. Krishna Priya. (PI)  
Assistant Professor of Physics  
Holy Cross College (Autonomous)  
Nagercoil-629004

Dear Madam,

Sub: Selection and sanction of Seed money for the year 2022-2023.

No: CRF-10/22-11 dated 28.10.2022

Greetings. The management appreciates and congratulates your effort in submitting the research proposal for the Seed money for the academic year 2022-2023. After a thorough analysis of the proposal, the Research Advisory Committee has recommended your proposal entitled, "Biodegradable composites using *Butea parviflora* fiber for Automotive Applications" for the Seed money of Rs. 10,000/-. The date of sanctioning the Seed money will be the commencement date of the project. The first installment of the Seed money of Rs.7500/- for the proposed Research work will be released in the month of November 2022.

Place: Nagercoil

Date: 02.11.2022

Sincerely,

Principal

**PRINCIPAL**  
**Holy Cross College**  
**(AUTONOMOUS)**  
**Nagercoil - 629 004**



NAAC V Cycle Self Study Report (SSR)

CROSSIAN RESEARCH FORUM  
HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL  
SANCTION ORDER FOR SEED MONEY

From

The Principal  
Holy Cross College (Autonomous)  
Nagercoil-629004

To

Dr. Y. Christabel Shaji (PI)  
Assistant Professor of Chemistry  
Holy Cross College (Autonomous)  
Nagercoil-629004

Dear Madam,

Sub: Selection and sanction of Seed money for the year 2022-2023.

Ref. No: CRF-4/22-11 dated 28.10.2022

Greetings. The management appreciates and congratulates your effort in submitting the research proposal for the Seed money for the academic year 2022-2023. After a thorough analysis of the proposal, the Research Advisory Committee has recommended your proposal entitled, "Metal organic framework for catalytic application" for the Seed money of Rs. 10,000/-. The date of sanctioning the Seed money will be the commencement date of the project. The first installment of the Seed money of Rs.7500/- for the proposed Research work will be released in the month of November 2022.

Place: Nagercoil

Date: 02.11.2022

Sincerely,



Principal

**PRINCIPAL**  
Holy Cross College  
(AUTONOMOUS)  
Nagercoil - 629004



**CROSSIAN RESEARCH FOURM**  
**HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL**  
**SANCTION ORDER FOR SEED MONEY**

No: CRF-6/22-10 dated 28.10.2022

From

The Principal  
Holy Cross College (Autonomous),  
Nagercoil-629004

To

Dr. S. Lizy Roselet (PI)  
Assistant Professor of Chemistry (SF)  
Holy Cross College (Autonomous),  
Nagercoil-629004

Sub: Selection and sanction of Seed money for the year 2022-23.

Madam,

Greetings. The management appreciate and congratulate your effort in submitting the research proposal for the Seed money for the academic year 2022-23. After a thorough analysis of the proposal, the Research Advisory Committee has recommended your proposal entitled, "Phytochemical analysis and antioxidant activity of extracts of different parts of *Achyrocline satureioides* L." for the Seed money of Rs. 10,000/-. The date of sanctioning the Seed money will be the commencement date of the project. The first instalment of the Seed money of Rs.7500/- for the proposed Research work will be released in the month of November 2022.

Place: Nagercoil

Date: 02.11.2022

Sincerely,



Principal  
**PRINCIPAL**  
**Holy Cross College**  
**(Autonomous)**  
**Nagercoil - 629 004.**



## NAAC V Cycle Self Study Report (SSR)

### CROSSIAN RESEARCH FORUM

### HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL

### SANCTION ORDER FOR SEED MONEY

From

The Principal  
Holy Cross College (Autonomous)  
Nagercoil-629004

To

Dr. F. Brisca Renuga (PI)  
Associate Professor of Zoology  
Holy Cross College (Autonomous)  
Nagercoil-629004

Dear Madam,

Sub: Selection and sanction of Seed money for the year 2022-2023.

Ref. No: CRF-1/22-11 dated 28.10.2022

Greetings. The management appreciates and congratulates your effort in submitting the research proposal for the Seed money for the academic year 2022-2023. After a thorough analysis of the proposal, the Research Advisory Committee has recommended your proposal entitled, "Formulation and evaluation of natural hair colourants" for the Seed money of Rs. 10,000/- . The date of sanctioning the Seed money will be the commencement date of the project. The first installment of the Seed money of Rs.7500/- for the proposed Research work will be released in the month of November 2022.

Place: Nagercoil

Date: 02.11.2022

Sincerely,



Principal

**PRINCIPAL**  
Holy Cross College  
(AUTONOMOUS)  
Nagercoil - 629 004



## NAAC V Cycle Self Study Report (SSR)

### CROSSIAN RESEARCH FORUM

HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL

SANCTION ORDER FOR SEED MONEY

From

The Principal  
Holy Cross College (Autonomous)  
Nagercoil-629004

To

Dr. A. Punitha (PI)  
Assistant Professor of Zoology  
Holy Cross College (Autonomous)  
Nagercoil-629004

Dear Madam,

Sub: Selection and sanction of Seed money for the year 2022-2023.

Ref. No: CRF-2/22-11 dated 28.10.2022

Greetings. The management appreciates and congratulates your effort in submitting the research proposal for the Seed money for the academic year 2022-2023. After a thorough analysis of the proposal, the Research Advisory Committee has recommended your proposal entitled, "Optimization of pH and temperature for an ornamental fish cell line" for the Seed money of Rs. 10,000/-. The date of sanctioning the Seed money will be the commencement date of the project. The first installment of the Seed money of Rs.7500/- for the proposed Research work will be released in the month of November 2022.

Place: Nagercoil

Date: 02.11.2022

Sincerely,

Principal

**PRINCIPAL**  
Holy Cross College  
(AUTONOMOUS)  
Nagercoil - 629 004



CROSSIAN RESEARCH FORUM  
HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL  
SANCTION ORDER FOR SEED MONEY

From

The Principal  
Holy Cross College (Autonomous)  
Nagercoil-629004

To

Dr. S. Vimal Dolli (PI)  
Assistant Professor of Economics  
Holy Cross College (Autonomous)  
Nagercoil-629004

Dear Madam,

Sub: Selection and sanction of Seed money for the year 2022-2023.

No: CRF-3/22-11 dated 28.10.2022

Greetings. The management appreciates and congratulates your effort in submitting the research proposal for the Seed money for the academic year 2022-2023. After a thorough analysis of the proposal, the Research Advisory Committee has recommended your proposal entitled, "A Study on Health Care Expenditure of Tribal People in Pechiparai of Kanyakumari District." for the Seed money of Rs. 10,000/-. The date of sanctioning the Seed money will be the commencement date of the project. The first installment of the Seed money of Rs.7500/- for the proposed Research work will be released in the month of November 2022.

Place: Nagercoil

Date: 02.11.2022

Sincerely,

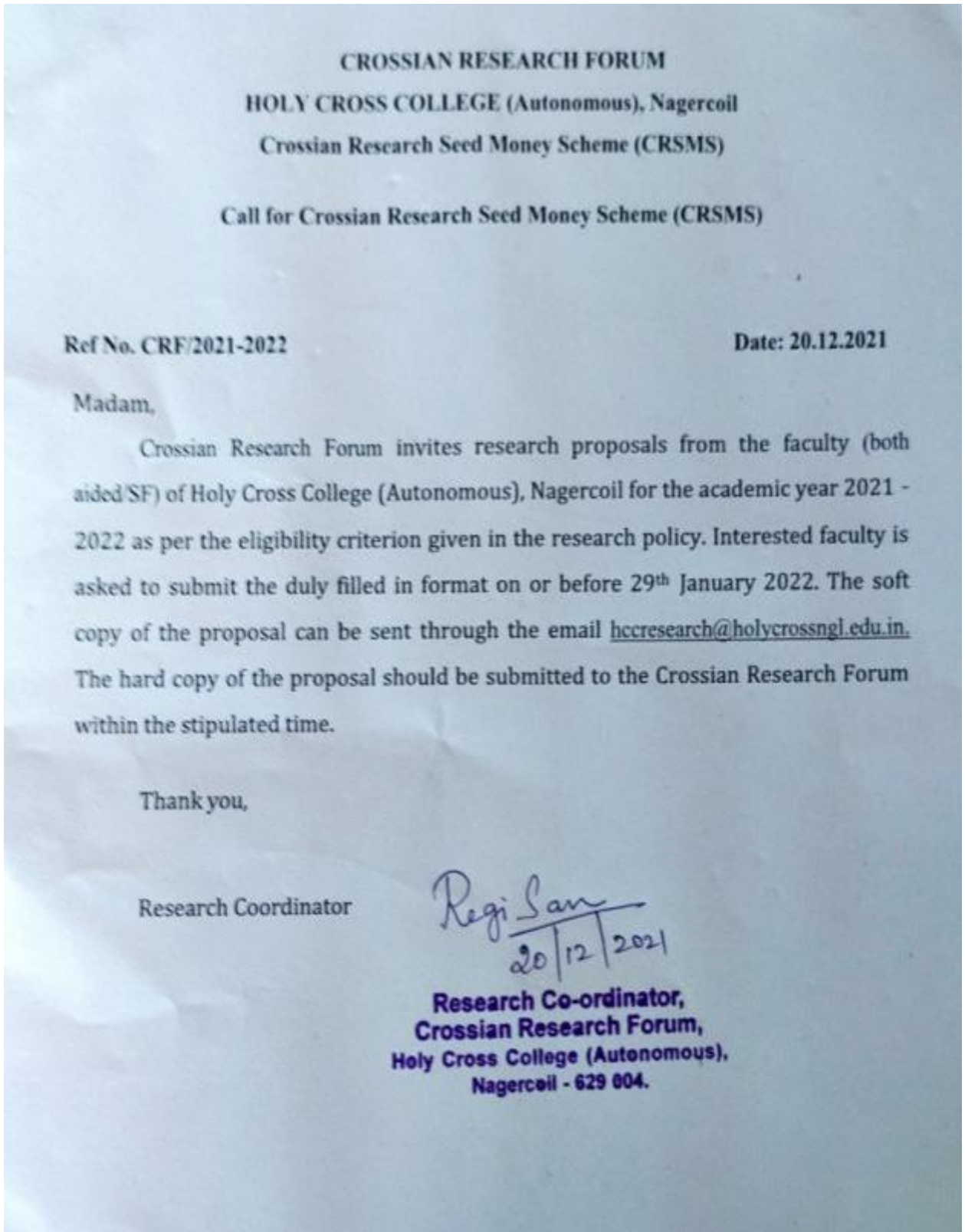


Principal

**PRINCIPAL**  
**Holy Cross College**  
**(AUTONOMOUS)**  
**Nagercoil - 629 004**



2021-2022





# NAAC V Cycle Self Study Report (SSR)

**CROSSIAN RESEARCH FOURM  
HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL  
SELECTION AND SANCTION ORDER FOR SEED MONEY**

From

Crossian Research Forum  
Holy Cross College (Autonomous),  
Nagercoil-629004

To

The Principal  
Holy Cross College (Autonomous),  
Nagercoil-629004

Respected and Reverend Sister,

Sub: Selection and sanction of Seed money for the year 2021-22.

The review meeting of the research proposal for the Seed money for the academic year 2021-22 was held on 22-02-2022. There were eight proposals submitted by the faculty members. After a thorough analysis of the proposal, the Research Advisory Committee has recommended the following four proposals for the Seed money of Rs. 10,000/- each.

1. CRF-1/21-04 - Dr. M. Abila Jeba Queen & P. Aji Udhaya – Synthesis and characterization of Rubber blended Ferrite Nano composites for Thermo-shielding Applications.
2. CRF-2/21-04 – Dr. S. Sonia & S. Virgin Jeba – Peanut shell Based Activated Carbon Electrode for Capacitive Deionization (CDI) of Desalination of Brackish water.
3. CRF-3/21-04 - Dr. S. Sebastiammal & Dr. A. Lesly Fathima – Producing Nanoparticles CF $\beta$  – Chitosan and Employemig its Biomedical Potential.
4. CRF-4/21-04 – Dr. K.S.Soumya & Dr. I. Jalaja Kumari – Life of Srilankan Refugees in the Rehabilitation Camps in Kanyakumari District with special reference to women and children.

Thanking you

Place: Nagercoil  
Date: 22.02.2022

Yours sincerely,

*Regi A*  
22/02/2022  
Research coordinator

**Research Co-ordinator,  
Crossian Research Forum,  
Holy Cross College (Autonomous),  
Nagercoil - 629 004.**



# NAAC V Cycle Self Study Report (SSR)

**CROSSIAN RESEARCH FOURM**  
**HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL**  
**SANCTION ORDER FOR SEED MONEY**

No: CRF-3/21-04 dated 22-02-2022

From

The Principal  
Holy Cross College (Autonomous),  
Nagercoil-629004

To

Dr. S. Sebastianmal(PI)  
Assistant Professor of Physics  
Holy Cross College (Autonomous),  
Nagercoil-629004

Sub: Selection and sanction of Seed money for the year 2021-22.

Madam,

Greetings. The management appreciate and congratulate your effort in submitting the research proposal for the Seed money for the academic year 2021-22. After a thorough analysis of the proposal, the Research Advisory Committee has recommended your proposal entitled **Producing Nanoparticles CF $\beta$  – Chitosan and Employing its Biomedical Potential** for the Seed money of Rs. 10,000/-. The date of sanctioning the Seed money will be the commencement date of the project. The first instalment of the Seed money of Rs.7500/- for the proposed Research work will be released in the month of March.

Place: Nagercoil

Date: 22.02.2022

Sincerely,

*S. Anilpetersyohy*  
Principal

**PRINCIPAL**  
**HOLY CROSS COLLEGE**  
**(AUTONOMOUS)**  
**NAGERCOIL - 629 004**



NAAC V Cycle Self Study Report (SSR)

**CROSSIAN RESEARCH FOURM**  
**HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL**  
**SANCTION ORDER FOR SEED MONEY**

No: CRF-2/21-04 dated 22-02-2022

From

The Principal  
Holy Cross College (Autonomous),  
Nagercoil-629004

To

Dr. S.Sonia(PI)  
Assistant Professor of Physics  
Holy Cross College (Autonomous),  
Nagercoil-629004

Sub: Selection and sanction of Seed money for the year 2021-22.

Madam,

Greetings. The management appreciate and congratulate your effort in submitting the research proposal for the Seed money for the academic year 2021-22. After a thorough analysis of the proposal, the Research Advisory Committee has recommended your proposal entitled **Peanut shell Based Activated Carbon Electrode for Capacitive Deionization (CDI) of Desalination of Brackish water** for the Seed money of Rs. 10,000/-. The date of sanctioning the Seed money will be the commencement date of the project. The first instalment of the Seed money of Rs.7500/- for the proposed Research work will be released in the month of March.

Place: Nagercoil

Date: 22.02.2022

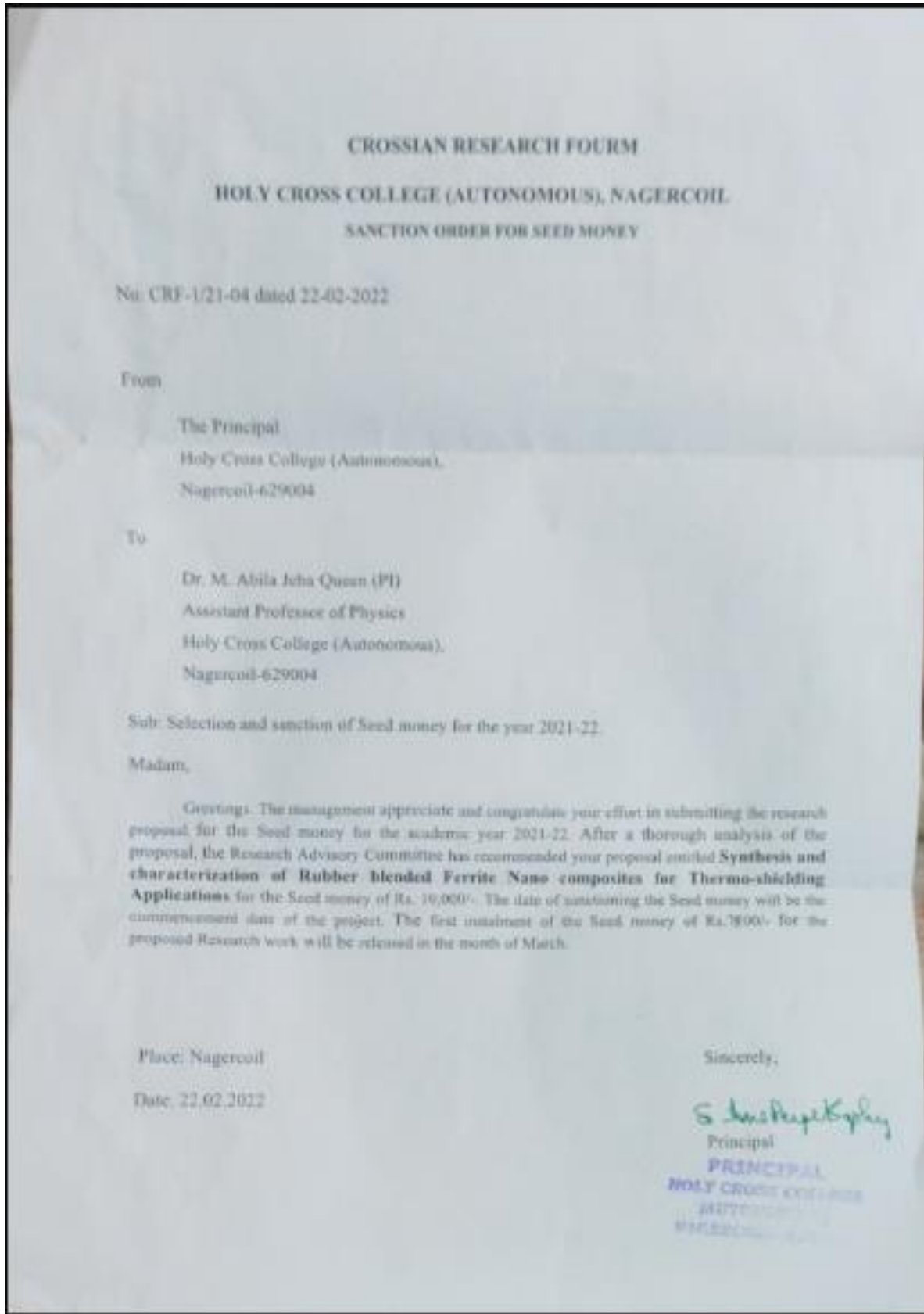
Sincerely,

*S. Anil Prakash Gopinath*  
Principal

**PRINCIPAL**  
**HOLY CROSS COLLEGE**  
**(AUTONOMOUS)**  
**NAGERCOIL - 629 004**



## NAAC V Cycle Self Study Report (SSR)



NAAC V Cycle Self Study Report (SSR)

CROSSIAN RESEARCH FOURM  
HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL.  
SANCTION ORDER FOR SEED MONEY

No: CRF-4/21-04 dated 22-02-2022

From

The Principal  
Holy Cross College (Autonomous),  
Nagercoil-629004

To

Dr. K. S. Soumya (PI)  
Assistant Professor of History  
Holy Cross College (Autonomous),  
Nagercoil-629004

Sub: Selection and sanction of Seed money for the year 2021-22.

Madam,

Greetings. The management appreciate and congratulate your effort in submitting the research proposal for the Seed money for the academic year 2021-22. After a thorough analysis of the proposal, the Research Advisory Committee has recommended your proposal entitled **Life of Srilankan Refugees in the Rehabilitation Camps in Kanyakumari District with special reference to women and children** for the Seed money of Rs. 10,000/-. The date of sanctioning the Seed money will be the commencement date of the project. The first instalment of the Seed money of Rs. 7500/- for the proposed Research work will be released in the month of March.

Place: Nagercoil

Date: 22.02.2022

Sincerely,

*S. Anoop et al*  
Principal

**PRINCIPAL**  
**HOLY CROSS COLLEGE**  
**(AUTONOMOUS)**  
**NAGERCOIL - 629 004**

