

#### Organizing Secretaries

#### Dr. J. Vinoliya Josephine Mary

Assistant Professor, Department of Zoology, Holy Cross College, Nagercoil.

#### Dr. S. Prakash Shoba,

Assistant Professor, Department of Zoology, Holy Cross College, Nagercoil.

#### Mrs. C. Shanthini,

Programme Officer, FIRST Trust, Nagercoil, Tamil Nadu, India.

#### Organizing Committee members

Dr. F. Brisca Renuga, Associate Professor

Dr. A. Shyla Suganthi, Assistant Professor

Dr. P. T. Arokya Glory, Assistant Professor

Dr. Jeni Chandar Padua, Assistant Professor

Dr. C. Josephine Priyatharshini, Assistant Professor

Dr. A. Punitha, Assistant Professor

Dr. X. Venci Candida, Assistant Professor

#### Invited Speakers

Dr. Sreeramanan, School of Biological Sciences, Universiti Sains, Malaysia.

**Topic: Plant Biotechnology: The Challenges and Opportunities.**

Dr. ONG Ming Thong, Universiti Sains, Malaysia.

**Topic: WIF-1-a molecular Janus?**

Prof. K. Marimuthu, Department of Biotechnology, AIMST University, Malaysia.

**Topic: Application of Herbal Immunomodulators in Aquaculture.**

Dr. P. Velusamy, Department of Biotechnology, SRM

University, Chennai, Tamil Nadu, India.

**Topic: Development of Dual-Responsive Biopolymer in the Design of Smart Nano-Drug Delivery towards Infectious Diseases.**

Dr. S. Karthikeyan, School of Biosciences and Technology, Vellore Institute of Technology Vellore, Tamil Nadu, India.

**Topic: Biology and Future of Industrial Development.**

Dr. C. Ravi, Department of Zoology and Microbiology, Thiagarajar College (Autonomous), Madurai, Tamil Nadu, India.

**Topic: Biodegradation of Chicken feather.**

Dr. Sr. M. R. Basil Rose, Principal (Rtd), Department of Zoology, Holy Cross College, Nagercoil.

**Topic: Lectin- A Versatile Tool for Biomedical Research.**

**Topic: Lectin- A Versatile Tool for Biomedical Research.**

#### International and International Advisory members

Dr. Saengchan Senapin, Faculty of Science, Mahidol University, Thailand.

Dr. Chumporn Soowannayan, National Center for Genetic Engineering and Biotechnology, Thailand.

Dr. P. C. Liu, National Pingtung University for Science and Technology, Taiwan.

Prof. Akeen Tan Shu Hwai, Centre for Marine and Coastal Studies, Malaysia.

Dr. Filippo Maggi, School of Pharmacy, Pharmaceutical Botany and Pharmacognosy Unit, University of Camerino, Italy.

Dr. Hanem Khater, Department of Parasitology, Benha

Dr. Giovanni Benelli, Department of Agriculture, Food and Environment, University of Pisa, Italy.

Dr. M. Govindarajan, Department of Zoology, Annamalai University, Chidambaram, Tamil Nadu, India

Dr. M. Govindarajan, Department of Zoology, Annamalai University, Chidambaram, Tamil Nadu, India

#### Address for Communication

The Organizing Secretaries

International Conference on "Recent Advancement of Biomolecule Inventions"

Department of Zoology, Holy Cross College (Autonomous) Nagercoil, Tamil Nadu, India

Mobile: 9940772468, 9487185082, 7339224257

Email: vinoliya75@gmail.com, Prakash.shoba06@gmail.com, firststrustorg@gmail.com

#### Registration Form

### International Conference on "Recent Advancement of Biomolecule Inventions"

26th and 27th July, 2019

Name : Mr/Ms/Dr. \_\_\_\_\_

Designation : Scientist/ Faculty / Scholar / Student

Institution : \_\_\_\_\_

Address : \_\_\_\_\_

\_\_\_\_\_

Contact No : \_\_\_\_\_

E-mail : \_\_\_\_\_

Registration fee of Rs. \_\_\_\_\_/-

(Payment Reference No. \_\_\_\_\_)

Paid details \_\_\_\_\_ is enclosed)

Whether Presenting Paper: Yes / No

If yes, Title : \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

Signature

Please send the filled in registration form to organizing secretaries

• Photocopy of the registration form can also be used.

• No TA, DA and Accommodation will be provided to the participants.

## 1<sup>st</sup> International Conference on "Recent Advancement of Biomolecule Inventions" - (RABI'19)



Organized by

**Department of Zoology**

**Holy Cross College (Autonomous)**

Affiliated to Manonmaniam Sundaranar University

Re-accredited with 'A' Grade (CGPA 3.34) by NAAC

Nagercoil, Tamil Nadu, India.

In collaboration with



**Foundation for Innovative Research in Science and Technology**

(FIRST Trust)

Nagercoil, Tamil Nadu, India

**On 26<sup>th</sup> and 27<sup>th</sup> July, 2019**

#### Venue

**Multipurpose Hall**

**Holy Cross College (Autonomous)**

**Nagercoil - 629004, Tamil Nadu, India**

#### About the College

Holy Cross College, Nagercoil the first Women's College in Kanyakumari District administered by the Congregation of the Sisters of the Cross of Chavanad was established in 1965 and raised to an autonomous status in 2007-2008. The College stands for total liberation and development of the students in order to prepare them to take their rightful place and responsibility in the society. It offers 15UG., 12 PG., 4 M.Phil. and 9 Ph.D. programs. Holy Cross College is known for its unique discipline and academic excellence.

#### Department of Zoology

The Department of Zoology is a renowned centre for learning, research and extension activities. The Department of Zoology established in 1966 was raised to a P.G Department in 1979, Research Department in the year 2000 and became full-fledged with the introduction of M.Phil. in 2009. An UGC sponsored 'UG vocational Sericulture' and innovative 'M. Sc. Biomedical Sciences' Program was established in 1999 and 2006 respectively. The department has a well-equipped DST - FIST sponsored laboratory. It has taken a lead role in educating young girls from the economically and socially disadvantaged sectors and empowering them to become academicians, scientists and entrepreneurs. The thrust areas of research are Immunology, Crustacean Physiology, Endocrinology, Integrated Pest Management, Radiation Biology, Environmental Biology and Molecular Taxonomy. The main objective of the department is to promote academic skills, research aptitude and societal commitment.

#### About FIRST Trust

The First Trust is a research organization that advances in sciences and humanities for public use. Our organization is a registered NGO in India, working on special projects and social support to the under privileged community to protect them and empower them to be self-sufficient in the future. Our First Trust NGO also provides scientific research, health education, rural employment generation, environmental conservation etc to the community who reside in rural area. In addition, we support researchers from under represented areas, weaker and marginalized segment of the society to bring out their innovates. We have been carrying out various programs designed meticulously after careful analysis of various socio-economic problems for sustainable development of the community.

#### About the conference

This conference aims to bring together Academicians, Scientists, Research scholars and students to share and disseminate information on knowledge and scientific research works related to above topics and confers the practical challenges encountered and the solutions adapted. The conference will create a path to establish a research relation for the authors and listeners with opportunities for National and International collaboration and networking among the Universities and Institutions from India and abroad for promoting research and developing technologies. It brings about the knowledge on product development and commercialization which involves refinement and fine - tuning of product prototypes to address specific market demands as well as demonstration projects. This conference educates to evaluate the usefulness of a product and learn how it might be used in their applications.

#### Thrust areas

- ◆ Agriculture, Fisheries and Food
- ◆ Entomology
- ◆ Biochemistry
- ◆ Immunology
- ◆ Toxicology
- ◆ Nanotechnology
- ◆ Mycology
- ◆ Microbiology
- ◆ Anatomy and Morphology
- ◆ Behavioural Sciences
- ◆ Parasitology
- ◆ Biotechnology
- ◆ Plant Sciences
- ◆ Virology
- ◆ Pharmacology
- ◆ Genetics
- ◆ Zoology
- ◆ Veterinary Sciences

#### Submission of Abstracts

Extended abstracts with introduction of the topic, area of the study, methods followed, key results and conclusion along with key words limited to 300 words and typed using MS-Word, Times New Roman with font size 12 to be sent to the Organizing Secretaries through e-mail on or before the last date mentioned below. The theme under which it has to be listed for presentation and discussion needs to be indicated. The oral presentation shall be presented in a power point presentation mode (PPT) for 5 min and 1 min discussion (Total 6 min).

Poster Presentation shall be prepared as the poster mode of presentation (Size of Poster: 3Feet (Height) X 2Feet (Width)). Kindly avoid flex posters.

#### Awards

To encourage bright young researchers in the field of life sciences, a committee of academicians and scientist experts

would judge the papers and decide on the awards. In order to identify outstanding work by the participants, the Best Presentation Award will be given for an excellent presentation of the conference RABI'19. Two papers will be selected for the best oral / poster award.

#### IMPORTANT DATES:

Due date for the submission of Abstract and full length paper : 15.7.2019  
Notification of Acceptance : 22.7.2019

#### Registration Fees

Scientists and Faculty	: Rs. 750/-
Research scholars	: Rs. 500/-
Students	: Rs. 300/-
International participants	: \$ 100/-

Delegates are requested to send their registration fee through money transfer by IMPS/ NEFT/RTGS to the below account

Account holder Name : Foundation for Innovative Research in Science and Technology Trust

Bank Name : Indian Overseas Bank

Account No : 13440200000979

IFSC : IOBA0001344

Those who present papers should pay an additional of Rs 100/- per presentations.

#### Spot Registration

You may directly come to the registration counter at the conference venue and register yourself with cash and collect your conference kit and the badge to participate in the conference.

#### Organizing Committee

##### Patron

**Dr. Sr. Gerardin Jayam**

Secretary, Holy Cross College (Autonomous), Nagercoil.

##### Chairperson

**Dr. Sr. Anne Perpet Sophy**

Principal, Holy Cross College (Autonomous), Nagercoil.

##### Convener

**Dr. S. Mary Mettilda Bai**

Head, Department of Zoology, Holy Cross College (Autonomous), Nagercoil, Tamil Nadu, India

##### Co-Convener

**Mrs. S. Sudha**

Managing Trustee, FIRST Trust, Nagercoil, Tamil Nadu, India

**INTERNATIONAL CONFERENCE ON RECENT ADVANCEMENT OF  
BIOMOLECULES INVENTIONS-RABI 2019**

**LIST OF PARTICIPANTS ON RABI II-2020**

<b>Sl. No</b>	<b>Name of the Participants</b>	<b>College / University</b>
1.	D. ADLIN	Holy Cross College
2.	J.AGNEL	Holy Cross College
3.	S.K. AJOLA JESI	Holy Cross College
4.	A.R. ALAKSHA	Holy Cross College
5.	S. ANANTHA LAKSHMI	Holy Cross College
6.	R. ANISHA	Holy Cross College
7.	B. AROCKIYA SHERIL	Holy Cross College
8.	A.ASHFINA	Holy Cross College
9.	G.S. ASHMI JOSE	Holy Cross College
10.	S.ASMITHA	Holy Cross College
11.	R.AZEENA BEEVI	Holy Cross College
12.	S. BHAHIMA MURAUZITHA	Holy Cross College
13.	C. BHUVANESHWARI	Holy Cross College
14.	Sr. CATHRINE YUDITH	Holy Cross College
15.	J. GNANA JOENSI	Holy Cross College
16.	E. DENNO	Holy Cross College
17.	L. ESTHER ABIKA	Holy Cross College
18.	E. GNANA SOUNTHARI RESHMA	Holy Cross College
19.	J. JENCY SOBIYA	Holy Cross College
20.	JENIFER	Holy Cross College
21.	A. JOSE JANU	Holy Cross College
22.	S. PISON	Holy Cross College
23.	J. PRATHISHA	Holy Cross College
24.	S. PRATHISHA	Holy Cross College
25.	S. PREETHI	Holy Cross College
26.	T.R.K. PRIYA DHARSHINI	Holy Cross College
27.	V.S RESHMA	Holy Cross College
28.	P. RENEEFA	Holy Cross College
29.	R. RESEBHA	Holy Cross College
30.	R. RESHMA	Holy Cross College
31.	S. ROSARI JENIFER	Holy Cross College
32.	K. RUBISHA	Holy Cross College
33.	S. SAHAYA JASMINE NILANI	Holy Cross College
34.	M. SHALINI	Holy Cross College

35.	P. SHELMIYA	Holy Cross College
36.	M. SIVAPRIYA	Holy Cross College
37.	S.M. SONA	Holy Cross College
38.	R.S. SOWMIYA	Holy Cross College
39.	P.SUGIRTHA	Holy Cross College
40.	A.ARUL DEEPIKA	Holy Cross College
41.	C.K. PEARLIN SUSHMA	Holy Cross College
42.	R. ABIRAMI	Holy Cross College
43.	S.M. ABISHA	Holy Cross College
44.	I.ABITHA	Holy Cross College
45.	S.ANISHA	Holy Cross College
46.	V.M.ANISHA	Holy Cross College
47.	T.ANSALIN SAMITHA	Holy Cross College
48.	J.AROKIA SHAMI	Holy Cross College
49.	G.ASHIGA	Holy Cross College
50.	K.BABINA	Holy Cross College
51.	J.A.BABISHA	Holy Cross College
52.	B.BINDHU DAFINI	Holy Cross College
53.	S.CATHIRINE NIBISHA	Holy Cross College
54.	D. DIMCY MERLIN DICTIAN	Holy Cross College
55.	M.DIVYA	Holy Cross College
56.	K.ENBA SELVAM	Holy Cross College
57.	G.S.GEOSHINI	Holy Cross College
58.	N.HARISHMA	Holy Cross College
59.	R,JENCY	Holy Cross College
60.	A.KASHMEERA HARANI	Holy Cross College
61.	P.MARIA JELCY	Holy Cross College
62.	S.MARY SHIMONI BEROUS	Holy Cross College
63.	K.PAVITHRA	Holy Cross College
64.	B.K.PRIYA	Holy Cross College
65.	A.RESHMA	Holy Cross College
66.	A.SHERIN	Holy Cross College
67.	M.SONALI	Holy Cross College
68.	E.SUSHMA	Holy Cross College
69.	S.SWATHY	Holy Cross College
70.	R.VASANTHI	Holy Cross College
71.	A.ABISHA	Holy Cross College
72.	S.ANTONY LIVINGDA	Holy Cross College
73.	A.ANTO NISHA	Holy Cross College
74.	S.ANUSHA	Holy Cross College
75.	S.ANUSHYA	Holy Cross College
76.	E. ASBITH RASHIKA	Holy Cross College
77.	D.ASHA	Holy Cross College
78.	K.P.ASWATHY GOPIKA	Holy Cross College
79.	M.F.AYESHA SITHIKA	Holy Cross College

80.	D.G.BERLISHA	Holy Cross College
81.	L.CEVI	Holy Cross College
82.	R.DIVYA	Holy Cross College
83.	J.JELIN BEAULA	Holy Cross College
84.	J.JENOLA JOTHI	Holy Cross College
85.	J.JOBIN REENA	Holy Cross College
86.	J.KARTHIKA	Holy Cross College
87.	S.KAWASNE SATHURA	Holy Cross College
88.	A.MARY KAJOLIN	Holy Cross College
89.	Sr.MARY HAI ROSE	Holy Cross College
90.	S.MERGIN NISHA	Holy Cross College
91.	P.S.MOHAMMAD AFRA	Holy Cross College
92.	A.NIBISHA	Holy Cross College
93.	M.S.NISHA	Holy Cross College
94.	Sr. M.PREMALATHA	Holy Cross College
95.	S.SAHAYA RESHMA NISONY	Holy Cross College
96.	M.SERINE MICHAEL	Holy Cross College
97.	S.SINTHU	Holy Cross College
98.	S.SITHIKA	Holy Cross College
99.	K.S.SONY	Holy Cross College
100.	S.SUBA	Holy Cross College
101.	K.SUJI	Holy Cross College
102.	M.THARSINI	Holy Cross College
103.	R.TONY LESLINE	Holy Cross College
104.	T.B.VARSHA	Holy Cross College
105.	R.AJANTHA	Holy Cross College
106.	S.ANISHA	Holy Cross College
107.	L.ASHA	Holy Cross College
108.	J.ASHIBA SHIBANI	Holy Cross College
109.	A.DERFI MONISHA	Holy Cross College
110.	R.DHARSHINI	Holy Cross College
111.	J.EVELYN PRISCILLA	Holy Cross College
112.	J.FATHIMA RAZIYA	Holy Cross College
113.	S.ISWARYA	Holy Cross College
114.	J.JERSHIKA	Holy Cross College
115.	Sr.A.JOHN GRACY	Holy Cross College
116.	M.MERGIN SUMI	Holy Cross College
117.	S.MUTHU SELVI	Holy Cross College
118.	S.NAGESHWARY	Holy Cross College
119.	P.PRIYA	Holy Cross College
120.	ROSALIA AM LINET	Holy Cross College
121.	J.SAHAYA SUJI PRINCY	Holy Cross College
122.	J.SAHAYA SURJI	Holy Cross College
123.	M.SINDHU	Holy Cross College
124.	J.VINNI SHAMINI	Holy Cross College

125.	G.RADHIKA	Holy Cross College
126.	T.A.ANGEL MARY	Holy Cross College
127.	A.ARUL DEEPA	Holy Cross College
128.	R.ASWINI	Holy Cross College
129.	E.JOSE ABISHA	Holy Cross College
130.	S.K.LYALATHUL ASEENA	Holy Cross College
131.	J.MONISHA MARY	Holy Cross College
132.	J. PRAMILA NANCY	Holy Cross College
133.	R.PRASEETHA	Holy Cross College
134.	R.RAJESHWARI	Holy Cross College
135.	S.PREETHI	Holy Cross College
136.	VIJAYAKUMARI	Holy Cross College
137.	A.R.FLARENCE	Holy Cross College
138.	G.JERLIN DELETTA	Holy Cross College
139.	Sr.ANTONY RINCY	Holy Cross College
140.	N.BENIT	Holy Cross College
141.	J.CELIN PAPPA RANI	Holy Cross College
142.	Sr.CLARA JENIFER	Holy Cross College
143.	L.DYONA	Holy Cross College
144.	J.ALBINO WINS	Holy Cross College
145.	S.BRICILLA MARIA	Holy Cross College
146.	M.MINI FELICIA	Holy Cross College
147.	S.ANI BESANT	Holy Cross College
148.	V.CATHERINE SHEEJA	Holy Cross College
149.	G.JANCY RANI	Holy Cross College
150.	B.V.VIBALA	Nooral Islam cente for Higher Education
151.	M.ANITHA VANI	Centre for Marine Science and Technology
152.	BEBINA.R. CLEETUS	Holy Cross College
153.	A.ISWARYA	Alagappa University
154.	M.ANJUGAM	Alagappa University
155.	R.ISWARYA	Alagappa University
156.	S.JEYANTHI	Alagappa University
157.	N.GOPI	Alagappa University
158.	M.ABHINAYA	Alagappa University
159.	M.DIVYA	Alagappa University
160.	M.YAZHINI PRABHA	Alagappa University
161.	V.VINOTHA	Alagappa University
162.	D.KARTHICK RAJAN	Alagappa University
163.	A.M SIBIYA	Alagappa University
164.	J.ANGEL LINCY	S.T.Hindu college
165.	M.SHYNI	Centre for Marine Science and Technology
166.	J.L.LEKSHMI	S.T.Hindu college
167.	M.DEVIKA	S.T.Hindu college
168.	R.PARVATHY CHANDREN	Noorul Islam University
169.	K.A.AMBIKA	Mariagiri college

170.	J.RAJASELVAM	Holy Cross college
171.	G.SIVARANJANI	Manonmaniam SundaranarUniversity
172.	R.S.PRIYENGHA	Manonmaniam SundaranarUniversity
173.	T.ELAYABHARATHI	Holy Cross college
174.	DIVYA S.RAJ	Manonmaniam SundaranarUniversity
175.	R.C.RAMYA	Manonmaniam SundaranarUniversity
176.	M.MUTHULAKSHMI	Manonmaniam SundaranarUniversity
177.	S.AKHIL KUMAR	Manonmaniam SundaranarUniversity
178.	J.SUBBULAKSHMI	V.O.C. College
179.	S.SUJI	Scott Christian college
180.	J.LELIN SOBIAL	Scott Christian college
181.	A.BENCY	Scott Christian college
182.	A.R.SHYNI	Scott Christian college
183.	ANTILIN SALOMI	St. Xavier college,Palayamkottai
184.	V.SELVA KUMAR	Kamaraj College
185.	T.G.TEENI JANET RAJ	Holy Cross college
186.	T.G.TYNI JOICE RAJ	Holy Cross college
187.	N.LATHA	Holy Cross college
188.	F.VARGILA	Holy Cross college
189.	J.P.JESPA	Holy Cross college
190.	M.J.JENISHA	Holy Cross college
191.	P.C.JEBA PREETHI JANSI	Holy Cross college
192.	R.REGIS FREEDA	Holy Cross college
193.	R.K.RATHIKA	Holy Cross college
194.	J.ANTILDA	Holy Cross college
195.	NIGHTANGLE SHEEBA	Holy Cross college