

Registration Fee

Category	Participation Only (Inclusive of all taxes)	Participation & Online Publication (Inclusive of all taxes)
Postgraduate Students	Rs. 500/-	Rs.1350/-
Full time Research Scholars	Rs. 600/-	Rs.1450/-
Academicians, Professionals, Part-time research scholars	Rs. 800/-	Rs.1650/-

The registration fee and publication fee are to be paid via demand draft in favour of **"The Principal, Kristu Jayanti College, Bangalore"** payable at Bangalore.

Registration fee includes conference kit, lunch and refreshments.

Letter or ID card from the institution should be presented at the time of registration.

Accommodation can be provided on prior request. For details, contact the conference convener.

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Kristu Jayanti College

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DEPARTMENT OF LIFE SCIENCES



NATIONAL CONFERENCE ON BIOCHEMISTRY-TRANSCENDING AND INTEGRATING LIFE SCIENCES (NCBTIL)

January 17 & 18, 2019

For details contact

Department of Life Sciences, Kristu Jayanti College (Autonomous),

K Narayanapura, Kothanur PO, Bengaluru-560077 Karnataka. Tel: 080-28465611, 28465770

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Website: www.kristujayanti.edu.in

About the Conference

The transformations that happened during the last few decades due to significant evolution of research in biochemistry has now reached a stage of explaining living processes in molecular level besides extending the territory of research from human body interaction to involvement of pharmaceutical industries and disease prospects. This conference will bring together the scientific community working in the field of biochemistry for exchange of novel scientific findings and ideas in the field of biochemistry and to instill a spirit of innovation and research in the minds of students, research scholars and academicians. Moreover, this conference will catalyse new relations, ventures and associations. This two-day event will feature discussion on recent findings from experts and researchers in the field of biochemistry, in the form of keynote sessions, oral and poster presentations in the below-mentioned (but not restricted to) sub-themes:

- Clinical Biochemistry • Nutritional Biochemistry • Enzymology • Phytochemistry
- Molecular Physiology • Metabolomics and Proteomics • Molecular Medicine
- Pharmaceutical Biochemistry • Structural Biology • Nano Biochemistry
- Immunochemistry • Protein Chemistry • Pharmacology and Toxicology

About the College

Kristu Jayanti College, is an incarnation of the educational dreams of Saint Kuriakose Elias Chavara (1805-1871), the founder of the religious congregation Carmelites of Mary Immaculate (CMI). Kristu Jayanti College founded in 1999 is affiliated to Bangalore University, is re-accredited with highest grade 'A' by NAAC and is recognized by UGC under the category 2(f) & 12(B). The college was accorded autonomous status from 2013. In India Today MDRA survey 2018, the college is ranked 5th best BCA college, 13th best MSW college, 15th best BBA college, 16th best Commerce college, 18th best Arts college, 26th best Science college in India and 2nd best college in BCA and MSW, 3rd best college in Commerce, 4th best college in Arts and BBA and 5th best college in Science in Bangalore. The institution strives to fulfill its mission to provide educational opportunities to all aspiring youth to excel in life by developing academic excellence, fostering values, creating civic responsibility and building global competencies in a dynamic environment.

Department of Life Sciences

The department was started in the year 2002, with the aim of grooming and preparing aspirants in Life Sciences for research and career. The Department offers B.Sc. programme in Biotechnology, Microbiology, Biochemistry, Genetics and M.Sc. programmes in Biotechnology and Microbiology. The Department is also a Research Centre in Biotechnology of Bangalore University. With the commitment of the faculty members to educational excellence, state of the art laboratories, the Department strives to serve the students in enhancing their scientific temperament and enable them to inculcate scholarly knowledge in various emerging fields of Life Sciences.

Guidelines for paper submission

Papers are invited on the theme and subthemes of the conference

Oral and Poster Presentation:

- A soft copy of the abstract (not exceeding 250 words) should be submitted for both poster & oral presentation. The abstract should include the elements described as below:
 - Title of the paper, name(s) and affiliation of author(s)
 - email ID, mailing address and contact number of the corresponding author
 - Summary of introduction, materials and methods, results, discussion followed by Keywords (min four, max six)
- Specifications: A4 size, MS -Word format, Times New Roman font, heading with font size 14 and text with font size 12, spacing of 1.5 and as a single file.
- The abstract should be based on original research work that has not been published and should be submitted to Isconf@kristujayanti.com on or before **December 26, 2018**.
- The research articles selected for oral and poster presentations will be communicated by **January 5, 2019**.
- Poster Size-Width: 3 feet and height: 4 feet.

Paper Publication:

- A soft copy (not exceeding 6000 words) with the abstract should be submitted adhering to the format prescribed by the International Journal of Pharmacy and Biological Sciences (<https://www.ijpbs.com/page.php?id=4>).
- The paper should be based on original research work that has not been published and should be submitted to Isconf@kristujayanti.com on or before **December 26, 2018**.
- The selected papers will be peer reviewed based on the originality and relevance with the conference theme.
- Receipt of all papers will be acknowledged, however accepted papers would be intimated as "Accepted" through e-mail on or before **January 5, 2019**.
- Accepted papers will be published in the **International Journal of Pharmacy and Biological Sciences** (Electronic)- ISSN: 2230-7605 which is a Peer Reviewed Open Access International Journal with UGC Approval No-46322.
- The author cannot delegate the presentation of paper to another person.
- The completed registration form along with registration fee, once acceptance of the paper is intimated, should reach the convener on or before **January 10, 2019**.

Important Dates

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| • Submission of abstract and full paper | December 26, 2018 |
| • Notification of acceptance | January 5, 2019 |
| • Last date for Registration and payment for publication | January 10, 2019 |
| • Conference dates | January 17 and 18, 2019 |



DEPARTMENT OF LIFE SCIENCES

National Conference on Biochemistry-Transcending and Integrating Life Sciences

17th&18th January 2019

Table of Contents- International Journal of Pharmacy and biological Sciences

Manuscript No	Title of the Paper & Code	Author Name	Affiliation
1	Traditional Indian medicinal plants: synthesis, characterization and antibacterial property of AgNPs against MDR strains	Ankita Anupam, Shruti Palankar, Sharangouda J. Patil and Rama Chandra Prasad*	Department of Life Sciences, Garden City University, Bengaluru, Karnataka
2	<i>In vitro</i> Studies on Synergistic Effects of <i>Limonia Acidissima</i> and Apple Cider Vinegar On Anti-Urolithiatic Activity	Kavita. G. Singh ^{*1} , Devyani.Purohit ¹ and G. L. Sai Ramya ¹	Department of Biochemistry, Mount Carmel College (Autonomous), Bengaluru, Karnataka
3	Ecofriendly synthesis of silver nanoparticles using <i>Delonix regia</i> flower extract and its characterization by UV and SEM and in vitro study on its toxicity and antioxidant potential	Pushpa Reddy*, Sarada Ruj, Nishath Fathima	Department of Biochemistry, Indian Academy, Center for Research and PG Studies, Bengaluru, Karnataka.
4	Free Radical Scavenging Potential of Leaf of <i>Adhatoda Vasica</i> and <i>Lantana Camara</i> by DPPH Assay	Prathiba H.D *	Department of Biochemistry, Jnana Bharathi Campus, Bangalore University, Bengaluru, Karnataka
5	Anatomical Profiling and Phytochemical Analysis of <i>Christia Vespertilionis</i> (L. F.) Bakh. F.	Smitha S. ^{1*} and Reshma Jain ²	Department of Biotechnology, C.M.S. College (Autonomous), Kottayam, Kerala 2. Department of Life Sciences, Kristu Jayanti College (Autonomous), Bengaluru, Karnataka
6	Antagonistic Effect of <i>Aspergillus</i> and <i>Penicillium</i> against Wilt Disease of Tomato by <i>Fusarium Oxysporum</i>	Challaraj Emmanuel E.S.*, Sonia Angeline M., Rislyn Debbarma, Hangma Mochahary	Department of Life Sciences Kristu Jayanti College (Autonomous) Bengaluru, Karnataka



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7	Impact of Bacterial Endophytes on Growth and Yield of Brinjal <i>var. Annamalai</i> under Pot Experiment	U. Sivagamasundari	Department of Life Sciences Kristu Jayanti College (Autonomous) Bengaluru, Karnataka
8	Studies on Phyco-remediation of Chlorpyrifos and Heavy Metal Chromium Using Algae	Samuel Reinhard T*, Menon Lakshmipriya**, Bhavana V.**, Sathyapriya***	Kristu Jayanti College* (autonomous), Bengaluru, Karnataka; CMS College Of Science and Commerce*, Coimbatore. Bharathiar University*, Coimbatore, Tamil Nadu
9	Genetic Diversity Assessing of Indian Chicken Breeds and Commercial Broiler Strains Using Genetic Markers	*Selvam Arjunan ¹ , Hemin Hussein Ali ² , Radhakrishnan Senthilkumar ³	Kristu Jayanti College (Autonomous), Bengaluru, Karnataka ¹ Indian academy Degree College (Autonomous), Bengaluru, Karnataka ² GPS Institute of Agricultural Management, Peenya, Bengaluru, Karnataka ³
10	Study on The Effect of Temperature, pH and Antifungal Activity of Fruit Peel Extracts on The Dandruff Causing Fungi	Sonia Angeline M*, Sushmitha. G. Helavar, Megha Sirohia	Kristu Jayanti College (Autonomous), Bengaluru, Karnataka
11	<i>Envoltura farmacéutica</i> – an Eco-friendly Wrapping	K. Swetha*, K. Balachandran Athul, Mechoor Ambili, Chacko Rincy and C. A. Mohamed Raees	Department of Biotechnology, Sahrdaya College of Engineering and Technology, Kodakara, Thrissur(Dt), Kerala



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12	Analysis of the Occurrence of Rs11632698snp of Cyp11a1 Gene involved in PCOD	K. Balachandran Athul*, K. Swetha, K. N. Anand Sandra, Niviya Martin Treesa	Department of Biotechnology, Sahrdaya College of Engineering and Technology, Kodakara, Thrissur(Dt), Kerala
13	Anti-Proliferative Effect of Curcumin on Eukaryotic Cells and Their Plausible Modes of Action	Priya Josson Akkara ^{1*} , Joel P. Joseph ² , Nandini Damodaran ² , Supriya Prakash ² , Amarnath ² , Rashmi K.V. ² , Jagadeesh Kumar ²	¹ Department of Life Sciences, Kristu Jayanti College (Autonomous), Bengaluru, Karnataka ² Department of Biotechnology, Sir M. Visvesvaraya Institute of Technology, Bengaluru, Karnataka
14	<i>In vitro</i> Evaluation of Antibacterial And Biological Activity of Phytochemicals from Spices	Bindu I ¹ and Elcey C.D. ^{2*}	¹ Department of Botany, Bharathiar University, Coimbatore, Tamil Nadu, India. ² Department of Life science, Kristu Jayanti College (Autonomous), Bengaluru, Karnataka
15	Studies on Collagen Hydrolysis by Pineapple (<i>Ananas Comosus</i>) Stem Bromelain	Renu I. C., Harikumar Thampi B. S.	Department of Life Sciences, University of Calicut, Malappuram, Kerala
16	Isolation, Identification and Analysis of Plastic Degrading Bacteria from Dumped Soil Area	Pratiksha Y., Sudhruthi L., Vignesh V., *Madhumita Ghosh Dastidar	Department of Microbiology, Vijaya College, R.V.Road, Bengaluru, Karnataka
17	Acute Toxicity Studies of a Newly Developed Antiobesity Polyherbal	Prabhuprasad Paduchuri ¹ , Venkatalokesh	¹ R & D Centre,



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	Formulation in Zebrafish	Duvvuri ² and Philomena George ³	Bharathair University, Coimbatore, ² Durga Femto Technologies and Research, Bangalore ³ Department of Biotechnology, Karunya Institute of Technology and Sciences, Coimbatore, Tamilnadu
18	Correlation of Serum Creatinine, BUN And BUN: Creatinine Ratio with the Renal Health	Aditya Narayan Singh ¹ , Yaran Allamyradov ¹ , Prashanthi Karyala ¹ , Malathi R ^{1*}	Dept of Biochemistry Indian academy, Bengaluru, Karnataka
19	Production, Characterization and Partial Purification of Extracellular Lipase from <i>Aspergillus</i> Sp.,	M. Anitha*, K. Saravanan, K. Prakasam, V. Dhivya, R. Sri Gokul and E. Manikandan	PG and Research Department of Biotechnology, Selvamm Arts and Science College, Namakkal, Tamilnadu.
20	A Study on Lipase Producing Organisms Isolated from Oil Polluted Area of Erode District	Kouselya S. ¹ ., Anitha M. ¹ , Ashok S. ¹ Saravanan K. ¹ Prasanna Rajesh Kumar M. ^{2*} Sathish Kumar S.	¹ PG and Research Department of Biotechnology, Selvamm Arts and Science College, Namakkal, Tamil Nadu ² PG and Research Department of Biotechnology, K. S. R. College of Arts and Science, Tiruchengode, Tamil Nadu
21	Biosynthesis of Silver Nanoparticles From <i>Trichoderma Harzianum</i> and its Impact on Germination Status of Rice and Brinjal	Saravanan K.*, Anitha M., Rajabairavi N., Arivazhagan P., Jayakumar S.	PG and Research Department of Biotechnology, Selvamm Arts and Science College, Namakkal, Tamil Nadu
			PG and Research



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22	Optimization for Cellulase Production from Soil by using <i>Cellulomonas</i>	Anitha M.* , Saravanan K., Rajabairavi N., Prakasam K., Raja N., Kousalaya S. Vijayaragavan D.	Department of Biotechnology, Selvamm Arts and Science College, Namakkal, Tamil Nadu
23	Phytochemical Screening and Antimicrobial Activity Study of <i>Eclipta Alba</i> against Bacteria	Anitha M.* Thenmozhi S., Saravanan K., Prakasam K., Keerthika R., Vijay, K.	PG and Research Department of Biotechnology, Selvamm Arts and Science College, Namakkal, Tamil Nadu
24	Diosgenin from <i>Dioscorea Alata</i> : Extraction and Potential Effects on Enzymes Related to Metabolic Syndrome	Hana Cynthia D. ¹ , Rufina K. ¹ , Myrene R. Dsouza	Department of Biochemistry, Mount Carmel College , Bengaluru, Karnataka
25	Identification and Characterization of food Borne Microorganisms, With a Complete Analysis for its Antidrug Potential against Major Antibiotics and “ <i>Allium Sativum</i> ” Aneous Decotion.	Vijayaragavan D.*, Anitha M., Saravanan K. Rajabairavi N.	PG and Research Department of Biotechnology, Selvamm Arts and Science College, Namakkal, Tamil Nadu
26	Comparative Study On Antibacterial Activity Of Neem (Azadirachta Indica) Ethanol And Methanol Extracts Against Uropathogens	^{*1} R Katherin Sylvia, ¹ E Sheeba, ¹ pooja Meena, ¹ K Vinod Kumar, ¹ P Rajarajan	¹ Department of Microbiology, Centre for Research & PG Studies, Indian Academy Degree College Autonomous, Hennur Cross, Bangalore, Karnataka.