

	<b>Dr. N.G.P. ARTS AND SCIENCE COLLEGE</b> (An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore) Approved by Government of Tamil Nadu and Accredited by NAAC with 'A' Grade (2 <sup>nd</sup> Cycle) Dr. N.G.P. – Kalapatti Road, Coimbatore-641048, Tamil Nadu, India Web: www.drngpasc.ac.in   Email: info@drngpasc.ac.in   Phone: +91-422-2369100	<b>NAAC</b> <b>3<sup>rd</sup> Cycle</b>
		<b>Criterion III</b> <b>Metric 3.3.2</b>



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 Coimbatore, Tamil Nadu, India



Department of Biochemistry

**Report on “Science Academies Lecture Workshop on Trends in Modern Biology”**

**Name of the Event:** Science Academies Lecture Workshop

**Title:** Science Academies Lecture Workshop on Trends in Modern Biology

**Category:**

Research Methodology	Intellectual Property Rights	Skill development	Entrepreneur development
✓			

**Date:** 16.09.2016 & 17.09.2016

**Preamble:**

The Department of Biochemistry, Dr.N.G.P.Arts and Science College (Autonomous), Coimbatore conducted a two day Science academies Lecture Workshop on “Trends in Modern Biology” sponsored and supported by three leading academies across the country namely Indian Academy of Sciences Bangalore, Indian National Science Academy New Delhi, The National Academy of Science Allahabad.

**Participant’s Profile:**

A total of 150 participants across the district participated in this programme, which was very unique in its own way as it had participants from Biochemistry, Biotechnology, Microbiology and other disciplines related to life science.



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		<b>Criterion III</b> <b>Metric 3.3.2</b>

### Resource person Profile:

- Dr.D.N.Rao is serving as the Professor, Department of Biochemistry, Indian Institute of Science, Bangalore. His research area includes the study of DNA-Protein interactions using Helicobacter pylori Restriction-Modification enzymes and Neisseria gonorrhoea DNA Mismatch Repair proteins as model systems. The long term goal in the laboratory is to understand how DNA mismatch repair proteins and restriction -modification enzymes achieve their specificity.
- Anju Chadha is an Indian biochemist. She is a professor at Indian Institute of Technology Madras. She works in the fields of biocatalysis and enzyme mechanisms, enzymes in organic synthesis, asymmetric synthesis using enzymes, chirotechnology, green chemistry and biosensors. In high school she was named best student. While getting her bachelor's degree at Nowrosjee Wadia College, she was awarded a Maharashtra State Government Scholarship. She was also awarded a prize in chemistry from the college. She graduated with her degree in chemistry in 1975. She received her Masters of Science in 1977 from the University of Poona with an emphasis in chemistry. In 1984, she completed her PhD from the Indian Institute of Science, Bangalore. She focused on bio-organic chemistry. Chadha is a lifetime member of the Indian Society of Bio-organic Chemists, the Chemical Research Society of India, and the IISc Alumni Association, Bangalore. She is also an elected member of Madras Science Foundation.
- Dr. K. Veluthambi is currently a UGC-BSR Faculty Fellow, Dept. of Plant Biotechnology, School of Biotechnology, Madurai Kamaraj University, Madurai, India. He completed his Ph.D. in 1981 at the Indian Institute of Science, Bangalore under the guidance of Professor R. Maheshwari. He worked as a Postdoctoral Fellow in the United States during 1981-1988. During this period, he carried out research in the National Institutes of Health (Bethesda), Washington State University (Pullman) and Purdue University (West Lafayette). Dr. Veluthambi is an Elected Fellow of the Indian Academy of Sciences (Bangalore), Indian National Science Academy (New Delhi), National Academy of Sciences – India (Allahabad) and an Elected Member of Guha Research Conference. He has so far guided 18 Ph.D. students and published papers in reputed journals such as Science, PNAS, Nature Biotechnology, Plant Physiology, Plant Molecular Biology, Journal of Bacteriology, Journal of Virology and Molecular Plant Microbe Interactions.
- Dr. Deepak Saini is an Assistant Professor, Dept of Molecular reproduction, Development and Genetics, IISc Bangalore. He is expertised in Dynamics of cellular signaling in living



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cells. He received two patents for his research work “A Method For Rapid Detection Of A Single Bacterium” and Rapid Raman Detection Of Viability Of A Microorganism.

- Dr. Ravi Sundaresan is an Assistant Professor, Department of Microbiology and Cell Biology IISc Bangalore. The lab studies Sirtuins, a family of histone deacetylases. Mammalian genome encodes seven Sirtuin isoforms (SIRT1-SIRT7), which differ in their structures, substrate specificities and subcellular localizations. We study how they regulate the pathophysiology of heart failure induced by hypertension, myocardial infarction and metabolic diseases. We use primary cell cultures, transgenic, dietary and surgical mouse models to test Sirtuins for their ability to protect against cardiovascular disease. Our lab techniques range from physiology and biochemistry, to molecular biology and proteomics. Ongoing work in our lab involves studies of the role of Sirtuins in cardiac hypertrophy, fibrosis, mitochondrial dysfunction and muscle degeneration. Our goal is to disclose new biological functions of Sirtuins that can be therapeutically targeted for promoting health-span of heart.
- Dr. Balaji Jayaprakash is currently working as an Assistant Professor, Centre for Neurosciences, IISc Bangalore. His research area is on Learning and Memory. He served as a Post Doctoral Fellow with Prof. Silva, Department of Neurobiology, UCLA, Los Angeles, July 2007- Dec 2011 and Post Doctoral Fellow with Prof. Ryan, Department of Biochemistry, Weil Medical College of Cornell University, New York, NY - 10021, USA, 2005 – 2007. He was also a Visiting Fellow in Tata Institute of Fundamental Research from 2004 – 2005. He completed his Ph.D in Chemistry by the year 2004 in Tata Institute of Fundamental Research.

### Description about the program:

- The most awaited day after a dedicated team work was initiated by lighting the kuthuvilakku by eminent personalities viz, Dr. D.N Rao, Dr. Deepak Saini, Dr. K. Veluthambi, Dr. Anju Chadha, Dr. Ravi Sundaresan, Our Madam Secretary Dr. Thavamani D Palaniswamy, our principal Dr. P.R. Muthuswamy. The day started with a warm and cordial welcome address by Dr. S. Balasubramaniam, Head of the Department and followed by the presidential address by Dr. Thavamani D. Palaniswamy, Secretary where





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she stressed the need for new inventions in science for the eradication of various emerging diseases.

- In his Felicitation address, Dr.P R.Muthuswamy sir pointed out the influence of science in all fields, and stressed that science and technology should be integrated in large scale for the betterment of the society. The inaugural address was delivered by Dr.D.N Rao where he mentioned that the objective of science academies is to motivate the students to pursue research and also explained the summer fellowship opportunities available for the students in science academies.
- The Technical session 1 started with a thought provoking lecture by Dr. K.Veluthambi, Professor, UGC-BSR faculty fellow, School of Biotechnology, MKU on the topic “Selectable marker elimination in transgenic mice” where he gave an overview on various available recombination techniques for the production of transgenic plants especially in rice varieties.
- The session 2 was energetically started by Dr.Deepak Saini , Assistant Professor, Dept of Molecular reproduction, Development and Genetics, IISc Bangalore on the topic “ Cellular signaling- New words in an old language. The session went on interestingly with discussions about role of communications and signaling mechanisms operating in cells. He explained about the wired and wireless communications working in cells in a different perspective and justified the title that the cells are communicating in new words using an old language.
- The technical session 3 was handled by Dr.Ravi Sundaresan, Assistant Professor, Department of Microbiology and cell Biology IISC Bangalore on the topic “Diabetes and Heart failure”where he discussed about types, causes and mechanisms of development of diabetes with special emphasis on Type 2 diabetes. He explained the various mechanisms of heart failure on the context of diabetes.
- The technical session 4 was chaired by Dr.Anju Chadha, Professor, Department of Biotechnology and NCCR, Indian Institute of technology, Madras on the interesting topic “Biocatalysis for efficient, Sustainable and green organic synthesis” where she detailed how organic synthetic processes using stoichiometric amount of chemicals can be replaced by biocatalysts for the prevention of pollution. She detailed various biocatalytic systems available in nature and their commercial applications with a lot of examples.
- The most challenging and final session of day 1 went blissfully by the convenor of this workshop Dr.D.N Rao, Professor. Department of Biochemistry, IISC Bangalore on the novel topic “Genomics of restriction –modification systems“where he explained Defensive and selfish aspects of Restriction- modification systems in bacteria. He elaborated various types of Restriction enzymes – sources, distribution, homology, types, and their mechanism of action. He also briefed the evolved mechanisms in Bacteriophages to combat these restriction- modification systems.





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- The day 2 was energetically started by Dr. Anju Chada, on the topic “Using and understanding *Candida parapsilosis* ATCC 7330 as a biocatalyst”. Where she concentrated on how *Candida parapsilosis* ATCC 7330 can be used in the preparation of optically pure secondary alcohols, different strategies to improve the selectivity of the biocatalyst, Optimization of reaction conditions and stressed that even *Candida* can be used as an analytical tool and in the synthesis of nanoparticles. Gene targeting, A powerful tool in functional genomics was the main theme of Dr. Veluthambi and during the session he gave an elaborate insight into the Gene targeting, Challenges in traditional gene targeting techniques, Positive and negative selection based gene targeting strategy, Evaluation of diphtheria toxin gene as a negative selectable marker in rice, ABCDE model of flower development, Characterization of *OsMADS1* gene and zygosity analysis. He also motivated the young minds to pursue research by getting inspiration from role models.
- The session 8 was enthusiastically started by Dr. Balaji Jayaprakash, Assistant Professor, Centre for Neurosciences, IISc Bangalore on the eagerly expected topic “what makes a memory? Where he explained the very complicated topic in a simple language in such a way that it will be kept in the memory for a longer period.
- The ninth session was chaired by Dr. Deepak Saini on the interesting theme “Aging-misery, mastery and mystery where he gave wonderful presentation on different dimensions of aging in an interesting and interactive way and I am sure that the audience will take into their memory because everyone wants to live young.
- The tenth session was chaired by Dr. Ravi Sundaresan where he gave a detailed explanation about the aging and heart muscle degeneration. The eleventh session and the last session where he gave an elaborate overview on the topic “ the role of cortical memories and problem solving
- The most awaited interaction session with the pool of resource persons went on interestingly by the interactions and deliberations made by the participants.
- The two day lecture workshop conducted with valedictory session to validate the resource persons and participants who have patiently and enthusiastically participated in the continuous knowledge bombardment session in this lecture workshop.





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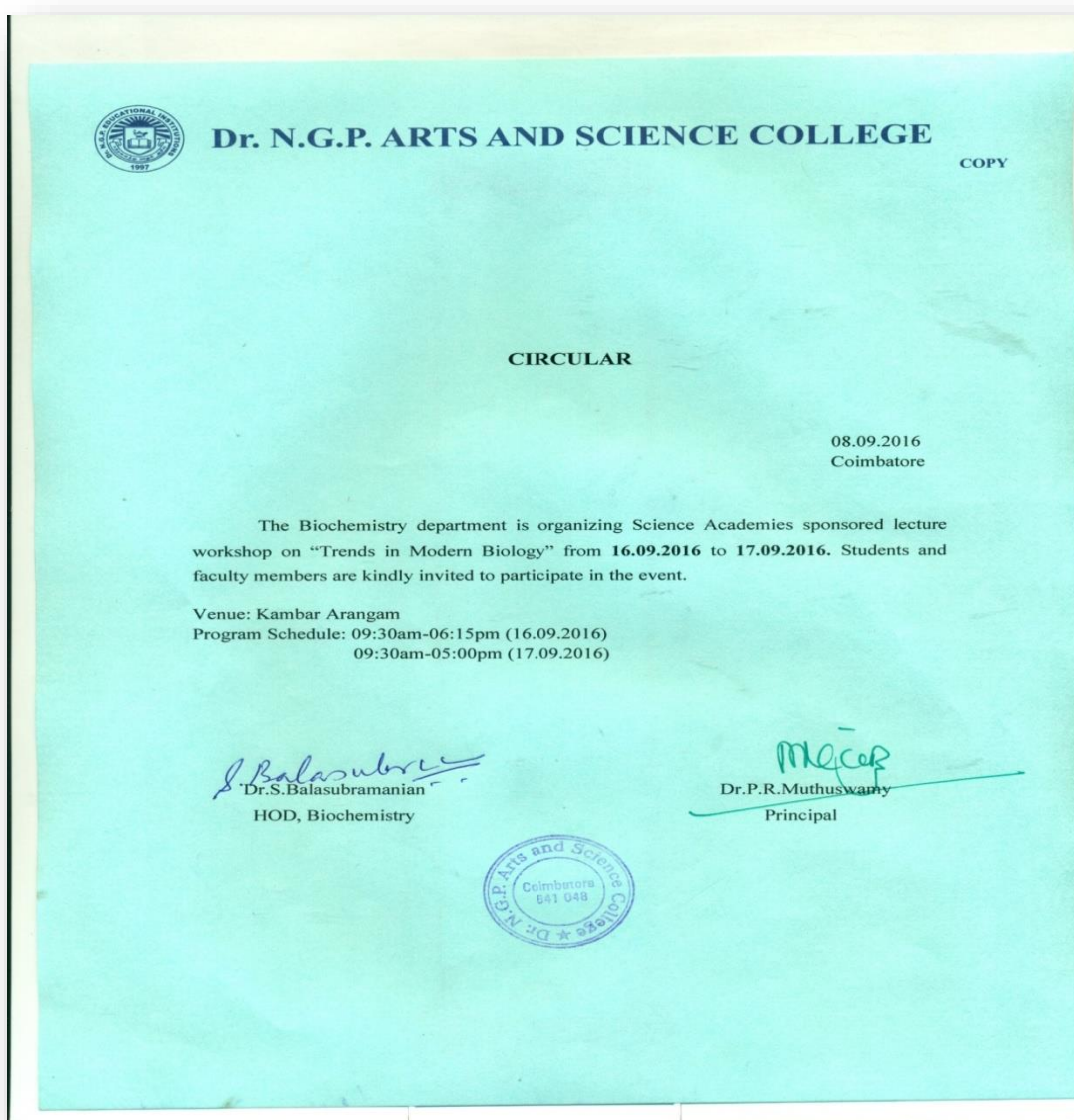
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### Outcome of the Program

- Helps to understand the evolved mechanisms in Bacteriophages to combat these restriction- modification systems.
- discussed about types, causes and mechanisms of development of diabetes with special emphasis on Type 2 diabetes





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REGISTRATION FORM	REGISTRATION FORM
Science Academies Lecture Workshop on "Trends in Modern Biology"	Science Academies Lecture Workshop on "Trends in Modern Biology"
16 <sup>th</sup> and 17 <sup>th</sup> September 2016	16 <sup>th</sup> and 17 <sup>th</sup> September 2016
Name : C. Bhuvaneshwari	Name : M. Pennarasi
Age : 22 Gender : Male / Female <input checked="" type="checkbox"/>	Age : 21 Gender : Male / Female <input checked="" type="checkbox"/>
Address for Communication : Room No F.51 Kannama hostel, Bharathiyar University, Coimbatore - 46	Address for Communication : F.47, Kannamma Ladies Hostel, Bharathiyar University, Coimbatore - 641046
Qualification : I. M. Sc. Biochemistry	Qualification : I. M. Sc. Biochemistry
Designation : Student	Designation : Student
Department : Biochemistry	Department : Biochemistry
Organization : Bharathiyar University	Organization : Bharathiyar University
Email : bhuvanabiochemist@gmail.com	Email : ponnibiochemistry19@gmail.com
Address: Telephone : 9942302816	Address: Telephone : 9688460469
Accommodation Required : Yes / No <input checked="" type="checkbox"/>	Accommodation Required : Yes / No <input checked="" type="checkbox"/>
Signature of the participant : C. Bhuvaneshwari	Signature of the participant : M. Pennarasi
Head of the Department : Dr. S. SUJA M.Sc., M.Phil (BC), M.Phil (BT), PGDNBT, Ph.D., Associate Professor and Head Department of Biochemistry Bharathiyar University Coimbatore - 641 046, Tamilnadu, India	Head of the Department : Dr. S. SUJA M.Sc., M.Phil (BC), M.Phil (BT), PGDNBT, Ph.D., Associate Professor and Head Department of Biochemistry Bharathiyar University Coimbatore - 641 046, Tamilnadu, India
<b>NOTE :</b> Complete the above registration form and send to Dr. J. Karthikeyan, Co-ordinator - Science Academies lecture workshop on or before 20 <sup>th</sup> August 2016. Selected participants will be notified through e-mail.	<b>NOTE :</b> Complete the above registration form and send to Dr. J. Karthikeyan, Co-ordinator - Science Academies lecture workshop on or before 20 <sup>th</sup> August 2016. Selected participants will be notified through e-mail.





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## Science Academies Lecture workshop on "Trends in Modern Biology"

16<sup>th</sup> and 17<sup>th</sup> September 2016

Sponsored and supported by



Indian National Science Academy  
New Delhi



Indian Academy of Sciences  
Bangalore



Indian National Academy of Science  
Allahabad

Organised by



Department of Biochemistry

**Dr. N.G.P. ARTS AND SCIENCE COLLEGE**  
COIMBATORE - 48.

### INAUGURATION

Date : 16<sup>th</sup> September 2016

Time : 9.30 -10.00 a.m.

Venue : Kamar Arangam

Welcome Address : **Dr. S. Balasubramanian**

HoD  
Department of Biochemistry  
Dr. N.G.P. Arts and Science College

Presidential Address : **Dr. Nalla G Palaniswami**

Chairman  
Kovai Medical Center and Hospital (KMCH)

Felicitation : **Dr. Thavamani D Palaniswami**

Secretary  
Dr. N.G.P. Arts and Science College

**Dr. P.R. Muthuswamy**

Principal  
Dr. N.G.P. Arts and Science College

Inaugural Address : **Dr. D.N. Rao**

Professor, Department of Biochemistry  
Indian Institute of Science, Bangalore.

Vote of Thanks : **Dr. J. Karthikeyan**

Programme Coordinator and Associate Professor  
Department of Biochemistry, Dr. N.G.P. Arts and Science College

## VALEDICTION

Date : 17<sup>th</sup> September 2016

Time : 4.15 - 5.00 pm

Venue : Kamar Arangam

Welcome Address : **Dr. N. Kannikaparameswari**

Associate Professor  
Department of Biochemistry  
Dr. N.G.P. Arts and Science College

Report Presentation : **Dr. S. Gowri**

Professor  
Department of Biochemistry  
Dr. N.G.P. Arts and Science College

Valedictory Address : **Dr.K.Swaminathan**

KMCH Research Foundation  
Coimbatore.

Vote of Thanks : **Dr. J. Karthikeyan**

Programme Coordinator and Associate Professor  
Department of Biochemistry  
Dr. N.G.P. Arts and Science College





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## Science Academies Lecture workshop on "Trends in Modern Biology" 16<sup>th</sup> and 17<sup>th</sup> September 2016

Sponsored and supported by



Indian National Science Academy  
New Delhi



Indian Academy of Sciences  
Bangalore



Indian National Academy of Science  
Allahabad

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Dr. N.G.P. Arts Science College  
Coimbatore

### Programme Schedule

Day 1 - 16<sup>th</sup> September, 2016

9.30 AM – 10.00 AM	<b>Inaugural Address</b> <b>Dr. D.N.Rao</b> Convenor Professor, Department of Biochemistry Indian Institute of Science, Bangalore <b>Felicitation</b> <b>Dr.P.R.Muthuswamy</b> Principal, Dr.N.G.P Arts and Science College, Coimbatore
10.00 AM -10.50 AM	<b>Dr.K.Veluthambi</b> Professor (Rtd) UGC-BSR Faculty Fellow School of Biotechnology Madurai Kamaraj University, Madurai <b>Topic : Selectable marker elimination in transgenic rice</b>
10.50 AM – 11.10 AM	<b>TEA BREAK</b>
11.15 AM - 12.05 PM	<b>Dr. Sandeep Easwarappa</b> Assistant Professor, Department of Biochemistry, Indian Institute of Science, Bangalore <b>Topic: Function and dysfunction of blood vessels</b>
12.05 PM - 12.50 PM	<b>Dr.Deepak Saini</b> Assistant Professor, Department of Molecular Reproduction, Development and Genetics, Indian Institute of Science, Bangalore <b>Topic: Cellular signaling - New words in an old language</b>
1.00 PM - 2.00 PM	<b>LUNCH BREAK</b>
2.00 PM - 2.50 PM	<b>Dr.Ravi Sundaresan</b> Assistant Professor, Department of Microbiology and, cell Biology Indian Institute of Science, Bangalore <b>Topic: Diabetes and Heart failure</b>
2.50 PM - 3.40 PM	<b>Dr.Anju Chadha</b> Professor, Department of Biotechnology and NCCR, Indian Institute of Technology, Madras <b>Topic: Biocatalysis for efficient, sustainable and green organic synthesis</b>
3.45 PM - 4.15 PM	<b>TEA BREAK</b>





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4.15 PM - 5.05 PM	<b>Dr. D.N.Rao</b> Professor, Department of Biochemistry, Indian Institute of Science, Bangalore <b>Topic: A Fine Balance between Genomic Integrity and Diversity in Helicobacter pylori</b>
5.15 PM TO 6.15PM	Interaction session with the Resource persons <b>Day 2 - 17<sup>th</sup> September 2016</b>
9.30 AM - 10.20 AM	<b>Dr.Anju Chadha</b> Professor, Department of Biotechnology and NCCR Indian Institute of Technology, Madras. <b>Topic: Using and understanding Candida parapsilosis ATCC 7330 as a biocatalyst</b>
10.20 AM - 11.00 AM	<b>Dr.K.Veluthambi</b> Professor (Rtd) UGC-BSR Faculty Fellow School of Biotechnology Madurai Kamaraj University, Madurai <b>Topic : Gene Targeting: A powerful tool in functional genomics</b>
11.00 AM - 11.30 AM	<b>TEA BREAK</b>
11.30 AM - 12.15 PM	<b>Dr.Deepak Saini</b> Assistant Professor, Department of Molecular Reproduction, Development and Genetics, Indian Institute of Science, Bangalore <b>Topic: Aging - misery, mastery and mystery</b>
12.15 PM - 1.00 PM	<b>Dr. Balaji Jayaprakash</b> Assistant Professor, Centre for Neuroscience Indian Institute of Science, Bangalore <b>Topic: What makes a memory?</b>
1.00 PM - 2.00 PM	<b>LUNCH BREAK</b>
2.00 PM - 2.45 PM	<b>Dr.Ravi Sundaresan</b> Assistant Professor, Department of Microbiology and, cell Biology Indian Institute of Science, Bangalore <b>Topic: Aging and Heart Muscle degeneration</b>
2.45 PM - 3.30 PM	<b>Dr. Balaji Jayaprakash</b> Assistant Professor, Centre for Neuroscience Indian Institute of Science, Bangalore <b>Topic: The role of cortical memories on problem solving</b>
3.30 PM - 3.45PM	<b>TEA BREAK</b>
3.45 PM - 4.15 PM	Interaction session with the Resource persons
4.15 PM - 4.45 PM	<b>Valediction</b>





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## Students Attendance Report

Dr.N.G.P ARTS AND SCIENCE COLLEGE  
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DEPARTMENT OF BIOCHEMISTRY  
REGISTRATION  
SCIENCE ACADEMIES LECTURE WORKSHOP ON "TRENDS IN MODERN BIOLOGY"  
16<sup>th</sup> & 17<sup>th</sup> September 2016

S.NO	NAME OF THE STUDENT	DESIGNATION	INSTITUTION	SIGNATURE
1.	Agila.S	M.sc Biochemistry	Bharathiar University	
2.	Anjali.S	M.sc Biochemistry	Bharathiar University	
3.	AryaKannan	M.sc Biochemistry	Bharathiar University	C. Arya
4.	Bhuvanewari.C	M.sc Biochemistry	Bharathiar University	D. Gokila
5.	Gokila.D	M.sc Biochemistry	Bharathiar University	
6.	Indira. R	M.sc Biochemistry	Bharathiar University	V. Indira
7.	Janani. V	M.sc Biochemistry	Bharathiar University	J. Janani
8.	Jithin T.T	M.sc Biochemistry	Bharathiar University	
9.	Kavyamenon	M.sc Biochemistry	Bharathiar University	K. Kavya
10.	Keerthana. V	M.sc Biochemistry	Bharathiar University	K. Keerthana
11.	Kiruthiga. P	M.sc Biochemistry	Bharathiar University	P. Kiruthiga
12.	Kokilavani. K	M.sc Biochemistry	Bharathiar University	K. Kokilavani
13.	Ponnarasi. M	M.sc Biochemistry	Bharathiar University	M. Ponnarasi
14.	Preethi. M	M.sc Biochemistry	Bharathiar University	M. Preethi
15.	Rahul shukla	M.sc Biochemistry	Bharathiar University	S. Rahul
16.	Ramya. S	M.sc Biochemistry	Bharathiar University	
17.	Ramya. S	M.sc Biochemistry	Bharathiar University	
18.	Sathya. K	M.sc Biochemistry	Bharathiar University	



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19.	Selciya. K	M.sc Biochemistry	Bharathiar University	K. Selvi
20.	Shanmuga sundaram . B	M.sc Biochemistry	Bharathiar University	B. Shashi
21.	Sharmila. T	M.sc Biochemistry	Bharathiar University	Sharmila
22.	Sujithra. B	M.sc Biochemistry	Bharathiar University	P. Sujithra
23.	Vaishnavi. R *	M.sc Biochemistry	Bharathiar University	Vaishnavi
24.	Venkatesh V.P	M.sc Biochemistry	Bharathiar University	V.P.
25.	Anusuya. N	M.sc Biochemistry	Bharathiar University	Anusuya
26.	Dr.S.Krishnakumari	ASST PROFESSOR BIOCHEMISTRY 1	Kongunadu Arts and Science College, cbe	
27.	Dr.S.Kathiravan	ASST PROFESSOR BIOCHEMISTRY 2	Kongunadu Arts and Science College cbe	
28.	Dr.M.Kalaiselvi	ASST PROFESSOR BIOCHEMISTRY 3	Kongunadu Arts and Science College cbe	
29.	M.Karthik	RESEARCH SCHOLAR BIOCHEMISTRY	Kongunadu Arts and Science College cbe	M.Karthik
30.	M.Vinodhini	RESEARCH SCHOLAR BIOCHEMISTRY	Kongunadu Arts and Science College cbe	M.Vinodhini
31.	R.Beena	M.PHIL BIOCHEMISTRY	Kongunadu Arts and Science College cbe	R.Beena
32.	K.Kohila	RESEARCH SCHOLAR BIOCHEMISTRY	Kongunadu Arts and Science College cbe	K.Kohila
33.	M.Amudha	RESEARCH SCHOLAR BIOCHEMISTRY	Kongunadu Arts and Science College cbe	
34.	V.Suganthi	RESEARCH SCHOLAR BIOCHEMISTRY	Kongunadu Arts and Science College cbe	
35.	Dr.R.Amsaveni	ASST PROFESSOR BIOTECHNOLOGY 4	Kongunadu Arts and Science College cbe	
36.	Dr.V.Bhuvaneshwari	ASST PROFESSOR BIOTECHNOLOGY 5	Kongunadu Arts and Science College cbe	
37.	Mahavaishnavi M	Biochemistry	Kongunadu Arts and Science College cbe	
38.	Kalamani K	Biochemistry	Kongunadu Arts and Science College cbe	

\* 39. SENTHILKUMAR. R. P. (Ph.D. Research scholar) Bio-Tech  
Research Scientist  
KIRIND, Totchy.  
R.A.M.A.  
Prof. S.





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Web: www.drngpsc.ac.in | Email: info@drngpsc.ac.in | Phone: +91-422-2369100

NAAC  
3<sup>rd</sup> Cycle

Criterion III  
Metric 3.3.2



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## BIOZENITH ASSOCIATION DEPARTMENT OF BIOCHEMISTRY-

### FEEDBACK FORM

Name of the Programme :

Title of the Programme :

Date : 17.9.2016

Name of the Participant, Designation & Department :

Particulars	Unsatisfactory	Satisfactory	Excellent
Content of the Event			✓
Venue of the Event		✓	
Ease of the Registration			✓
Benefits of the Event			✓
Overall Satisfaction		✓	

Comments & Recommendations:

*K. Sathya*  
Signature of Participant

*[Signature]*  
Signature of Organizer

Scanned with CamScanner





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### FEEDBACK FORM

Name of the Programme :

Title of the Programme :

Date : 17-09-2016

Name of the Participant, Designation & Department :

Particulars	Unsatisfactory	Satisfactory	Excellent
Content of the Event			✓
Venue of the Event			✓
Ease of the Registration			✓
Benefits of the Event			✓
Overall Satisfaction			✓

Comments & Recommendations:

Signature of Participant

Signature of Organizer

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## Grants received (E-copies of sanctioned letter, Audited Statement of expenditure & UC)

### E-copies of Sanctioned Order

**SCIENCE ACADEMIES' EDUCATION PROGRAMME**  
SEP/LW/September / 2016

04 July 2016

**JOINT SCIENCE EDUCATION PANEL**

**Indian Academy of Sciences**  
Sebastian, K. L. (Chairman)  
Arunan, E.  
Bachhawat, A. K.  
Balakrishnan, V.  
Chattopadhyay, Nitin  
Dhar, Deepak  
Mukunda, N.  
Murthy, M.R.N.  
Raghakrishnan, T. P.  
Ramesh Rajan, Govindan  
Saidapur, S.K.  
Sankaran, P.  
Satheesh, S.K.  
Sengupta, Pulak  
Subramaniam, Annapurni

**Indian National Science Academy**  
Chattaraj, P. K.  
Chattoo, B. B.  
Chaudhuri, Probal  
Goswami, J.N.

**The National Academy of Sciences, India**  
Dimri, V.P.  
Khurana, Paramjit  
Misra, Gadadhar  
Mittal, J.P.

**Contact Address**  
Mahabaleswara, T.D.  
Coordinator  
Refresher Courses & Lecture Workshops  
Indian Academy of Sciences  
P.B. No. 8005  
C.V. Raman Avenue  
Sadashivanagar P.O.  
Bengaluru 560 080  
India

**Telephone:**  
91-80-2266 1210  
91-80-2266 1222  
**Fax:**  
91-80-2361 6094

**Email:**  
sep@ias.ernet.in

Dr. J. Karthikeyan  
Associate Professor  
Dept. of Biochemistry  
Dr NGP Arts and Science College  
Kalapatti Road, Coimbatore 641 048

Sub: Lecture Workshop on "Trends in modern biology" at NGP Arts and Science College, Coimbatore (16-17 September 2016).

Dear Dr Karthikeyan,

This has reference to the letter forwarding a proposal and/budget for organizing a two-day Lecture Workshop in your University. The Joint Science Education Panel of the three Academies will be happy to sponsor and support the Lecture Workshop. We note that Prof. D.N. Rao (IISc, Bengaluru) will be the Workshop Convener and that you will be the Workshop Co-ordinator.

(a) Your budget of Rs. 1,53,750/- for 150 participants (inclusive of travel expenses for Resource Persons) has been approved by the Science Education Panel. Please note that as per our guidelines supporting staff should not be more than 4 persons and the allotted amount is Rs. 2000 (Rs 500/each). Accordingly we have deducted the excess amount projected in your budget.

(b) Please note that only the names of Convener and Coordinator of the Workshop should be included in brochure/invitation etc. Names of members of the management, organizing committees, patrons etc should be strictly avoided.


(c) Please ensure that the expenditure on individual items does not exceed the sanctioned BUDGET HEAD. If the actual expenditure exceeds the sanctioned budget, THE HOST INSTITUTION SHOULD TAKE CARE OF THE DIFFERENCE.

(d) Lecture Workshops are sponsored and supported by the three National Science Academies – IASc, INSA and NASI. The names of INDIAN ACADEMY OF SCIENCES (BENGALURU), INDIAN NATIONAL SCIENCE ACADEMY (NEW DELHI) and THE NATIONAL ACADEMY OF SCIENCES, INDIA (ALLAHABAD) should therefore be mentioned in all publicity material such as programme sheet, invitation cards, etc.


(e) It may be noted that no formal certificates should be issued to participants. A letter of attendance signed by Coordinator may be issued to those who need it.

(f) The Workshop should be called Science Academies' Lecture Workshop on "Trends in modern biology".


*M. Rao*  
13/7/16



Indian Academy of Sciences, Bangalore



Indian National Science Academy, New Delhi



The National Academy of Sciences, India Allahabad





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## Statement of Expenditure

**Statement of expenditure for Lecture Workshop**  
**Lecture Workshop on “Trends in Modern Biology”**  
**Dates: 16<sup>th</sup> and 17<sup>th</sup> September 2016**

Total participants approved by IAS: 150 No. actually participated 150  
(Students: 138 ; Teachers: 12 ; Resource Persons: 6 ; Supporting Staff: 4)

Sl. No.	Budget head / amount sanctioned (Rs)	Particulars (name of payee/item)	Amount spent (Rs.)
1.	<b>Publicity: Rs.6,000</b> Banner, circular, registration forms, programme cards invitation cards, letter of attendance, etc	a. M/s.Raasi Enterprises for information brochure	494.00 ✓
		b. M/s Raasi Enterprises for flex printing and designing	5,040.00 ✓
		c. M/s Raasi Enterprises for Invitation cards	366.00 ✓
		<b>Total</b>	<b>5900.00</b> ✓
2.	<b>Registration &amp; stationery: Rs.10,000</b> (Pad, pen, pencil, photostat copies etc)	a. M/s V.K.Enterprises for files, folders, pens, Note pad	7,384.00 ✓
		b. M/s. Friends Xerox for Photostat copies	180.00 ✓
		c. M/s. Rainbow stationery for Photostat copies	110.00 ✓
		d. M/s. Rainbow stationery for stationary items	2,450.00 ✓
<b>Total</b>	<b>10,124.00</b> ✓		
3.	<b>Food: Rs 60,000</b> Breakfast, lunch, tea/coffee biscuits	a. M/s KMCH Canteen for Working lunch, Tea, biscuits, snacks for 150 participants on 16 <sup>th</sup> September 2016	30,200.00 ✓
		b. M/s KMCH Canteen for Working lunch, Tea, biscuits, snacks for 150 participants on 17 <sup>th</sup> September 2016	30,100.00 ✓
<b>Total</b>	<b>60,300.00</b> ✓		
4.	<b>a. Honorarium</b> for resource persons (at Rs. 2000/- per lecture)	a. Dr.D.N.Rao	2,000.00 ✓
		b. Dr.K.Veluthambi	4,000.00 ✓
		c. Dr.Deepak Saini	4,000.00 ✓
		d. Dr.Ravi Sundaresan	4,000.00 ✓
		e. Dr.Balaji Jayaprakash	4,000.00 ✓
		f. Dr.Anju Chadha	4,000.00 ✓
	<b>b. Honorarium</b> for convener/co-ordinator (Rs 2500/ Rs 2000)	a. Dr.D.N.Rao (Convenor)	2,500.00 ✓
		b. Dr.J.Karthikeyan (Co-ordinator)	2,000.00 ✓
	<b>c. Honorarium</b> for supporting staff (not more than 2 or 3 persons and at most Rs 2,000/- total)	a. Dr.N.Kannikaparameswari	500.00 ✓
		b. Dr.C.Venkatesan	500.00 ✓
		c. Dr.S.Gowri	500.00 ✓
		d.Mrs.T.Indumathi	500.00 ✓
	<b>Total</b>	<b>28,500.00</b> ✓	
<b>: Rs.22,500</b>			





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Metric 3.3.2

5.	a. Boarding including breakfast and dinner for the resource persons Rs.7,750	a. M/s. Haribhavanam Hotels towards food expenses to all the resource persons b. M/s.Sree Annapoorna Sree Gowrishankar towards purchase of sweets and snacks for all the resource persons c. M/s.Haribhavanam Hotels towards food expenses to all the resource persons d. M/s. Sree Annapoorna Sree Gowrishankar towards Coffee for the resource persons e. M/s. Ratnaa Shree Anandhaas towards food expenses for resource persons f. M/s. Ratnaa Shree Anandhaas towards food expenses for resource persons g. M/s. Ratnaa Shree Anandhaas towards food expenses for resource persons M/s. MAP Travels for local transport of resource persons	2,171.00 ✓ 1,300.00 ✓ 1,943.00 ✓ 122.00 ✓ 508.00 ✓ 257.00 ✓ 1,393.00 ✓ <b>11,000.00</b> ✓
	b. Local transport	<b>Total</b>	<b>18,694.00</b> ✓
6.	Travel expenses for resource persons Rs.37,500	a Dr.D.N.Rao ✓ b. Dr.K.Veluthambi ✓ c. Dr.Deepak Saini ✓ d.Dr.Ravi Sundaresan ✓ e. Dr.Balaji Jayaprakash ✓ f. Dr.Anju Chadha ✓ g. Dr.Sandeep Easwarappa ✓ Services charges (MAP Travels)	3,053.00 ✓ 1,111.00 ✓ 3,053.00 ✓ 3,053.00 ✓ 3,087.50 ✓ 3,437.00 ✓ 3,087.50 ✓ 1,500.00 ✓ <b>Total</b>
7.	Miscellaneous Photographs, postage, batteries etc. Rs.10,000	a. M/s. R.Kanaga (Photo and videographers) towards Photography b. M/s. Kalaimagal Traders for purchase of color papers c. Southers Railway, Coimbatore towards car parking charges d. M/s. KMCH Canteen towards purchase of mineral water for the resource persons e. M/s. S Prints Digital Press towards color printing of programme schedule and attendance certificate f. M/s. S Prints Digital Press towards purchase of A4 sheets f. Dr.N.Kannikaparameswari towards purchase of decorative items (Inaugural function)	5,100.00 ✓ 130.00 ✓ 130.00 ✓ 500.00 ✓ 2,700.00 ✓ 190.00 ✓ 400.00 ✓ <b>Total</b>
		<b>Total</b>	<b>9,150.00</b> ✓

Total Sanctioned amount : Rs.1,53,750  
First installment released : Rs.1,15,300

Total amount spent : 1,54,050 ✓

Finance Controller  
For Dr. N.G.P. Arts & Science College,  
Sundaresan, B.Sc., A.C.A.,  
Finance Controller.

