

Report on International Workshop on “DNA Damage and Repair in Human health Scientific Breakthrough in Indian Context”

Title of the Event	DNA Damage and Repair in Human health Scientific Breakthrough in the Indian Context
Date and Duration	25 <sup>th</sup> July 2022, 01 day
Name of the Department	Department of Applied Zoology
Brief Report	<p>Mangalore University, Department of Applied Zoology Organised an International Workshop on “<b>DNA Damage and Repair in Human health Scientific Breakthrough in Indian Context</b>” with the objective of</p> <ul style="list-style-type: none"> <li>• Spreading awareness among people about the harmful effects of DNA damage on the human body.</li> <li>• To fill us with the knowledge of an emerging biology field with various applications.</li> </ul> <p>The Guest <b>Dr. Muralidar L Hegde</b>, Professor and Director Division of DNA Repair Research HOUSTON METHODIST RESEARCH INSTITUTE, Texas inaugurated the program in the presence of the chief guest <b>Dr. K S Jagannath Rao</b> Pro Chancellor KL Deemed to be University, Vijayawada, <b>Prof P S Yadapadithaya</b> Hon’ble Vice Chancellor Mangalore University and Other professors of the Department.</p> <p><b>Campus Wildlife Video</b> was released by Prof P S Yedapadithaya Hon’ble Vice Chancellor Mangalore University.</p> <p>Presidential speech by Prof P S Yedapadithaya, spoke about his interest in DNA damage repair being a Human resource person. The importance of collaborative research, patent, genome instability and the importance of today’s life. Gave tips to maintain the human system "Predictive, preventive, and protective maintenance of the human system is important".</p> <p><b>Dr. Mohammed S Mustak</b>, Convener &amp; Chairman, Department of Applied Zoology spoke about the importance of the topic DNA damage and its current applications to society. Enlightened about the development of scientific research in India, in his welcome speech.</p>

	<p><b>Session 1:</b>  <b>Dr. Muralidhar L Hegde</b> gave an inaugural speech and explained the causes of DNA damage and its effect on human health. And further in his session spoke about 'A NEW ERA OF DNA REPAIR MECHANISMS MECHANISMS-BASED THERAPEUTICS FOR AGEING AND NEUROLOGICAL DISORDERS-BRAIN HEALTH' in which he mentioned about future of the field (he said "next 20-30 years will be the Era of brain research ")</p> <p><b>Session 2:</b>  <b>Dr. K. S. Jagannatha Rao</b> virtually presented the talk on the topic: 'STUDIES ON CONFORMATIONAL CHANGES OF DNA DYNAMICS IN NEURODEGENERATIVE DISORDERS in which he spoke about the causes of neurodegenerative diseases, and its current progress. Mentioned the Indian Researchers who gave major contributions to the field. Also gave information regarding stress management and how a positive mind-set can improve brain health.</p> <p><b>Session 3:</b>  The final semester M.Sc students conducted a photo quiz on biological Sciences for Undergraduate and Post Graduate Students. Quiz master <b>Mr. Keith</b>, 2nd year M.Sc student. 26 teams from different colleges and departments were present. Later Cultural program was carried out by M.Sc Zoology students.</p> <p>In the valedictory, Dr. Muralidhar L Hegde distributed Prizes to Photo-Quiz winners and the program ended with the National anthem.</p>
Number of students	508
Number of lecturers/research scholars	42
Total number of participants in the conference	550

## Attached documents

**MANGALORE UNIVERSITY**  
NAAC Accredited

On the occasion of Azadi Ka Amrit Mahotsav  
Celebrating 75 years of India's Independence

**DEPARTMENT OF APPLIED ZOOLOGY**

Cordially invites you to the Inauguration of

**INTERNATIONAL LECTURE WORKSHOP**  
On  
**DNA Damage and Repair in Human health**  
Scientific breakthrough in Indian context

**Dr. Muralidhar L. Hegde**  
Professor, Houston Methodist Research Institute, Texas, USA  
will inaugurate

**Dr. K S Jagannatha Rao**  
Pro-Chancellor, KL Deemed to be University, Vijayawada  
will be Chief Guest

**Prof. P. Subramanya Yadapadithaya**  
Hon'ble Vice Chancellor, Mangalore University  
will Preside

On Monday, 25th July 2022 | Time: 9:30 AM  
Venue: Mangala Auditorium

**Dr. Mohammed S. Mustak**      **Dr. Kishore Kumar C.K.**  
Convener & Chairman      Registrar, Mangalore University

**MANGALORE UNIVERSITY**  
DEPARTMENT OF APPLIED ZOOLOGY

**INTERNATIONAL LECTURE WORKSHOP**  
On  
**DNA Damage and Repair in Human health**  
Scientific breakthrough in Indian context

Date: 25 JULY 2022    Time: 9:30 a.m. to 5:30 p.m.  
Venue: Mangala Auditorium

**PROGRAMME**  
Monday, 25 July 2022

09:00 - 09:30	Registration and Reception		
09:30 - 10:15	Inaugural Programme		
10:15 - 10:30	Tea / Coffee Break		
	Lecture	Speaker	Topic
10:30 - 12:00	1	 Dr. Muralidhar L. Hegde Professor & Director, Division of DNA Repair Research, Houston Methodist Research Institute, Texas, USA	- A new era of DNA Repair mechanisms-based Therapeutics for Ageing and Neurological Disorders: Brain Health
12:00 - 13:30	2	 Dr. K S Jagannatha Rao Pro-Chancellor, KL Deemed to be University, Vijayawada	- DNA helix and dynamics Studies from India: Challenges and excitements
13:30 - 14:00	Lunch Break		
14:00 - 16:30	Inter-Collegiate and Inter-Departmental <b>Photo Quiz</b> on Biological Sciences		
16:30 - 16:45	Cultural Programme		
	Valedictory Programme		



## Inauguration and Keynote Address



## Session 01 by Dr. Muralidhar L Hegde



## Session 02 virtual talk by Dr. K S Jagannatha Rao





### Session 03: Photo-Quiz on Biological Science



### Cultural Event by M.Sc Zoology Students



**MANGALORE UNIVERSITY**  
Mangalagangothri, Mangaluru-574199  
**Department of Applied Zoology**  
**REGISTRATION FORM**  
International Lecture Workshop on  
**DNA Damage and Repair in Human Health-Scientific Breakthrough in Indian context**

Sl. No	Name	Designation Staff/ students	Department & Institution	Contact No.	Email Address	Signature
17	Arin BABU	Student	Yashrajya research centre	972191065	karananandam2001@gmail.com	[Signature]
18	Parvathamma Kanale	Student	"	915203932	Parvathamma2021@gmail.com	[Signature]
19	Mayorei Sathy	Student	"	871824789	mayorei.sathy@gmail.com	[Signature]
20	Manasa EL	Student	Alva college, Msc Zoology	70322206	manasalel@gmail.com	[Signature]
21	Rubathla R Anin	Student	Alva college, MSc Zoology	767670704	kannanmishra2001@gmail.com	[Signature]
22	Sahana J	Student	Alva college, M.Sc Zoology	767670704	ahsanah2021@gmail.com	[Signature]
23	Saibha G Sahanya	Student	Alva college, MSc Zoology	897271032	saibhagandhale2021@gmail.com	[Signature]
24	Manasi Gauri J	Student	Alva college, MSc Zoology	897271032	manasigauri2021@gmail.com	[Signature]
25	Nousha Bhanu	Faculty	MU's college, Mangalore	71133400	nousha.bhanu@gmail.com	[Signature]
26	Sudhama H.S.M	Student	Kuvempu university, Zooloogy	35118242	Smsudhama20@gmail.com	[Signature]
27	H.S Subodh	Student	Kuvempu university, Zooloogy	49800244	subodhhs20@gmail.com	[Signature]
28	SUBATHY T.K	Student	Kuvempu university, Zooloogy	76633024	subathyt20@gmail.com	[Signature]
29	Thangaja K.	Student	Kuvempu university, Botany	914523501	Thangaja19@gmail.com	[Signature]
30	Ms Shobha Kudreri	Faculty	Sri Bhuvanendra college, Davangere	984973624	Shobha2021@gmail.com	[Signature]
31	Pallavi S	Student	Kuvempu university, Botany	914523501	Pallavi19@gmail.com	[Signature]
32	Sonjay Potil G.P	Student	Kuvempu university, Zoology	914523501	Sonjay19@gmail.com	[Signature]
33	Dr. Ashwini J	Faculty	Zeevanga Dental college	807211883	ashwinij20@gmail.com	[Signature]
34	Dr. Nileshkumar	Faculty	AB Shetty dental college	939325597	nileshkumar2021@gmail.com	[Signature]
35	Manisha Bhaty	Student	Mangalore University	871153577	manishabhaty@gmail.com	[Signature]
36	Sarini M. R.	Student	Mangalore University	951385701	sarinamr21@gmail.com	[Signature]

Sl. No	Name	Designation Staff/ students	Department & Institution	Contact No.	Email Address	Signature
1	G. Arpitha G.P	Student	Department of Applied Zoology	984540404	arpitha2021@gmail.com	[Signature]
2	Anupama K.G	Student	Department of Applied Zoology	936124262	anupamag55@gmail.com	[Signature]
3	Geethakrishna H.O	Student	"	47605926	geethakrishna19@gmail.com	[Signature]
4	Atarisha Acharya	Student	Department of Applied Zoology	761493492	acharyaatrisha@gmail.com	[Signature]
5	Sruvathika	Student	Dept. of Applied Zoology	749153793	sruvathika2021@gmail.com	[Signature]
6	Manjushree B.G	Student	"	76634655	manjushree20@gmail.com	[Signature]
7	Sandesh Bhat P	Student	"	948202382	sandeshp20@gmail.com	[Signature]
8	Sandesh S	Student	"	916442117	sandesh.s.bhat20@gmail.com	[Signature]
9	Bhavana Komara GE	Student	"	636107468	bhavanakomara20@gmail.com	[Signature]
10	Sudhanshu Pali	Student	Dept. of Applied Zoology	828307148	sudhanshu2021@gmail.com	[Signature]
11	Kavya Subramanyam	Student	"	827424482	kavyasubramanyam20@gmail.com	[Signature]
12	Pallavi	Student	"	903554727	pallavi.pallavi.papp@gmail.com	[Signature]
13	Seena	Student	"	938383194	seena2021@gmail.com	[Signature]
14	Narsha	Student	"	745328454	narsha2021@gmail.com	[Signature]
15	Komalasayana	Student	"	752756948	komalasayana2021@gmail.com	[Signature]
16	Vijayalakshmi	Student	Dept. of Applied Zoology	961827651	vijayalakshmi20@gmail.com	[Signature]
17	Amritha Kujaje	Student	"	"	"	[Signature]
18	Sudhitha	Student	"	"	"	[Signature]
19	Sunayana	Student	"	924169232	sudhitha2021@gmail.com	[Signature]
20	Ritha	Student	"	116299007	ritha2021@gmail.com	[Signature]
21	Nandana	Student	"	914028213	nandana2021@gmail.com	[Signature]

**Department of Applied Zoology**  
Mangalagangothri, Mangaluru-574199  
**REGISTRATION FORM**  
International Lecture Workshop on  
**DNA Damage and Repair in Human Health-Scientific Breakthrough in Indian context**

Sl. No	Name	Designation Staff/ students	Department & Institution	Contact No.	Email Address	Signature
1	Shreetha	Student	Department of Biosciences	807206335	shreethakanna@gmail.com	[Signature]
2	Dheekha S Rao	Student	Department of Biosciences	741190324	deshikha2020@gmail.com	[Signature]
3	Sushmita	Student	"	901944028	sushmita19@gmail.com	[Signature]
4	Shubhika Koushan	Student	"	636176967	shubhika2021@gmail.com	[Signature]
5	Loharaj G	Student	Department of Botany	90605229	lohajay1992@gmail.com	[Signature]
6	Lakshya S Gowth	Student	Department of Biosciences (Biology)	32992248	lakshyagowth@gmail.com	[Signature]
7	Sarini Kallamma	Student	Department of Biosciences (FSN)	768973442	sarini2021@gmail.com	[Signature]
8	Ashwath	Student	Dept. of Bioscience (FSN)	834028539	ashwath2020@gmail.com	[Signature]
9	Prathika	Student	Dept. of Bioscience (FSN)	63049240	prathika2021@gmail.com	[Signature]
10	Pooja N. Dethy	Student	Dept. of Bioscience (Biochem)	82171711	deethypooja2020@gmail.com	[Signature]
11	Ashika P M	Student	Dept. of Biosciences	872151930	ashika2021@gmail.com	[Signature]
12	Pooja Kumari	Student	Dept. of Biosciences (CVS)	662798919	poojakumari2021@gmail.com	[Signature]
13	Shraddha	Student	Dept. of Bioscience (Biochemistry)	92024452	shraddha2021@gmail.com	[Signature]
14	Tharunya	Student	Dept. of Bioscience (Micro)	765532402	tharunya2021@gmail.com	[Signature]
15	Dakshika	Student	Dept. of Bioscience (Biochemistry)	779385012	dakshika2021@gmail.com	[Signature]
16	M.C. Ashwath	Student	Dept. of Bioscience (Micro)	71827242	ashwathm2021@gmail.com	[Signature]

Sl. No	Name	Designation Staff/ students	Department & Institution	Contact No.	Email Address	Signature
17	Arin BABU	Student	Yashrajya research centre	972191065	karananandam2001@gmail.com	[Signature]
18	Parvathamma Kanale	Student	"	915203932	Parvathamma2021@gmail.com	[Signature]
19	Mayorei Sathy	Student	"	871824789	mayorei.sathy@gmail.com	[Signature]
20	Manasa EL	Student	Alva college, Msc Zoology	70322206	manasalel@gmail.com	[Signature]
21	Rubathla R Anin	Student	Alva college, MSc Zoology	767670704	kannanmishra2001@gmail.com	[Signature]
22	Sahana J	Student	Alva college, M.Sc Zoology	767670704	ahsanah2021@gmail.com	[Signature]
23	Saibha G Sahanya	Student	Alva college, MSc Zoology	897271032	saibhagandhale2021@gmail.com	[Signature]
24	Manasi Gauri J	Student	Alva college, MSc Zoology	897271032	manasigauri2021@gmail.com	[Signature]
25	Nousha Bhanu	Faculty	MU's college, Mangalore	71133400	nousha.bhanu@gmail.com	[Signature]
26	Sudhama H.S.M	Student	Kuvempu university, Zooloogy	35118242	Smsudhama20@gmail.com	[Signature]
27	H.S Subodh	Student	Kuvempu university, Zooloogy	49800244	subodhhs20@gmail.com	[Signature]
28	SUBATHY T.K	Student	Kuvempu university, Zooloogy	76633024	subathyt20@gmail.com	[Signature]
29	Thangaja K.	Student	Kuvempu university, Botany	914523501	Thangaja19@gmail.com	[Signature]
30	Ms Shobha Kudreri	Faculty	Sri Bhuvanendra college, Davangere	984973624	Shobha2021@gmail.com	[Signature]
31	Pallavi S	Student	Kuvempu university, Botany	914523501	Pallavi19@gmail.com	[Signature]
32	Sonjay Potil G.P	Student	Kuvempu university, Zoology	914523501	Sonjay19@gmail.com	[Signature]
33	Dr. Ashwini J	Faculty	Zeevanga Dental college	807211883	ashwinij20@gmail.com	[Signature]
34	Dr. Nileshkumar	Faculty	AB Shetty dental college	939325597	nileshkumar2021@gmail.com	[Signature]
35	Manisha Bhaty	Student	Mangalore University	871153577	manishabhaty@gmail.com	[Signature]
36	Sarini M. R.	Student	Mangalore University	951385701	sarinamr21@gmail.com	[Signature]

**MANGALORE UNIVERSITY**  
Mangalagangothri, Mangaluru-574199  
**Department of Applied Zoology**  
**Participation Certificate**

This is to certify that Dr./Mr./Ms. .... of  
..... has participated in the International  
Lecture Workshop on **"DNA Damage and Repair in Human Health  
Scientific Breakthrough in Indian Context"** on 25<sup>th</sup> July 2022.

**Dr. Mohammed S Mustak**  
Convener & Chairperson

**Dr. Kishore Kumar C K**  
Registrar, Mangalore University

**MANGALORE UNIVERSITY**  
Mangalagangothri, Mangaluru-574199  
**Department of Applied Zoology**  
**Participation Certificate**

This is to certify that Dr./Mr./Ms. .... of  
..... has participated in the International  
Lecture Workshop on **"DNA Damage and Repair in Human Health  
Scientific Breakthrough in Indian Context"** on 25<sup>th</sup> July 2022.

**Dr. Mohammed S Mustak**  
Convener & Chairperson

**Dr. Kishore Kumar C K**  
Registrar, Mangalore University

**Attendance/Registration Details & Certificate**