

Biology Association



ACTIVITY REPORT

Session: 2021-22

Dyal Singh College, Karnal



Our Motto

Gather Ye The Wisdom of The East & The West

Our Vision

Excellence is a journey, not an end...

Our Mission ...

- To create quality human resource by developing the innate talents of our students.
- To provide conducive environment for holistic development of personality and improve the overall academic performance.
- To inculcate the spirit of Secularism, Nationalism, Communal Harmony & Rationalism.
- To inculcate discipline as a value system, and motivate youth to render service to the society at large.

OUR GENESIS ...

Our genesis lies in the last Will and Testament of our illustrious founder Sardar Dyal Singh Majithia, a great patriot and one of the pioneers of the Indian Renaissance. In accordance with his Will, Dyal Singh College was established on May 3, 1910 at Lahore, with avowed aim that the college "shall in all respects be a thoroughly efficient non-denominational college... teaching up to the highest standards... and looking after the mental well-being of the pupils on its rolls"

Late Dewan Anand Kumar, a great visionary, the Founder Member of the University Grants Commission of India and the Founder Vice Chancellor of Punjab University, Chandigarh, worked tirelessly to re-establish Dyal Singh College at Karnal on September 16, 1949. Ever since, the college has been guided by a galaxy of extremely learned and experienced members of Trust who have taken keen interest in its overall growth and development. Today, the college is recognised as a premier co-educational institution of higher learning duly re-accredited with Grade 'A' by NAAC (September 2017). The college holds strength of more than 3100 students from both rural and urban areas. It offers diverse programmes and courses in Humanities, Science, Commerce, and Computer Science with Post Graduate courses in English, Hindi, Political Science, Commerce, Chemistry and 5 Year integrated M.Sc. in Forensic Science, with Honours Programmes in the Subjects of English, Economics, Political Science and B.Com. We also run employment generating Add-on courses in the subjects of Bio-informatics, Computational Physics and Web Designing. The college takes pride in organising various co-curricular activities through NCC (Army & Air Wings), NSS (Three Units), Sports, Youth Red Cross, Red Ribbon Club, Youth Welfare and Cultural Affairs, Women Development Centre, Institution's Innovation Council and Subject Associations for the holistic development of the students. The Placement Cell helps outgoing students to explore and achieve job-internships, research, and entrepreneurship skills.

The college has honed the skills of many young men & women, who have excelled in diverse fields such as Judiciary, Armed Forces, Para Military, Civil Services, Medicines, Sports, Politics, Business Management, Education Sector, and Social Service and more. To name a few, Late Dr. Kalpana Chawla – Astronaut (NASA), Sh. Ankur Gupta – IAS, Ms. Ruby Adhikari – IAS, Sh. Navdeep Virk - IPS, Justice R.K. Chauhan – Addl. Session Judge, Delhi, Former Justice Virender Singh, Major General Mohabbat Singh Virk (Retd.), Sh. Harvinder Kalyan MLA, Sh. H.S. Chatha – Former Finance Minister, Haryana and Sh. Navdeep Saini– Cricketer, Dr. Dinesh Kumar, Geophysicist, KUK, and the list goes on.



THE FOUNDER

SARDAR DYAL SINGH MAJITHIA

(1848-1898)

*The great philanthropist,
social reformer and one
among the Pioneers of
Indian Renaissance*

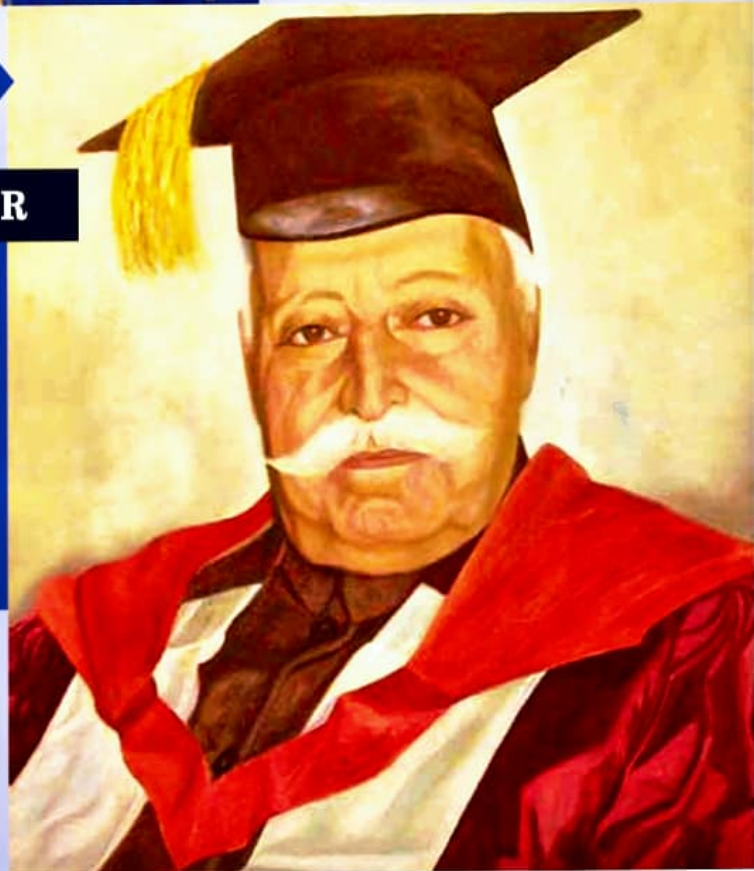


DEWAN ANAND KUMAR

(1894-1981)

The Light that Guided us

*The visionary who
re-established
Dyal Singh College
at Karnal on Sept. 16, 1949*



BIOLOGY ASSOCIATION

President: Dr. Shweta Yadav

Co-President: Dr. Aditi Shreeya Bali

The Biology Association conducted various events and activities in the session 2021-22.

1. Gaurav Tanwar and Yashasvi Chauhan of B.Sc. Vth Semester (Medical) participated in Science Exhibition held at Government College, Matlauda on 30.11.2021 and presented their model on the topic, Mushroom Cultivation.
2. Drishty and Itika of B.Sc. Vth Semester (Medical) participated in Science Exhibition held at Government College, Matlauda on 30.11.2021 and presenter their model on the topic, How we Sense our Physical World.
3. Jyoti Rana of Integrated M.Sc. Vth Semester (Forensic Science) participated in State Level Speech Competition held at Pt. Chirangi Lal Sharma Govt. College, Sector-14, Karnal, on 08.12.2021 and got Consolation Prize.
4. Five students of B.Sc IIIrd and Vth Semester visited ICAR-Sugarcane Breeding Institute, Regional Centre, Karnal as a part of student exposure visit on 24.12.2021.
5. In order to spread awareness about wildlife among students, Inter-College Wildlife Photography Competition was conducted from 16.12.2021 to 31.01.2022. Gunjan Dahiya, and Amrit Kaur, our college secured First and Second Positions.
6. Inter-College Essay Writing Competition was conducted from 16.12.2021 to 31.01.2022 to inculcate scientific writing skills among students. 32 students from various colleges participated.

Result of Inter-College Essay Writing Competition

Position	Name	College
First	Ms. Shweta Shukla	G.V.M Girls College, Sonipat
Second	Ms. Sonam	Hindu College, Sonipat
Third	Ms. Meghna	Dyal Singh College, Karnal

7. Intra-College Science Poster was held on 20.01.2021-23.01.2021 and Komal Rana stood First. Top three students participated in the University Level Competition at the Science Cranival-2022 organised by Kurukshetra University, Kurukshetra.
8. Intra-College Science Quiz was held on 20.01.2021. 26 students participated and Muskan, Mansi and Rashi bagged First, Second and Third positions. They further participated in the University Level Quiz at the Science Cranival-2022 organised by Kurukshetra University, Kurukshetra.
9. On the occasion of World Cancer Day, a National Webinar on Cancer titled **Know it to Minimise the Risk** was jointly organized by the Biology Associations of I.B. (P.G.) College, Panipat and Dyal Singh College, Karnal on 4.2.2022 to spread awareness about cancer and minimising its risk. **Dr. Richa Gupta**, Assistant Professor, Department of Anatomy, PGIMER, Chandigarh was the speaker. The webinar was attended by 117 participants.
10. A National Webinar on **Biotechnology & Human Welfare 2022** was jointly organized by the Biology

Associations of I.B. (P.G.) College, Panipat and Dyal Singh College, Karnal on 8.2.2022 to inculcate research interests among students in the field of biotechnology. **Dr. Pooja Sharma**, Assistant Professor, Department of Biotechnology, MMDU-Mullana (Ambala) and **Dr. Anil K. Sharma**, Head and Professor, Department of Biotechnology, MMDU-Mullana (Ambala) were the speakers. The webinar was attended by 80 participants.

11. On the occasion of International Day for Women and Girls in Science a National Webinar on **Discovering the Path of Women in Science** was jointly organized by the Biology Associations of Dyal Singh College, Karnal and I.B. (P.G.) College, Panipat on 11.2.2022 to encourage girls to carry research in the field of science. **Dr. Reeta Rasaily**, Former Head and Scientist - G, Division of Reproductive Biology, Maternal & Child Health & Nutrition, Indian Council of Medical Research, New Delhi and **Dr. Gurpreet Kaur**, Scientist – F Defense Institute of Psychological Research (DIPR), Defense Research & Development Organization, Ministry of Defense, Delhi delivered the talk. The webinar was attended by 321 participants.
12. Three students Himanshu, Preeti and Mahak of B.Sc Medical got selected for Indian Knowledge System of MoE. They conducted research for the duration of two months under their respective mentors selected by the Ministry.

SNo	Name of the Student	Class	Name of the Mentor
1.	Himanshu	B.Sc Biotech 2 nd Sem	Dr. MN Balakrishnan Nair
2.	Preeti	B.Sc Med. 6 th Sem	Dr. Ashwini Godbole
3.	Mahak	B.Sc Med. 6 th Sem	Dr. Paritosh Bhatt

13. Himanshu of BSc Biotech 2nd Semester and Preeti of BSc Med. 6th Semester participated in Inter College Idea Presentation Competition at P.I.E.T, Panipat on 28.2.2022 and won 2nd position. They presented their idea on **Nano Manure to solve Future Problems**.
14. **29th Dewan Anand Kumar Memorial Quiz Contest on Environment** was organized by Biology Association and Environment Club of our college. **Dr. Ranbir Singh Bisla**, Joint Director and Principal Scientist (Veterinary Surgery), Regional Centre, LUVAS, Karnal acted as the chief guest for the event. A total of 12 teams participated in the quiz competition and 6 teams got shortlisted for the Main Quiz after written screening. Dr Shweta Yadav acted as the Quiz Host.

Result of Quiz Contest on Environment

Position	College
First Prize	GVMG College, Sonipat
Second Prize	Dyal Singh College, Karnal
Third Prize	MLN College, Yamunanagar

15. **29th Dewan Anand Kumar Memorial Poster Making Competition** was organized by Biology Association and Environment Club of our college. **Dr. Ranbir Singh Bisla**, acted as the chief guest for the event. A total of 24 students participated in the competition. Dr. Sanjeev Sharma and Dr. Renu Tanwar were the Judges.

Result of Poster Making Competition

Position	Name	College
First	Ms. Devanshi Arora	Dyal Singh College, Karnal
Second	Ms. Prerna	Dyal Singh College, Karnal
Third	Ms. Meghna	KVADAV College for Women, Karnal

16. A wildlife The Biology Association and the Women Development Cell of our college jointly organised a workshop on Prevention of Breast Cancer through Self-examination for the female faculty members and girl students of the college on 26.5.2022. **Dr. Vineeta Goel**, Director and Head of the Department of Radiation Oncology and **Dr. Shubha Garg**, Consultant Surgical Oncology, Fortis Hospital, Shalimar Bagh, Delhi were the resource persons for the day. The two cancer specialists explained the techniques of self-examination which one can use to detect the early signs of breast cancer through live-demonstrations. They enlightened the audience on the common signs and symptoms of breast cancer and measures to prevent the occurrence of cervical cancer. The workshop was attended by over a hundred participants.

17. Shalini of B.Sc Med. 4th Semester participated in Declamation Contest at SNRL Jairam College, Lohar Majra on 3.6.2022 and secured Second Position.

DEWAN ANAND KUMAR MEMORIAL STATE LEVEL QUIZ CONTEST ON ENVIRONMENT



BIOLOGY ASSOCIATION





Biology Association

**DYAL SINGH COLLEGE,
KARNAL
HARYANA-132001**