



# ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR(M.P.)

Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)

College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.



15th AUGUST

## IQAC NEWS LETTER

Volume V Issue II

### **EDITORIAL**

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*"Education is the passport to the future, for tomorrow belongs to those who prepare for it today."*

—Malcolm X



I feel delighted and proud to release this issue of IQAC newsletter which speaks of the efforts taken by the faculty and students of the college for continuing the journey of innovative teaching and learning. Using technology for education, provokes student's curiosity, boosts their engagement, and leads to better learning and comprehension.

Irrespective of several challenges associated with the digital world, Aloysians were constantly engaged in various academic as well as co-curricular and extracurricular activities as demanded for holistic development of a student. I appreciate the hardwork of the IQAC and its commendable effort in promoting and sustaining quality within the campus and congratulate the members on the publication of this newsletter.

**Rev. Dr. G. Vazhan Arasu**

## IQAC INITIATIVES

- ✓ MOU
- ✓ R & D INITIATIVES
- ✓ STUDENT EXCHANGE PROGRAM
- ✓ WEBINARS ORGANIZED
- ✓ FDP/SEMINARS ORGANISED
- ✓ PLACEMENT CELL
- ✓ DBT STAR COLLEGE SCHEME



## ABSOLUTE FEBRUARY 2022

- 1<sup>st</sup>February**-One day Seminar on the topic “Vermicomposting as an Ecotool in Sustainable Solid Waste Management” sponsored by DBT Star College Scheme, organized by Department of Zoology
- 3<sup>rd</sup>February**-Skill Enhancement Program on "Alandits Application" conducted by Department of Computer Science
- 4<sup>th</sup>February**- Guest Lecture on “Recent Trends in Breast Cancer Research “by Ms. Pallavi Kulkarni, AIIMS, Bhopal organized by Department of Biotechnology
- 5<sup>th</sup>-21<sup>st</sup>February**-Certificate Course on “Instrumentation and Analytical Techniques” conducted by Department of Chemistry
- 5<sup>th</sup>February**-Department of commerce in collaboration with Department of Economics conducted Virtual panel discussion on budget 2022-23. The Members of the panel were Dr. Shailesh Choubey, Director, UIM, RDVV, Jabalpur, Dr. Gopal Chandra Mondal, CFO, IDFC Foundation and Prof. Ashwani Mahajan, Department of Economics, PGDAV College DU More than 170 participants were benefitted from the event.
- 8<sup>th</sup>February**-The College team participated in Kho-Kho Interdistrict (Men/women) tournament and Jabalpur (Men/women) in which Jabalpur was the winner.
- 9<sup>th</sup>February**-Speech competition on “Women Empowerment in India” was organized by Women Cell and NSS in collaboration with Nehru Yuva Kendra, Jabalpur
- 15<sup>th</sup>February**- National webinar on “Corporate World in the New Normal” organized by Department of Management in collaboration with Pune Institute of Business Management, An industrial visit for the undergraduate students to Kareli Sugar Mills by Department of Chemistry
- 17<sup>th</sup>February**-National webinar on “Awareness of Intellectual Property Rights for Striving Minds” by Dr. Ajay S Thakur, NIPAM, Patent Office, Mumbai organized by Research and Development Center and IIC
- 18<sup>th</sup>-19<sup>th</sup>February**-Two days Training Program on “Website Design” for girl students organized by Women Cell in collaboration with Department of Computer Science
- 19<sup>th</sup> – 20<sup>th</sup> February** – An Educational Excursion to Bandhavgarh Tiger Reserve was conducted for UG Students by Department of Zoology under DBT star college scheme
- 20<sup>th</sup>-23<sup>rd</sup>February**-26 cadets have attended the Combined Annual Training Camp XI Conducted by 2 MP NAVAL UNIT NCC Jabalpur at Vidhya Nagar GCF Estate, Jabalpur
- 21<sup>st</sup>-26<sup>th</sup>February**-The Department of Hindi conducted Hindi classes for the Hindi Nonspeaking students
- 20<sup>th</sup>-23<sup>rd</sup>February**-2MP Naval Unit NCC Jabalpur at Vidya Nagar GCF state conducted by Naval Wing the CATC Cadre Camp XI
- 23<sup>rd</sup>February**-Poster competition on “To Spread the Awareness on Importance of Voting” under the banner of Electoral Literacy Club organized by Department of Political Science. An educational visit to Bargi Dam Power Plant organized by Department of Physics.
- 27<sup>th</sup>February**- “Biotechotsav” on the occasion of National Science Day organized by Department of Biotechnology
- 28<sup>th</sup>February**-Poster making and Best Out of Waste Competition, under DBT star college scheme organized by Department of Botany and Microbiology in association with Nature Club. The theme of the poster competition was – “Plan for the future-On the occasion of National Science Day Department of Zoology under DBT star college scheme organized Biorangoli under the theme Animal Human Relationship poster competition on Save Wildlife and Health awareness program for girl students.

## SENSATIONAL MARCH 2022

- 2<sup>nd</sup> March**-Guest Lecture on "Identification of Fungal Culture" by Dr. Rohit Sharma, SAGE University organized by Department of Botany
- 3<sup>rd</sup> March**-An interaction session with alumnus Aman Khushwaha, CSIR-NEERI, Nagpur conducted by Department of Botany under Advisory Committee meeting of Star Scheme
- 3<sup>th</sup>-10<sup>th</sup> March**- DIC conducted Internship for 17 students from Govt. M.H. College of Home Science and Science, Jabalpur on "Hydroponics and Plant Tissue Culture"
- 4<sup>th</sup> March**-Guest Lecture on Research Methodology in Research Studies by Dr. Shreeja Tripathi Sharma conducted by Department of English. An industrial trip to John Deere, Maneri, Jabalpur for the students of BBA III Year organized by Department of Management
- 4<sup>th</sup>-17<sup>th</sup> March**-15 days Training Program on "Martial Arts" for girl's students in collaboration with NSS organized by Women Cell
- 5<sup>th</sup> March**- Youth Parliament in collaboration with Pt. Kunjilal Dubey Rashtriya Sansadiya Vidapeetha, Bhopal organized by Department of Political Science
- 7<sup>th</sup>-13<sup>th</sup> March**- "AMA Saturnalia-2022", A 7-day extravaganza by Department of Management under the banner of the Aloysian Management Association
- 7<sup>th</sup>-10<sup>th</sup> March**-One student K. Sharatchandran bagged third prize in an Online National Inter College speech competition organized by Patna Women's College under three Day International Women's Fest"
- 9<sup>th</sup>-10<sup>th</sup> March**-Educational Trip for undergraduate students to National Center for Biological Sciences-Tata Institute of Fundamental Research (TIFR), Pachmarhi conducted by Department of Botany.
- 9<sup>th</sup>-11<sup>th</sup> March**-Offline sessions were conducted for Commerce students of US CMA of the college. The sessions were taken by Mr. Abhijit Sengupta CMA, Faculty Miles Education, Hyderabad.
- 9<sup>th</sup>-15<sup>th</sup> March**-SPSS workshop on "Research Methodology and Application of SPSS for Data Analysis" organized by Department of Economics.
- 10<sup>th</sup>-16<sup>th</sup> March**-Seven day special camp at Kosamghat Village, Jabalpur organized by NSS boys unit.
- 12<sup>th</sup>-13<sup>th</sup> March**-11 cadets have given the B Certificate Examination at Army Public School for Gorabazar, Jabalpur.
- 13<sup>th</sup> March**-The Department of Management released the second issue of AMA Review on the theme "The Role of Youth in the 5 Trillion Dollar Economy".
- 14<sup>th</sup> March**-The Department of Mathematics took math's classes for the 6<sup>th</sup>, 7<sup>th</sup> & 8<sup>th</sup> standards in Govt. Middle School, Kosamghat as a part of Social Responsibility
- 15<sup>th</sup> March**-Release of the College Newsletter "Aloysian Times Volume-II", on the Topic: Innovation Teaching Ideas in Classroom
- 17<sup>th</sup> March**- Educational trip to IISER, Bhopal for the UG students organized by Department of Biotechnology
- 21<sup>st</sup> March**-Training program on Bonsai Plants by Mrs. Manisha Dubey conducted by Department of Botany
- 21<sup>st</sup>-26<sup>th</sup> March**-Faculty Development Programmed on "Innovative Research Practices organized by Department of Botany
- 22<sup>nd</sup> March**- Guest Lecture for the PG students on "Generalized Barycentric Coordinates" organized by Department of Mathematics
- 22<sup>nd</sup> March-7<sup>th</sup> April**-Under International Collaboration with East Carolina University, USA, the Department of Commerce organized a certificate course in "Global Business" with partner country La Salle University Columbia
- 23<sup>rd</sup> March**-Wushu Inter-district College level tournament was organized by UTD, RDVV in which student representative won a Gold Medal.
- 24<sup>th</sup> March**- Newsletter "ZOOHUNT" released by Department of Zoology.
- 26<sup>th</sup> March**-The College was awarded the "New Code of Education Award-2022" powered by Wheebox and Technology Partner Microsoft and Entrall Tech under the category "Top Digital Enablers in Autonomous College category under innovation of learning"

## OPULENT APRIL 2022

- 2<sup>nd</sup> April**-Under“Puneet SagarAbhiyan”30 alumni cadets of Naval Wing (Boys) conducted a cleanliness drive on the bank of Narmada River at Bargi
- 4<sup>th</sup> April**-Power lifting Inter district College level competition was organized by UTD, RDVV in which the college got 2 Gold medals
- 5<sup>th</sup> April**- Newsletter“Pravah”released by Department of Political Science
- 12<sup>th</sup> April-18<sup>th</sup> May**: One cadet of Naval Wing (Boys) Sanskar Satish has been selected for Overseas Deployment Camp and will be going to 5 countries
- 27<sup>th</sup> April-1<sup>st</sup> May**:Students participated and won medals in “Khelo India University Archery Championship 2022” Shivansh Awasthi, Aditya Upadhyay and Chirag Vidhyarathi (Gold medal) Chirag Vidhyarathi and Muskan Kirar (Silver medal) Muskan Kirar (Bronze medal)
- 29<sup>th</sup> April**-Newsletter “Disha” was released by the Department of Chemistry

## NOBLE MAY 2022

- 4<sup>th</sup> May**-Dr.IllaiyarajaT., Collector, Jabalpur released a book titled “Role of e-Resources and Mind Mastering Strategies in Education” edited by Dr. G. Vazhan Arasu and Dr. Kiran Mishra
- 14<sup>th</sup> May**-Certificate and award money granted to 9students of DIC by AVENTURE Company (signed MOU) on the project “Less Water Irrigation”.

## DISTINCTIVE JUNE 2022

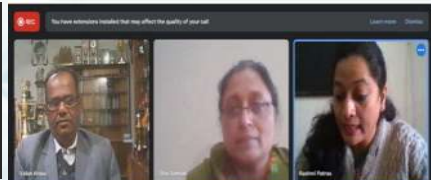
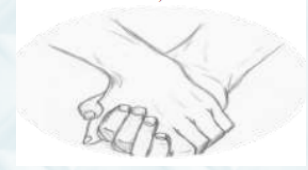
- 5<sup>th</sup> June**-World Environment Day was celebrated by Department of Zoology on the theme “Save Planet”. Tree plantation and poster competition program was organized.
- 8<sup>th</sup> June**-World Ocean Day Celebrated at St. Aloysius College Naval NCC Cadets Narmada Gwarighat, around 40 Cadets participated in Cleanliness Drive event.
- 21<sup>st</sup> June**-29 NCC Cadets Participated on the occasion of International Yoga Day celebration at Pandit Lajja Shankar Jha Model Higher Secondary School, Jabalpur
- 24<sup>th</sup> June**-The Department of Management released its third quarterly newsletter “The AMA Review”. The theme of the newsletter was “Social Media Marketing”.

## JESTING JULY 2022

- 12<sup>th</sup> July**- Indo-American Cultural Exchange Program conducted by Cultural Association
- 16<sup>th</sup> July**- A Workshop on Solving Business Case Studies “for B.Com II & III Year students organized by Department of Commerce more than100 students took active participation. Speaker of the session was Mr. Abhishek Agrawal, Director T.I.M.E Jabalpur. (Alumni of Indian School of Business, 10years of Experience).The Workshop aimed at enabling students to understand Real Business World Problem Solving and Decision making
- 23<sup>rd</sup> July**- A Student’s Startup Meet for Motivating Young students toward taking the innovative initiatives for encouraging startups has been organized by ED Cell, Department of Commerce in association with Jabalpur Incubation Center.

# COLLEGE ACTIVITIES 2021-22

## MEMORANDUM OF UNDERSTANDING INTERNATIONAL & NATIONAL



Southern Christian  
College, Philippines,

Societal Research  
Development Center, Near  
East University Nicosia, North  
Cyprus

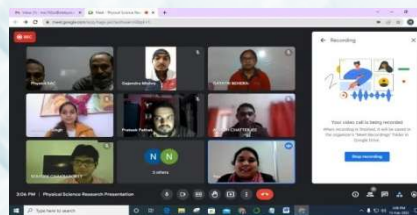
St. Claret College, Bengaluru, Karnataka

### Others:-

1. Universitas Sanata Dharma, Indonesia
2. Salesian College, Sonada, Darjeeling
3. St. Pious X Degree & PG College for Women, Hyderabad
4. Loyala College Secunderabad
5. Holy Cross College (Autonomous), Tiruchirappalli
6. St. Francis De Sales College, Nagpur
7. AVENTURA Company Mumbai and DIC, for working on the project of less water irrigation
8. St. Joseph's College, Tiruchirappalli
9. Jesus and Mary College, Delhi
10. Rajagiri College of Social Science, Kochi Kerala

## RESEARCH & DEVELOPMENT CELL

1. Research and Development centre organized Online Research presentation of PG Students was on 14th -15th Feb 2022. There were thirty students of Mathematics, Physics, Computer Science, Social Science and Commerce



2. **Valuation of Research Papers & Projects** - Nomination forms for best research paper and best research project from Teachers and students were called for the academic year 2021-22. Total 18 nominations were received for different categories, out of which 13 for best research project (Student), and 5 for best research publication (Teacher).

## NCC & NSS ACTIVITIES



### BRIEFS

#### 'Har Ghar Tiranga Abhiyan' celebrated at St Aloysius College

■ Staff Reporter

THE occasion of 75th Independence Day and 'Har Ghar Tiranga Abhiyan' was celebrated at St Aloysius College under the joint patronage of National Service Scheme and Nehru Yuva Kendra. The event was organised under the guidance of Principal, Dr. Father Valan Azeas and direction of Dr. Abhishek Shukla. The students remembered the great leaders, revolutionaries and other unsung heroes who offered ultimate sacrifices to snatch India's independence from the British. An awareness campaign was initiated within the campus in which the students are being apprised about the significance of National Flag and other aspects concerned with India's independence. Those who rendered their support in the programme include Atul Pandey from Nehru Yuva Kendra, Dr. Tuhina Johri, Dr. Rupali Ahluwalia and students including Soumya Patel, Shreya Mahesh, Shubhang, Kritika and others.



## VIRAT TIRANGA RALLY ORGANISED ON 13TH AUGUST 2022

### करे योग, रहें निरोग

जबलपुर, यशभारत। अन्तराष्ट्रीय योग दिवस के उपलक्ष्य में संत अलॉयसियस स्वशासी महाविद्यालय में योग दिवस का आयोजन किया गया। प्राचार्य फादर वलन अरास के निर्देशन में 200 छात्र-छात्राओं ने योग का लाभ उठाया। आयोजन पंतजलि विद्यापीठ से पंचारे योग गुरु किशोर कुमार साहू, ज्योति गुप्ता, डॉ गोपाल पटेल के संयोजन में आयोजित हुआ। कॉलेज कैम्पस में आयोजित कार्यक्रम में रासेयो एन.सी.सी., खेल विभाग की छात्र छात्राओं ने योग कर स्वास्थ्य लाभ उठाया। प्राध्यापकों में डॉ सोनल जैन, अभिलाषा शुक्ल, डॉ अखिलेश पाठक, सरोज जैन, डा हरीश दुबे, डॉ प्रतिभा दुबे का सहयोग प्राप्त हुआ। सोम्या पटेल, अनुश्री सिमरन, मनमयी श्रीकांत, साहिल, आदित्य, तेजस्वनी, यशा, खुशी, वैशाली व सृष्टि का सहयोग प्राप्त हुआ।



कारगिल विजय दिवस के अवसर पर सेंट अलॉयसियस कॉलेज जबलपुर में एनसीसी कैडेटों द्वारा स्वच्छता, पोस्टर मेकिंग, नशा मुक्ति पर शायर और भाषण प्रतियोगिता कार्यक्रम का आयोजन किया गया। इसमें एनसीसी कैडेटों ने भाग लिया। इसके साथ ही कैडेटों द्वारा कारगिल युद्ध के वीरों और उनकी प्रेरक कहानियों के बारे में भाषण लिखे गए। साथ ही युद्ध में शहीद हुए शहीदों को श्रद्धांजलि दी गई।



**Students performing Yoga - 8th International Yoga Day**

## World Ocean Day



Naval NCC Cadet Sanskar Satish Jain visited five countries- Oman, Eritrea, Djibouti, Egypt and Saudi Arabia as part of Overseas Deployment Camp 2022.

A cycle rally on 26<sup>th</sup> Feb 2022 was organized to spread awareness on cleanness among people

## SPORTS ACTIVITIES



Chirag Vidyarthi and Muskan Kirar won silver medal in Khelo India, Bengaluru 2022



Shivansh Awasthi and Aditya Upadhyay won gold medal, Chirag Vidyarthi won 1 gold and 1 Silver medal and Muskaan Kirar won 1 silver and 1 bronze medal at Khelo India University Archery Championship 2022.



Aditi Shrivastava won bronze medal in Wushu at All India University 2022

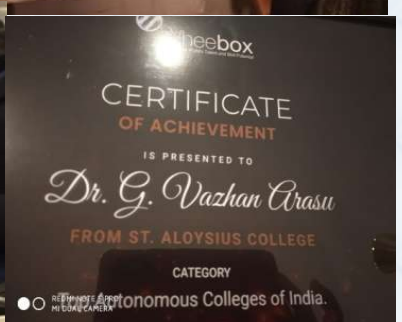


Muskan Kirar won Bronze Medal in Team Event in World Cup Stage 2 , 15<sup>th</sup> – 22<sup>nd</sup> May in Gwangju, Korea

# AWARD & RECOGNITION



ATAL Ranking – Government of India



**Wheebox New Code of Education 2022 Awards Winner St. Aloysius' College (Autonomous), Jabalpur. Under the Category of Top Autonomous College of India**



**Internshala Annual Rankings**



# STUDENT EXCHANGE PROGRAM

A student exchange program was organised on 12<sup>th</sup> July, 2022. 13 students from North America participated in this program.



Dr. Nilanjana Pathak addressed the American students on “Stereotype, Discrimination and Prejudicious in India”



Diverse culture – Exchange of cultural activities



Youth Festival 10<sup>th</sup> & 11<sup>th</sup> March 2022 –Robin Singh & Ashutosh Singh stood Second in the Quiz Competition on at State level. Pratham Kushwaha stood 3<sup>rd</sup> in state level music competition held at Chhatarpur. Ms. Pranjali Verulkar stood 1<sup>st</sup> in solo dance competition on 2<sup>nd</sup> & 3<sup>rd</sup> March 2022 at University level.

**संत अलॉयसियस महाविद्यालय**  
की होनहार छात्रा  
**इशिता विश्वकर्मा**  
द्वारा सोनी टीवी पर शानदार प्रदर्शन



## PLACEMENT CELL ACTIVITIES

### Placement Highlights of 2021-22



Vaishnavi Gupta (BBA)  
OS 3 Infotech



Ekta Saxena (BBA)  
Tech Mahindra



Shobhit Mishra (BCA)  
Infosys



Shruti Patel (B.Com CA)  
TCS



Mayank Rajak (B.Sc CS)  
Infosys



Kashish Chakrawarty  
(B.Sc CS)  
L&T Mind Tree



Ravi Bachwani (BA)  
NoBroker.com



Akshat Kanojia (B.Com Tax)  
Jaro Education



Jaideep Singh (MA, Eco)  
Yes Bank



Gaurav Sahni (B.Com)  
Jaro Eductaion



Akshat Mishra (B.Sc CS)  
Wipro



Vijaya Selot (BA)  
Byjus



Parkhi Gupta (BBA)  
Acadecraft Pvt. Ltd.



Sharan Singh Sandhu  
(B.Com CA)  
Whiteforce



Bhakti Jain (BBA)  
Jaro Education



Himanshu Dubey (B.Com)  
TCS



Tripti Yadav (B.Com)  
Byjus



Bhoomika Jaisinghani  
(B.Com)  
Jaro Education

“Doing the best at this moment puts you in the best place for the next moment.”

~ Oprah Winfrey~



# St. Aloysius' College (Autonomous)

Jabalpur, Madhya Pradesh, India

Reaccredited 'A+' by NAAC (CGPA 3.68/4.00)

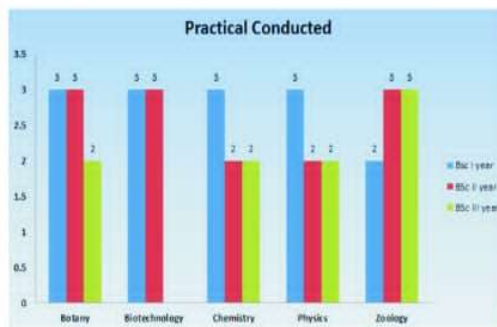
College with Potential for Excellence by UGC (IIR<sup>st</sup> Cycle)

DST-FIST Supported & Star College Scheme by DBT



## QUALITATIVE IMPROVEMENTS DUE TO DBT SUPPORT

### Enhancement in hands-on exposure of students by introduction of new practicals and projects



Such as -

- ❖ Study of green fluorescent protein tagged bacteria.
- ❖ Microscopic examination of various fungal isolates from infected food sample
- ❖ Gel Preparation and its anti microbial study.
- ❖ To determine the Plateau and optimal operating voltage of a GM Counter.
- ❖ Comparative analysis of short DNA sequences using PCR thermocycler

### Academic Infrastructural enhancement in departments



### Generation of scientific temper, aptitude and curiosity for 'out of the box' thinking

#### Certificate Courses Conducted - 03

- ❖ "Application of Chemistry in Everyday Life" (Nov, 22)
- ❖ "Instrumentation and Analytical Techniques" (Feb, 22)
- ❖ "Innovative Zoological Practices" (Feb, 22)

#### Outreach Activities - 05

- ❖ World Food day (23rd Oct, 21)
- ❖ Demonstrations on Basic Science Experiments (25th Feb, 22)
- ❖ World Environment Day (5th June, 22)
- ❖ Cancer Awareness Program (7th Feb, 22)

#### Other Activities Conducted - 12

- ❖ Meme making, Reel, Spell bee, Best out of waste, Slogan Writing Quiz, Working Model, Skit Bio Rangoli, Wild life photography Competition and others.

#### Training Programme Conducted - 03

- ❖ Mushroom cultivation (10th Jan-9th Feb, 22)
- ❖ Bonsai development (21st Mar, 22)
- ❖ Sanitizer Making and Moisturiser (20th Dec, 21).



#### Faculty Development Program Conducted-03

- ❖ Bench Marking Skill Development at School Level (29th-30th Oct, 21)
- ❖ Innovative Research Practices (21st-26th Mar, 22)
- ❖ Biopharmaceuticals Technology & Probiotics (8th-14th, Nov, 21)

#### Webinar Organized-02

- ❖ Star College Scheme by DBT- An Overview (14th May, 22)
- ❖ Life Sciences: Acceptance of New Normal (27th -28th Aug, 21).

### Qualitative additions in curriculum and fortification of teaching, learning and research.



- ❖ Separation of secondary metabolites from fungal endophytes under abiotic stress.
- ❖ Isolation and study of Rhizobium
- ❖ Estimation of Nicotine in Cigarette
- ❖ Study of B-H Curve of Soft Iron at different temperature
- ❖ Taxonomic Studies of animals and insects of water bodies

### Guest Lectures by Eminent Scholars - 14

- ❖ "Recent Trends in Breast Cancer research" by Ms. Pallavi Kulkarni, AIIMS, Bhopal 4th Feb, 22.
- ❖ "Dietary oils and health" by Dr. Daniel A. Gibleon, Bishop Heber College on 23rd Oct, 2021.
- ❖ "Importance of Diet" and "Concept of RDA and BMI" by Mrs. Ugrataara Rajak, Dietician on 2nd-3rd Feb, 2022 .
- ❖ "The Mars Mission & Opportunity in Astrophysics" by Mr. Saket Singh Kaurav, Curator RSC, Bhopal on 18th Sep. 2022 .
- ❖ "An interdisciplinary approach in neuroengineering for recovery of demyelinating diseases" by Dr. Hemanga Kumar Das, Parul University, on 8th Nov. 2021.



### Industrial /Research Institute/Educational Trip- 08



- ❖ Indian Institutes of Science Education and Research Bhopal on 31st Mar, 2022.
- ❖ National Center for Biological Researches, TFRI, Pachmarhi, M.P. on 9th -10th Mar, 2022.
- ❖ Kareli Sugar Mill, Kareli, M.P. on 15th Feb., 2022
- ❖ Regional Science Center, Bhopal on 18th Feb. 2022.
- ❖ Bandhavgarh National Park, Bandhavgarh, M.P. on 19th-20th Feb., 2022.

### Human resource development and comprehension of scientific knowledge



