



**KLE Society's**  
**Raja Lakhamagouda Science Institute**  
**(Autonomous), Belagavi - 590001**

**Annual Report**  
**2022-2023**

**K.L.E. Society's  
Raja Lakhamagouda Science Institute (Autonomous), Belagavi.**

**ANNUAL REPORT FOR THE YEAR  
2022 – 2023**

KLE Society's Raja Lakhamagouda Science Institute (Autonomous), Belagavi is established in 1935 and inaugurated by the Nobel laureate Sir C. V. Raman, The Institute is recognized under Sections 2(f) and 12(B) of the UGC Act and is a premier Autonomous Institute of Rani Channamma University Belagavi.

KLE Society's Raja Lakhamagouda Science Institute (Autonomous), Belagavi is managed by KLE Society, Belagavi. The Society has a rich and diverse experience of managing more than 300 Institutions encompassing School, College, Law, Agriculture, Management, Technical and Health Science education. It is headed by Dr. Prabhakar B. Kore, Former M.P.(Rajya Sabha) and Chairman - KLE Society, Belagavi, a renowned educationist and adedicated social reformer. Under his visionary leadership and able guidance, the institution has been able to create an indelible mark in the field of higher education in this region.

The Institute has adapted and is practicing NEP-2020 by providing Choice Based CreditSystem and Outcome Based Education.

The college has completed four cycles of accreditation by NAAC and was awarded with "A" Grade in all the four cycles. University Grants Commission (UGC) grantedAutonomy status to the Institute in the year 2010.

The Code of conduct guides all stakeholders of the Institute about its principles of integrity, accountability, inclusiveness, commitment and sustainability.

'The Institute is committed to making students aware of their social responsibility through outreach programmes organized by NSS, NCC, WEC, YRC, UBA etc. to enhance students' social awareness and sensitivity towards the upliftment of the underprivileged sections of the society

- **Institution Innovation Council (IIC)** - Approved by Innovation Cell, MoE, Govt. of India and is awarded ONE STARS in 2022-23
- **Honeywell Centre of Excellence** for Youth Empowerment
- **Implemented National Innovation Start-up Policy (NISP)**
- Recognized as an active **Nodal Centre of Virtual Labs** under the National Mission on Education through Information and Communication Technology
- **Academic Alliance Programmes with ICT Academy** to empower the Students with IT Skills



  
**PRINCIPAL**  
**R.L. Science Institute**  
**BELAGAVI-590001**

- Recognized as “Band BEGINNER” under “General (Non-Technical)” in ARIIA -2021 from MoE, Govt. of India
- Recognized under **Unnat Bharat Abhiyan**, a flagship programme of MoE, Govt. of India

The significant feature of the Institution is its array of programmes in science education. The college offers B.Sc. and BCA UG Programmes and M.Sc. Physics, M.Sc. Mathematics and M.Sc. Chemistry PG Programmes. The Institute had the privilege of receiving a number of distinguished personalities including Jnanapeetha Award-winners, Scientists, Educationists, Vice-Chancellors etc.

Our college has been given the status of ‘Lead College’ by the Commissionerate, Collegiate Education, Bengaluru, in the Total Quality Management and Human Resource Development Programmes for improving the quality of education in the colleges coming under Belagavi District. To carry out our activities in these transformative and competitive days, we have adopted a slogan, “Adapt and Excel”. True to our slogan, we have been adjusting our activities with the changing situation and trying to excel in curricular and extra-curricular activities.

### **ADMISSION AND COUNSELING**

Immediately after the results of PUC-II year, the admission for B.Sc. - I and BCA-I Semester was commenced and the successful students of all categories are admitted to the degree classes. During the admission the students were counseled and were given full information regarding infrastructure of the college, subjects-combinations, course - fees, rules and regulations and about attendance. Admissions for UG and PG programmes were made as per the Government / RCU regulations.

### **INDUCTION/ ORIENTATION TO B.Sc.-I SEMESTER STUDENTS.**

After the admission to B.Sc. - I Semester course, the induction programme for B.Sc.- I Semester students was conducted on 22<sup>nd</sup> September to 24<sup>th</sup> September, 2023. The students are made to acquaint themselves with the departments, the college and the faculty through induction programme which would be beneficial for tension free learning process. The facilities like Gymkhana, Library, Computers, Internet, Ladies Room, Digital Library, Language Laboratory, Departmental Laboratories etc. Were explained and effective teachings through proper communication skills were emphasized.

## Department of Physics & Electronics

Under the aegis of Physical Society, the following activities were organized during the academic year 2022-23 with Smt. Megha Galagali, as the Chairperson. The activities of the society are briefly mentioned below:

Sl. No.	Nature of Activity	Title	Resource Person	Place of Visit	Date	Beneficiaries (Students + Staff)
1.	Industrial Visit	Industrial Visit to Suyog Industries, Udyambag, Belagavi	--	Udyambag Belagavi	17/01/2023	44 + 02
2.	Outreach Programme	Ray Optics and Electricity	--	Government High School, Hirebagewai	01/02/2023	67
3.	Industrial Visit	Industrial Visit to Hitech Electrocomponents Industry, Tarihal, Hubballi	--	Hitech Electrocomponents Industry, Tarihal, Hubballi	11/02/2023	08 + 02
4.	MoU Activity	Sky Observation	--	KRVP's Dr. S. J. Nagalotimath Vijnana Kendra, Belagavi	25/02/2023	18 + 09
5.	Guest Lecture	Celebration of National Science Day 2023: Global Science for Global Wellbeing	Dr. Praveen A. Ghorpade, Dean Academics, KLES Dr.M.S.Shesha giri College and Technology, Belagavi	--	28/02/2023	78

6.	Celebration of National Science Day 2023	Power Point Presentation on <i>The Contributions of Indian Scientists</i>	--	--	28/02/2023	51
7.	Academic Visit	Nuclear Power Energy	Ashok D Souza HR, Research Centre, NPCIL,Kaiga	NPCIL,Kaiga	22/07/2023	42 (B.Sc.III)
8.	Academic Visit	Academic Visit to KLES M S Sheshagiri College of Engg. & Technology, Belagavi	--	KLES M S Sheshagiri College of Engg. & Technology, Belagavi	27/06/2023	57
9.	Extension Activity	Superstitions and Scientific Minds	Shri. Rajashekhar Patil	Ganikoppa Village	07/06/2023	44
10.	Live Watch of Space Studies	Launch of Chandrayaan 3	--	Sir. C. V. Raman Auditorium	14/07/2023	82
11.	Academic Visit	Mangalore University, Mangaluru	--	Mangalore University, Mangaluru	16/08/2023	18+04

## Department of Chemistry

Chemical society activities of our institute commenced after the inauguration of Gymkhana and Cultural activities.

Smt. Beena R. Rachotimath has been appointed as the Chairman and the following students were nominated as Secretary and Joint Secretaries of Chemical Society for the year 2022-23.

Sl. No	Name of the Student	Class	Designation
1.	Miss. Rose Monterio	B. Sc VI Sem	Secretary
2.	Mr. Shankar Jogani	B. Sc VI Sem	Jt. Secretary

Details of the activities conducted under the auspices of Chemical society are as follows.

### Invited Talk/Guest Lecture

Date	Guest	Topic
01-12-2022	<b>Dr. Anand D Sawant Postdoc (USA)</b> Associate Professor and Dean Research Dept. of Chemistry Sanjay Ghodawat University, Kolhapur	"Green Chemistry"
04-08-2023	<b>Dr. Praveen A. Ghorpade</b> Dean Academics, KLE Dr.S.Sheshagiri College of Engineering and Technology, Udyambag, Belagavi	"Significance of Basic Science In Environmental Engineering"

**National Seminar:** A total of 90 student delegates from various places, namely, Goa, Maharashtra, Rajasthan, Bangalore, Nipani etc. have participated and among them 53 students have presented their presentation. Also we have received two abstract from South Korea.

Date	Title	Guest
30-07-2022	One Day National Seminar on <b>Climate Change &amp; its Impact</b>	Prof. K. B. Gudasi Vice-Chancellor Karnatak University Dharwad Prof. Basavaraj Padmashali Vice-Chancellor Karnatak University Dharwad

**Activity under MoU (Industrial & Research Centre Visit): Certificate course students & B. Sc VI Sem Students**

Date	Industry
01-07-2023	Yashassu Industry, Honaga Belagavi
18-08-2023	Nandini Milk Dairy Center, Belagavi
	The Belgaum Oxygen Pvt. Ltd, Belagavi.
	S. Nijalingappa Sugar Institute, Belagavi.
	Biocentre, LaxmitekGaneshpur road, Belagavi.

**Books Published by Faculty**

Title	Author
Fundamentals of Chemistry	Dr. Latha M. S.
Basic Concepts of Chemistry for Engineering Students	
Principles of General Chemistry	
Concise General Chemistry	Dr. Latha M. S. & Dr. Kirthi S. Byadagi

**Research Publications by Faculty**

Sl. No.	Name of the Faculty	Paper Title	Journal & Year
1	Dr. Latha M. S.	Synthesis of Nanocellulose from Sugarcane Bagasse and Rubber wood: A Comparative Analysis	Journal of Xi'an Shiyou University, Natural Sciences Edition (2022)
2	Dr. Latha M. S.	Facile synthesis of silver doped-copper oxide nano materials utilizing <i>areca catechu (AC)</i> leaf extract and their antidiabetic and anticancer studies	Journal of the Indian Chemical Society, Volume 99, Issue 9, September 2022,
3	Dr. Latha M. S.	TEMPO mediated synthesis of Nanocellulose from Terminalia Elliptica	Journal of Xi'an Shiyou University, Natural Science Edition (2022)
4	Dr. Latha M. S.	Synthesis, Structural Characterization Of Benzothiazole Schiff Base Metal (II) Complexes And Their Interaction With DNA	Journal of pharmaceutical negative results (2022)

Chemical society was quite active throughout the year. Our degree students from different classes gave the seminars on various topics.

## DEPARTMENT OF MATHEMATICAL AND STATISTICS

The activities of Mathematical and statistical association were jointly inaugurated along with other associations by the chief guest Colonel Shyam Vijay Simha, Sena Medal, Administrator International School, Kakati, Belagavi on 15-12-2022 in Sir. C.V.Raman Auditorium.

### ACTIVITIES OF THE ASSOCIATION:

The following students were nominated as mathematical and statistical association secretaries.

1. Preeti Hadaginal.
2. Visha Pujar.

#### a. Guest lecture arranged:

Sl. No.	Name of the Guest	Date	Topic
1.	Prof. Ismail Naci Cangul, Faculty of Arts and Science, Uludag University, Bursa, Turkey	26 <sup>th</sup> November 2022	Applications of Graphs and Mathematical Thinking

#### b. Workshop organized:

Sl. No.	Name of the Guest	Date	Topic
1.	Shri. Pradeep Guddad, Director, Chanakya Academy Dharwad  Shri. Ningappa A. H. Lecturer and Author Chanakya Academy Dharwad	14 <sup>th</sup> August 2023	Workshop on Quantitative Aptitude for Competitive Exams

#### a. Guest lecture arranged:

A special guest lecture on "Applications of Graphs and Mathematical Thinking" was organized on 26<sup>th</sup> November 2022 at 2:30 pm in Sir C. V. Raman Auditorium. The Guest Speaker Prof. Ismail Naci Cangul, Faculty of Arts and Science, Uludag University, Bursa, Turkey gave a brief history of graph theory problems and their applications. Further he explained backgrounds of Mathematical Notations, he also interacted with students. Overall session provided new ideas that add values to the Mathematical thinking. Smt. Sarika Salimath, welcomed the gathering. Dr.(Smt.) S. N. Banasode introduced the guest speaker. The numbers of beneficiaries were 97 and all the staff members were present in this guest lecture.



**b. Workshop organized:**

A workshop on Quantitative Aptitude for Competitive Exams was organized on 14<sup>th</sup> August 2023 at 12.00 pm in Sir C. V. Raman Auditorium. The Guest Speaker Shri. Pradeep Guddad, Director, Chanakya Academy Dharwad gave knowledge about syllabus to be studied for various competitive Exams and another resource person Shri. Ningappa A. H. Lecturer and Author Chanakya Academy Dharwad explained tricks to solve mental ability questions. Miss. Sudha Sarikar Head of Department welcomed the gathering, Miss Megha Sogalad introduced the Guests and Smt. Pragati Jadav proposed the vote of thanks. The numbers of beneficiaries were 132 and all the staff members were present in this event.

## DEPARTMENT OF BOTANY

The activities of Botanical association began with Inauguration of Gymkhana and student activity on 17<sup>th</sup> December 2022, Colonel Shyam Vijay Simha, Sena Medal, Administrator, International school Kakati, Belagavi was the Chief Guest and Dr. (Smt.) J. S. Kawalekar, Principal presided over the function.

### Following students were nominated as Secretaries

- |                          |                  |
|--------------------------|------------------|
| 1) Miss Rose Monterio    | B.Sc V/VI Sem.   |
| 2) Miss Rohini Kanbarkar | B.Sc V/VI Sem.   |
| 3) Mr. Mannan Subedar    | B.Sc III/IV Sem. |
| 4) Miss Kavya Hiremath   | B.Sc III/IV Sem. |
| 5) Miss Mamata Mardi     | B.Sc I/II Sem.   |
| 6) Miss Kavya Patil      | B.Sc I/II Sem.   |

A National Level Quiz was organized in association with IQAC on the eve of "INTERNATIONAL YEAR OF MILLETS" dated 31/10/2022. 152 students of B.Sc. I, III & V Sem. participated. A Guest Lecture on Environmental Awareness was conducted on 06/12/2022; Resource person was Mr. Amanullah Adeel, Research Scholar, Dept. of Environmental Science, Shivaji University, Kolhapur, and Maharashtra between 12.30 to 2.00 p.m. 77 students of B.Sc. I, III & V Sem were benefited.

A Work shop on Vermicompost Unit & Vegetative Propagation was organized for B.Sc. V semester for SEC students in School of Agriculture training and Research, Belagavi on 05 & 06 /12/2022 at 3.30-5.00p.m. 40 students participated.

On the eve of "INTERNATIONAL YEAR OF MILLETS" a Millet Rangoli competition was organized on Theme- Rural life dated 24/01/2023. 56 students of B.Sc. I, III & V Sem. participated. On the eve of World Environment Day, Ficus Krishnae tree plantation drive was organized, dated 05/06/2023. Students and Faculty of Life science Departments participated. An Alumnus Interaction on Preparation for Entrance Exams of Central University on 13/06/2023 was organized for B.Sc. II, IV & VI Sem. Workshop on Vegetative Propagation, Curriculum based Practical was organized in School of Agriculture training and Research. Belagavi for 103 B.Sc. VI Semester students batch wise, dated 3<sup>rd</sup>, 5<sup>th</sup> & 8<sup>th</sup>/07/2023.

An Extension Activity was conducted on Visit to Botany Museum, Dhanwantari Botanical garden and demonstration of Vegetative propagation and Vermicompost preparation for B. K. College, Students Belagavi on 22/07/2023. 30 students of B.Sc. VI Sem. benefited.

A Guest Lecture was organized on "Green remedies: exploring the symbiotic relation between medicinal plants and environment" by Shri Umapati Gajanan Bhat, K.V. Coordinator of Environmental Science and Youth for Seva, Bangalore on 28/07/2023. 121 students benefited.

A Bouquet Making Competition cum Exhibition, a Curriculum based Practical was organized for B.Sc. VI semester students on 05/08/2023. 43 students participated. A Leaf Arrangement

competition cum Exhibition was organized for B.Sc. I & II year students on 12/08/2023. 58 Students participated.

Field visit for B.Sc. II semester students to Fort Lake, Kotekere on 26/08/2023 for the study of algal blooms. 14 students were accompanied by staff Miss M. S. Bagi.

Study tour to Kankumbi for 54 students of B.Sc. IV & II semester was conducted on 02/09/2023 for the study of various ecosystem & Quadrat method.

A Student's Initiative One Day College Level Environment Awareness Program competition was organized in association with IQAC on the Eve of "World Ozone Day" 16<sup>th</sup> September 2023. 54 students participated

My Special thanks to Principal Dr. (Smt.) J.S.Kawalekar for her guidance and encouragement. I would also like to thank Head of the Department of Botany Miss M. S. Bagi and all other staff members for their support and smooth conduct of Association activities.

## DEPARTMENT OF ZOOLOGY

The Zoological society activities for the academic year 2022-23 were jointly inaugurated along with other association activities. The activities began with nomination of following students -

1. Miss. Rose A. Monteiro, B.Sc. III Secretary.
2. Mr. Shivanand P. Bagannavar, B.Sc. III Joint secretary.
3. Miss. Vaishnavi Herekar, B.Sc. I Joint Secretary.

**Wildlife week** was celebrated by conducting Wildlife Photography competition in October 2022.

A Guest lecture was organized on 12<sup>th</sup> January 2023. Smt. Tarulata Patel of USA, alumnus of K.L.E. Society's R.L. Science Institute Belagavi, delivered a lecture on **RBC Morphology**. Smt. Tarulata Patel emphasized on abnormalities concerned with shape and size of Red blood cells, and resulting consequences on the health, madam also focused about the diet that everyone should include in order to maintain healthy range of hemoglobin in the blood.

On the eve of World Environment Day 5<sup>th</sup> June 2023, **State level Poster Presentation Competition** was conducted. Chief Guest shri. Manjunath R. Chavan, Chief Conservator of Forest, Belagavi addressed the students on the topic "Beat Plastic pollution" and sir also expressed his concern towards conservation of Nature and Natural resources. Dr. Prasad Deshpande and Dr. Bhushan Kulkarni were the judges for the State level Poster Presentation Competition.

Study visit for B.Sc. IV semester students to Sanadi Poultry Farm Honiyal, Belagavi was organized on 21<sup>st</sup> June 2023 for experiential learning to create interest among the students, accompanied by Miss. V.V. Kudtarkar.

A Guest lecture was organized on 28<sup>th</sup> July 2023 shri. Umapati Gajanan Bhat K.V. coordinator of Environmental Science and Youth for Seva, Bangalore was the resource person. Sir delivered a lecture on Green Remedies: the symbiotic relation between medicinal plants and environment. Sir also focused on Conservation of Nature and Natural resources, Biodiversity, Green health and livelihood for Sustainable Development.

On account of World Heart Day 29<sup>th</sup> September 2023, a training programme on Cardio Pulmonary Resuscitation (CPR) – an outreach programme “*Reboot The Heart*” was organized by Department of Zoology in association with IQAC and KLE’s Dr. Prabhakar Kore Hospital and Medical Research Centre, Belagavi, Chief Cardiac Surgeon Dr. Richard Saldanha addressed the teaching and non-teaching staff and emphasized on the importance of CPR-Life saving technique. Anesthesiologist Dr. Raghavendra gave step-by-step methods of CPR and how it can reboot (Re-start) the Heart. Dr. Dharigol and Dr. Vinayak demonstrated the finer skills of CPR on a mannequin.

With deep sense of gratitude, I thank our Principal Dr. J. S. Kawalckar, HOD Prof. R.S.Maben and colleagues for their valuable guidance and support.

## Department of Biotechnology

The activities of Biotechnological Association for the academic year 2020-2021 were jointly inaugurated along with the other associations.

The activities began with nomination of following students as secretaries and joint secretaries,

1. Miss Gouri Gangair                      BSc III Secretary
2. Miss. Sapna Navi                        BSc II Joint Secretary
3. Mr. Sidharth Basme                    BSc I Joint Secretary

The Biotechnological Association activities for this academic year 2022 – 2023 included various activities.

1. B.Sc. VI semester students visited **CFTRI Mysore** on 5<sup>th</sup> July 2023, attended ONE WEEK ONE DAY LAB during this event students interacted with the Scientists and students visited various Departments at CFTRI, Prof.D.S.Shettarand Dr G.G.Biradar accompanied students.
2. B.Sc. VI semester students visited **S.Nijalingappa Sugar Institute Belagavi** on 17<sup>th</sup> June 2023 during the visit students learnt about Alcohol Technology , Soil Analysis and Production of Biofertilizers. Prof.D.S.Shettaracompanied students.
3. B.Sc. VI semester students visited **KLE'S BVB College Huballi** during visit students visited Biotechnology Department and they learnt about Fermentation Technology Dr.Sharannappa Asst.Prof Department of Biotechnology guided the students.Prof.D.S.Shettarand Dr. G.G.Biradar accompanied students.
4. B.Sc. II semester students visited **Alfanzyme Industry at Autonagar Belagavi** on 9<sup>th</sup> March 2023 during visit Mr.Sagar Company Production Scientist explained about various Biological products producing in there Company. Dr G.G.Biradar accompanied students.
5. Department of Biotechnology along with Zoology and Botany Departments organized the **Guest Lecture** on 28<sup>th</sup> July 2023. Shri. Umapathi Gajanan Bhat Coordinator of

Environmental Science and Youth For Seva Bangalore delivered the lecture on Green Remedies: Exploring The Symbiotic Relation Between Medicinal Plants And Environment.

6. B.Sc. IV semester students attended **Internship Program me** at Various Institutes like Cytoxon Research Center Hubballi, Agriculture University Dharwad and K.L.E'S Dr.Prabhakar Kore Basic Science Research Center Belagavi.

7. B.Sc. VI semester Mr.SangameshKattimani and Miss.S Pratiksha attended Two Days **Work Shop on Cancer Biology at Indian Institute of Science Bangalore.**

With deep sense of gratitude, I thank our beloved principal Dr. (Smt.) J.S.Kawalckar, my colleagues and students for their cooperation through the year.

## Department of Computer Science

The activities of Department of Computer Science were jointly inaugurated along with other associations by the chief guests and Guest Speakers.

### ACTIVITIES OF THE ASSOCIATION:

#### a. Guest lecture arranged:

Sl. No.	Name of the Guest	Date	Topic
1.	DR. SiddhgoudaBasagouda Patil. CEO, VSM Group of Institutions, Nipani.	18/01/2023	Problem Solving Techniques in Programming.

#### b. Workshop organized:

Sl. No.	Name of the Guest	Date	Topic
1.	Mr. Rajshekar Patil MD SOFTMUSK INFO PVT.LTD Belagavi  Mr.RajKalyankar Software Developer SOFTMUSK INFO PVT.LTD Belagavi		Python Full Stack Development
2.	Mrs. Ratna Kulkarni Director Jetking Infotrain LTD, Belagavi.  Mrs. Ratnaprabha Patil Technical Faculty Jetking Infotrain LTD, Belagavi.	27/11/2023 & 28/11/2023	Networking Topology
3.	Mr. Akshay Nagaraj Naik The Co-Founder and Chief Executive Officer Agamy Cyber Tech, Dharwad	15/02/2023	Cyber Security
4.	Mr. Santosh Chanveer Senior certified out System developer, Omnepresent PVT, LTD, Pune	30/06/2023	Technology Trends and Low code Technology



**a. Guest lecture arranged:**

A special guest lecture on “Problem Solving Techniques in Programming.” was organized on 18/01/2023 at 10:30am in Sir C. V. Raman Auditorium. The Guest DR. SiddhgoudaBasagouda Patil. CEO, VSM Group of Institutions, Nipani gave detailed steps on how to solve a problem using programming.

**b. Workshop organized:**

1. A workshop on Python Full Stack Development was organized on

At 09.00 am in Sir C. V. Raman Auditorium. The Guest Speaker was Mr. RajshekarPatil

MD SOFTMUSK INFO PVT.LTD, Belagavi and Mr.RajKalyankar, Software Developer, SOFTMUSK INFO PVT.LTD, Belagavi

2. A workshop on Networking Topology was organized on 27/11/2023 & 28/11/2023 at JetKing. The Speaker was Mrs. Ratna Kulkarni, Director, Jetking Infotrain LTD, Belagavi. And Mrs. Ratnaprabha Patil, Technical Faculty, Jetking Infotrain LTD, Belagavi.

3. A workshop on Cyber Security was organized on At 10.30 am in Sir C. V. Raman Auditorium. The Guest Speaker was Mr. Akshay Nagaraj Naik, The Co-Founder and Chief Executive Officer, Agamya Cyber Tech, Dharwad.

4. . A workshop on Technology Trends and Low code Technology was organized on At 10.30 am in Sir C. V. Raman Auditorium. The Guest Speaker was Mr. Santosh Chanveer Senior certified out System developer, Omnepresent PVT, LTD, Pune.

**c. Certificate Course**

The Tata STRIVE - Google certification program, conducted successfully under the Department of Computer Science, took place from June 19th to July 24, 2023. Approximately 40 students were registered for the program, out of which 26 learners demonstrated commendable dedication and successfully completed their courses. On the prize distribution day, a total of 46 certificates are going to be awarded to the accomplished learners, marking a significant achievement for both the participants and the organizers.

## Department of physical Education and sports

1. The Inaugural function of Gymkhana and Cultural Activities was held on on 17<sup>th</sup> December 2022at 12.00pmCol.Shyam Vijay Simma Administrator Indus International School Belagavi was the Chief Guest of the program.
2. List of achievements of our sportsmen:
3. Seven sportsmen have been selected as the University Blues invarious sports.
  1. **Rohan Halabavi**B.Sc.III Selected Inter University in Handball
  2. Poonam Gosarwade B.Sc. IISelected Inter University in Handball
  3. Shruti Kamate–B.Sc.ISelected Inter University in Handball
4. Pranata Desai BCA-I Selected Inter University in Taekwondo.
  5. Sapana Patil BCA-I Selected Inter University in Basketball.
  6. Poonam Ghosarwade B.Sc. II Selected Inter University in Kabaddi.
  7. Abhishek GanigerB.Sc.-III Selected Inter University in Chess
- 4.Basketball Men team has secured Runner-Up in inter-collegiate competition held at K.L.E.Society's SSM S College Athani on 25<sup>th</sup> ,26<sup>th</sup> and 27<sup>th</sup> November2022.
5. Rani Channamma-University Belagavi Single Zone Wrestling Tournament cum selection Trials held at GP Porwal ColleegeSindagion 12<sup>th</sup>and 13<sup>th</sup> December 2022. Our Student Sanket Patil BSC-III secured **SilverMedal Medal**.
- 7.Chess Men team has secured Second place in inter-collegiate competition held at Shivanand College Kagawad on 6<sup>th</sup> and 7<sup>th</sup> December2022.
8. Handball Men team has secured third place in inter-collegiate competition held at KA Lokapur. College,Athanion 20<sup>th</sup> and 21<sup>st</sup> December, 2022.
9. Rani Channamma-University Belagavi Single Zone Taekwondo Tournament cum selection Trials held at BLD College,Vijayapur 22<sup>nd</sup>&23<sup>rd</sup> December 2022. Our Student Pranata Desai BCA-I secured **Gold Medal**.
- 11.CM Cup State level Dasara Handball Tournamentheld at Mysore on 29-9-2022 to 02-10-2022 Our student Rohan Halabhavi BSCII secured Bronz medal.

12. National level Curling Championship held at Gulmarg J& K on 03 to 08 January 2023. Our student Rohan Halbhavi B.Sc.II secured Bronze medal. He participated in Khelo India Winter Sports meet at Gulmarg J& K -2023.

13. Mahesh Talawar B.Sc.-III secured two Gold medals in Roller ski 1700 mtr and 1500 mtr held at Tirupati on 28th to 31st May 2023.

14. Conducted UG and PG College annual sports meet on 16th and 17th August 2023.

15. The Valedictory function of Gymkhana and Cultural Activities was held on 22nd August 2023 at 10.30pm. Shri Praveen Jain KAS Asst. Commissioner Special Land Acquisition officer Belagavi (B.U.D.A) was the Chief Guest of the program.

## **NSS Report 2022-23**

### **Regular Activities**

- 1) On the occasion of World Environmental Day organized Walk for Environment in association with Paryavaran Samrakshan Gatividi, Belagavi on 28<sup>th</sup> June, 2022
- 2) On the eve of 8<sup>th</sup> International Yoga Day, Department of Physical Education & Sports celebrated Yoga Day on 21st June, 2022
- 3) On the eve of 75<sup>th</sup> Birthday of Honorable Chairman of KLE Society Dr. Prabhakar Kore, NSS Unit donated fruits, food and LED bulbs to Hiremath Old-age home, BasavanKudachi, Belagavi on 1<sup>st</sup> August, 2022.
- 4) On the occasion of Azadi ka Amrit Mahotsav, 75<sup>th</sup> Independence Day, NSS and NCC unit distributed Tricolor Flag and organized Rally 12<sup>th</sup> August, 2022
- 5) Celebration of Independence Day, 15-08-2022
- 6) Observation of Sadbhavana Day on 19-08-2020. All the staff members took pledge from the Principal.
- 7) Teachers Day Celebration on 05-09-2022.
- 8) NSS Unit in association with Youth for Seva distributed Education Material Kit to the students, those who achieved in SSLC exams and NMMS scholarship exam on 17<sup>th</sup> August, 2022.
- 9) On the occasion of Azadi ka Amrit Mahotsava 75<sup>th</sup> Independence Day, NCC, NSS and YRC units organized Blood Donation Camp on 29<sup>th</sup> August, 2022
- 10) Celebrated International Literacy Day on 8<sup>th</sup> September, 2022
- 11) NSS, NCC & YRC unit organized Cleanliness Drive & Blood Donation Camp on the occasion of Honorable Prime Minister Shri Narendra Modi, on 17<sup>th</sup> September, 2022
- 12) Celebrated NSS Foundation Day on 24-09-2022.
- 13) Celebrated Mahatma Gandhi and Lal Bahaddur Shastri Birth anniversary on 02-10-2022.
- 14) Celebrated Maharshi Valmiki Jayanti on 09-10-2022
- 15) Celebrated Rasthriya Ekta Diwas. The day is celebrated to mark the birth anniversary of Sardar Vallabhai Patel on 31<sup>st</sup> October, 2022.
- 16) Celebrated Kanakadasa Jayanti on 11<sup>th</sup> November, 2022.
- 17) Celebration of Constitution Day on 26<sup>th</sup> November, 2022.

- 18) Observed World AIDS Awareness Day on 01<sup>st</sup> December, 2022. Miss R. S. Maben, Head, Department of Zoology KLE's R. L. Science Institute, Belagavi was the chief guest of the program.
- 19) Celebration of Human Rights Day on 10<sup>th</sup> December, 2022.
- 20) NSS & NCC Unit in association with District Health Center organized Booster Dose Vaccination Drive on 19<sup>th</sup> December, 2022
- 21) NSS Unit celebrated 160<sup>th</sup> Birth anniversary of Swami Vivekananda, which is marked as National Youth Day on 12<sup>th</sup> January 2023.
- 22) NSS & NCC Unit in association with District Health Center organized Booster Dose Vaccination Drive on 25<sup>th</sup> January, 2023
- 23) NSS Unit celebrated 126<sup>th</sup> Birth anniversary of Subhash Chandra Bose, which is marked as Parakram Diwas on 23<sup>rd</sup> January, 2023.
- 24) National Voters Day in Association with Electoral Literacy Club on 25<sup>th</sup> January 2023.
- 25) Celebration of Republic Day on 26<sup>th</sup> January, 2023.
- 26) Observed Hutatma Divas on 30<sup>th</sup> January 2023.
- 27) Celebrated Babu Jagjivan Ram Jayanti on 05<sup>th</sup> April, 2023.
- 28) Dr. B. R. Ambedkar Jayanti on 14<sup>th</sup> April, 2023.
- 29) **Miss Akshata Malagi, successfully participated in State Level RD Parade on 26<sup>th</sup> January, 2023. She Represented Rani Channamma University, Belagavi in State Level**
- 30) Cleanliness programs in and around the college premises

## **NSS Special Camp**

**Place: Ganikoppa**

**Date: 02/06/2023 to 08/06/2023**

### **INTRODUCTION:**

KLE Society's Raja Lakhamagouda Science Institute (Autonomous), Belagavi, NSS unit adopted Ganikoppa village under Unnat Bharat Abhiyan, A flagship program of MOE, Government of India. Ganikoppa is situated in Marikatti gram Panchayat of Bailhongal Taluk, Belagavi, Karnataka.

In order to empower the village KLE's RLSI NSS Unit organized special camp from 02/06/2023 to 08/06/2023. Shri H. N. Bannur, NSS Program officer, Dr. S. M. Bulbuli, Physical Education Director, visited the village to have some idea about their livelihood, requirements before starting the camp and to plan for the special camp.

### **DAY-1**

The special camp inaugurated on 2<sup>nd</sup> June at 3pm. The Chief Guest of the program Shri Mahantesh Chikkamath, Former Taluka Panchayat Member, Ganikoppa, and Guest of Honor Shri Channaveer Swamiji, Madivaleshwar Math, Principal Dr (Smt.) J. S. Kawalekar, Prof. A. S. Poojar, Head, Department of Physics, Prof. Purushottam I., Assistant Professor, Department of Chemistry, Dr. Vinay Kumar M., Assistant Professor, Department of Physics, Shri M. D. Chadichal, Headmaster, Govt. Higher Primary School, Ganikoppa, NSS Officer Shri H. N. Bannur, Shri Ajit Sutar and Volunteers and Students were graced the occasion.

The program was commenced with NSS Song by volunteers, followed by welcome address by NSS Officer Shri H. N. Bannur. Shri M. D. Chadichal, Headmaster, Govt. Higher Primary School, Ganikoppa, highlighted the importance of camp in student life.

Principal Dr (Smt.) J. S. Kawalekar, delivered the presidential remarks. The program concluded with vote of thanks by Volunteer Shivanand Bagannavar and compeered by Miss Sunaina Shekki.

### **DAY-2**

The second day of NSS camp i.e on 3<sup>rd</sup> June, 2023 started with the Morning prayer and Yoga. The volunteers processed to clean Shri Shivanand Math and surrounding premises. Each and every volunteer participated selflessly in the cleanliness drive.

A special guest lecture was organized in the evening on 'Importance of Voting'. Prof. R. D. Badiger, Lecturer, Department of Political Science, KLE'S Lingaraj College, Belagavi was the resource person. Shri Channaveerayya Swamiji, Shri Mahantesh Chikkamath, Shri

Chandrashekhar Chachadi, Gram Panchayat Member, Shri Rudrappa, Shri Suladhal, Shri H. N. Bannur, NSS Officer and volunteers were present during program.

### **DAY-3**

The third day of NSS camp i.e on 4<sup>th</sup> June, 2023 started with the Morning prayer and Yoga. The volunteers were involved in cleanliness activities, cleaned and repaired the school ground. Volunteers also cleaned the surrounding premises of school.

A special guest lecture was organized in the evening on 'Youths and Moral Values'. Prof. S. B. Taradale, Assistant Professor KLE's R. L. Science Institute, Belagavi was the resource person. Dr. Sukhshant Patil, Physical Director, University of Agricultural Sciences, Dharwad was the Guest of Honor. Dr. Shivanand Bulbuli Bulbuli, Physical Director, KLES RLSI, Shri H. N. Bannur, NSS Officer, villagers and volunteers were present during program.

### **DAY-4**

The fourth day of NSS camp i.e on 5<sup>th</sup> June, 2023 started with the Morning prayer and Yoga. The volunteers were involved following activities

- Tree plantation the occasion of World Environmental Day. Volunteers have planted 25 saplings in the School and Temple premises.
- Organized Free Dental Check-up Camp in association with KLE Society's V. K. Dental College, Belagavi and Indian Dental Association. Dr. Mehul Sha, Life Member, Indian Dental Association, inaugurated the camp. 49 individuals were benefited from this camp.
- A special guest lecture was organized in the evening on 'Environmental Protection'. Prof. M. S. Bagi, Head, Department of Botany, KLE's R. L. Science Institute, Belagavi was the resource person. Shri Channaveerayya Swamiji, Miss Shaloni Magadam, Department of Botany, Shri H. N. Bannur, Senior citizens of the village and volunteers were present during program.

### **DAY-5**

The fifth day of NSS camp i.e on 6<sup>th</sup> June, 2023 started with the Morning prayer and Yoga. The volunteers were involved in cleanliness activities, cleaned surrounding premises of Siddeshwar temple. Cleaned ancient Lake of the temple and planted 20 saplings.

A special guest lecture was organized in the evening on 'Organic Farming' Prof. S. D. Gorinaik, Associate Professor of Chemistry, KLE's R. L. Science Institute, Belagavi was the resource person. HOD Chemistry Dr. B. G. Bevinkatti, Dr. Lata M. S., Dr. Keerti S. Byadagi. Prof Beena Rachotimath, Shri H. N. Bannur, Senior citizens of the village and volunteers were present during program.

### **DAY-6**

The sixth day of NSS camp i.e on 7<sup>th</sup> June, 2023 started with the Morning prayer and Yoga. Following activities were done with

- Volunteers created awareness about Water Pollution and Water Scarcity among the school students by performing street dramas.
- Organized Hemoglobin Test Drive for School Children in association with Department of Biotechnology & Youth Red Cross unit KLE'S RLSI, Belagavi
- A special guest lecture was organized in the evening on 'Superstitions and Scientific Thinking'. Shri Rajashekhhar Patil, Coordinator, Dr. S. J. Nagalotimath Science Center, Belagavi resource person. Shri Channaveeryya Swamiji, Prof. A. S. Poojar, HOD, Physics, Smt. D. S. Shetter, HOD, Biotechnology, Dr. M. M. Tamboli, Smt. Vinuta J. B., Smt. Megha Galagali, Smt. Alfaz Bhagwan, Shri H. N. Bannur, Senior citizens of the village and volunteers were present during program.

## **DAY-7**

The Seventh day was the closing ceremony of Seven days NSS camp. The program started at 11am. Dr. Ashwini Narasannavar, NSS Coordinator, KLE University, Belagavi was the chief guest. Principal Dr.(Smt.) J. S. Kawalekar, Gram Panchayat Member Shri 'Mahantesh Chikkmath, Ex Serviceman Shivanand Poojari, Prof. A. S. Poojar, Head, Department of Physics, villagers and volunteers graced the occasion.

The program started with NSS Song by Volunteers. Volunteers Miss Mr. Shivanand B. the gathering. Dr. Ashwini Narasannavar, NSS Coordinator, KLE University, Belagavi appreciated the volunteers and their dedication and commitments during the camp. Principal Dr.(Smt.) J. S. Kawalekar delivered presidential remarks.

The closing ceremony concluded with vote of thanks by NSS Officer Shri H. N. Bannur and compeered by Miss Rose M.



**IQAC Report Summary**  
**Teachers Attending FDP's/Refresher Courses, etc**  
**Academic Year 2022-23**

The IQAC of RLSI has been making proactive efforts to upgrade the knowledge and skills of faculty members in the institutions. IQAC takes considerable effort to ensure the participation of the staff in training programmes such as Orientation courses refresher courses and other faculty development programmes. The College has made certain financial assistance for the selected teachers to undergo FDP's on need base. Duty Leave is sanctioned to the teachers attending FDP's.

- 08 Teachers have successfully completed the FDP
- 02 Teachers have successfully completed the Refresher Course

**List of Faculty attended FDP's/Refresher Course**

Sl. No	Name of the Faculty	Title of the programme	Duration
1.	Smt. Bhagyshree Patil	Digital Marketing (Online FDP)	28-08-2023 to 2-09-2023
2.	Smt. Pallavi Mudhol	Digital Marketing (Online FDP)	28-08-2023 to 2-09-2023
3.	Shri. Shreyas Mardolkar	Android Basics with Compose (Online FDP)	28-08-2023 to 2-09-2023
4.	Shri. Santosh Patil	Android Basics with Compose (Online FDP)	28-08-2023 to 2-09-2023
5.	Dr.(Smt) J.S.Kawalekar	Faculty Development Program(NPTEL-AICTE)	Jul-Sep 2023
6.	Dr. Maktumhusen M Tamboli	UGC- Sponsored FDP (Online)	17-07-2023 to 17-08-2023
7.	Shri. Shreyas Mardolkar	Microsoft Azure AI Fundamentals (Online FDP)	10-07-2023 to 14-07-2023
8.	Smt. Pallavi Gundkal	Microsoft Azure AI Fundamentals (Online FDP)	10-07-2023 to 14-07-2023
9.	Miss. Sudha Sarikar	Refresher Course	10-01-2023 to 23-01-2023
10.	Miss. Milan Bagi	Refresher Course	28-10-2022 to 11-11-2022

## **Best Practice - 1**

### **1. Title of the Practice**

**Digital Synergies: A Holistic Approach to Academic and Administrative Efficiency"**

### **2. Objectives of the Practice**

To implement MasterSoft CCMS for enhanced academic and administrative efficiency to foster a digitally empowered college ecosystem by leveraging technology effectively.

### **3. The Context**

Integrating digital synergies in education enhances academic and administrative efficiency, seamlessly blending technology to promote collaboration, innovation, and streamlined operations throughout the educational journey.

### **4. The Practice**

- Utilizing an ERP system in education has transformed administrative processes.
- From online admissions management to automated attendance tracking and remote teaching capabilities, it has streamlined workflows, enhanced communication.
- It is fostering collaboration among educators, students, and administrative staff, thereby optimizing the educational experience.

### **5. Evidence of Success**

- Integrated Academic and Administrative Workflow through ERP.
- Enhanced Communication and Collaboration within the digital ecosystem is evident.
- User Satisfaction and Adoption Rates of the integrated digital tools among the users.
- Operational Efficiency Metrics

### **6. Problems Encountered and Resources Required**

- Integration Challenges: Overcome obstacles integrating ERP with existing infrastructure for a seamless transition.
- Training Requirements: Allocate resources for comprehensive training.
- Financial Support: Secure funds for continued innovation and maintenance of digital initiatives.

### **7. Notes**

The adoption of digital synergies, as embodied in the holistic approach presented by the integration of MasterSoft's CCMS - Centralized Campus Management System, propels academic and administrative efficiency to new heights.

## **Best Practice - 2**

### **1. Title of the Practice**

Centre of Excellence - Nurturing Future Educators and Industry-Ready Scholars.

### **2. Objectives of the Practice**

Nurture future educators and industry-ready scholars through tailored programs, transparent communication, and inclusive practices to bridge Academia-Industry gaps.

### **3. The Context**

A Centre of Excellence fosters academia-industry collaborations. These practices have been derived from successful models implemented at BCA, Section of RLSI.

### **4. The Practice**

- The Microsoft Philanthropy CSR Training Program featured a robust faculty nomination process and Skycampus assessments.
- The Honeywell Centre of Excellence Program emphasized clear communication and support for women mentors.
- The Certificate Course on RPA focused on empowering underprivileged women through collaboration with Cognizant Foundation and ICT Academy.

### **5. Evidence of Success**

- Active Participation and Progression - High attendance rates
- Positive Feedback and Continuous Improvement - Implementation of a robust feedback mechanism post each stage
- Successful Student Placement and Career Progression - High placement rates for future educators and scholars completing the training program

### **6. Problems Encountered and Resources Required**

- Resource Allocation: Resource allocation for faculty training and infrastructure.
- Inclusivity Challenges: Addressing inclusivity barriers for diverse students.
- Technological Hurdles: Overcoming technological hurdles in online assessment and tailored training tools.

### **7. Notes**

Centre of Excellence model from Microsoft, Honeywell, and RPA courses offers a blueprint for nurturing educators and industry-ready scholars, emphasizing tailored programs, transparent communication, and inclusivity to bridge Academia-Industry gaps.

## **Institutional Distinctiveness**

### **"Fostering Holistic Student Growth in Educational Environments"**

**Vision** - To impart Education for Global Excellence.

**Mission** - Character building through quality science education.

#### **DISTINCTIVE STEPS TAKEN:**

##### **Enhancing Science Learning Experience**

- Research and Development Cell
- Institution Innovation Council (IIC)
- Entrepreneurship Development Cell
- Honeywell Centre of Excellence for Youth Empowerment
- National Innovation Start-up Policy
- Nodal Centre of Virtual Labs
- Membership - ICT Academy
- MoU with Sandbox Startup-Deshpande Foundation

##### **Recognitions for Innovation and Humanitarian Outreach:**

- IIC was awarded ONE STAR in 2022-23
- MoU with Youth for Seva
- Electoral Literacy Club for awareness about individual civic responsibilities
- Adoption of Ganikoppa Village under Amrut Samudaya Development Scheme.
- Blood donation camps by NCC, NSS, and YRC units.
- Regular conduct of Swachh Bharat Abhiyan.
- Events on health, environment and other social reforms.

##### **National Representation:**

- 03 Cadets participated in the National Republic Day Parade.
- 02 Cadets participated in All India Vayu Sainik Camp
- Rohan Halbavi BSC II secured Bronze medal in National level Curling Championship at Gulmarg J&K and participated Khelindia Winter Sports meet at Gulmarg J&K -2023
- Mahesh Talawar BSC III Secured Two Gold medals, in Roller ski 1700 mtr. and 1500 mtr. held at Tirupati.
- 1 NSS volunteer participated in the State Republic Day Parade

## WOMEN EMPOWERMENT CELL REPORT

The activities of Women Empowerment Cell and Ladies Association for the year 2022-23 were inaugurated jointly by Colonel ShyamVijay Simha, Sena Medal, Administrator International School, Kakati, Belagavi and Principal Dr. Smt. J.S.Kawalekar presided the function.

The activities begun with nomination of the following secretaries

1. Miss. Poornima R. S. B.Sc. III year
2. Miss. Bhoomika Nayak B.Sc. III year

Under the auspicious of Women Empowerment Cell the following events were organized.

Sl. No.	Name of the event	Resource Person	Topic	Date
1.	Workshop	Mrs. Shilpa Patil	'Beautify Me'	14/02/2023
2.	Celebration of International Women's Day	Dr. Ashwini Kudarimath	"Digit ALL: Innovation and Technology for Gender Equality"	10/03/2023
3.	Awareness Program	Miss. Anchal	PCOS - Polycystic Ovary Syndrome'	03/07/2023
4.	Awareness Program	Dr. Anjali Joshi, Senior medical officer, OBG Dept, KLE Dr Prabhakar Kore Hospital & Medical research centre, Belagavi	'Breast Feeding'	08/08/2023
5.	Awareness Program	Dr. Neha Dhaded, Secretary, SWEC	"Gender Sensitization"	04/08/2023
6.	A talk	Dr. Vinayak Koparde, DM, Child Psychiatrist, JNMC Belagavi	"Mental Health & Stress Management"	07/09/2023

The various competitions conducted under WEC of our institute for the academic year 2022-23 are :

Sl. No.	Name of the event	Date
1.	Mehandi	27/09/2022
2.	Rangoli	28/09/2022
3.	Clay Modeling	02/08/2023
4.	Pencil Sketch	03/08/2023

5.	Cooking	04/08/2023
6.	Fancy Dress	05/08/2023
7.	Solo Dance	05/08/2023
8.	Group Dance	05/08/2023

All the students and staff participated actively throughout the year. On behalf of Women empowerment Cell and Ladies Association, I extend my sincere thanks to our Principal Dr. Smt. Dr. (Smt.) J. S. Kawalekar, committee members, colleagues, menial staff and all the lady students for extending the support and their kind co-operation to carry out the events.



  
**PRINCIPAL**  
**R.L. Science Institute**  
**BELAGAVI-590001**