

BLDE (DEEMED TO BE UNIVERSITY)

SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, VIJAYAPURA

BLDE(DU)

RESEARCH BULLETIN

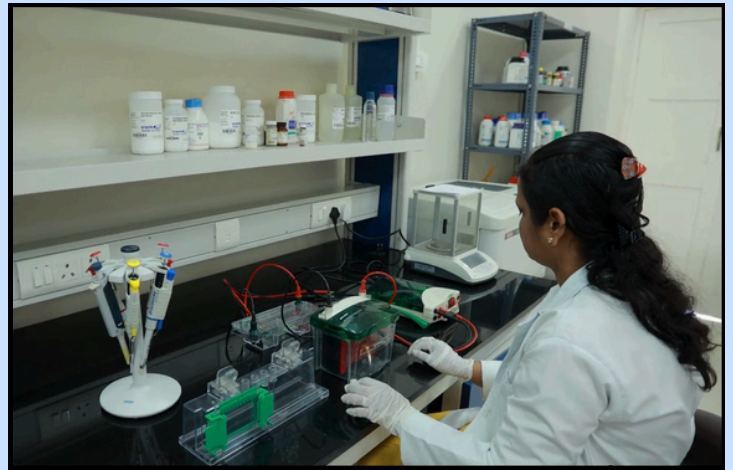
Volume 1 / Issue 1 / Jan- Mar 2024



Dermatology Centre of Excellence



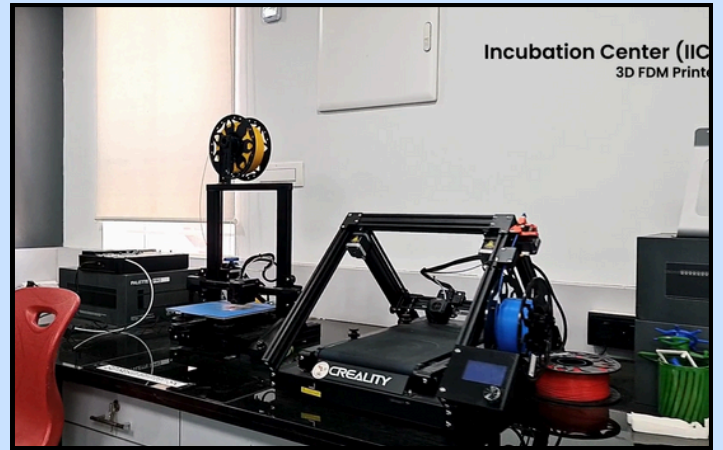
Laboratory for Vascular Physiology and Medicine



CAMR (Centre for Advanced Medical Research)



Institutional Innovation Council (IIC)



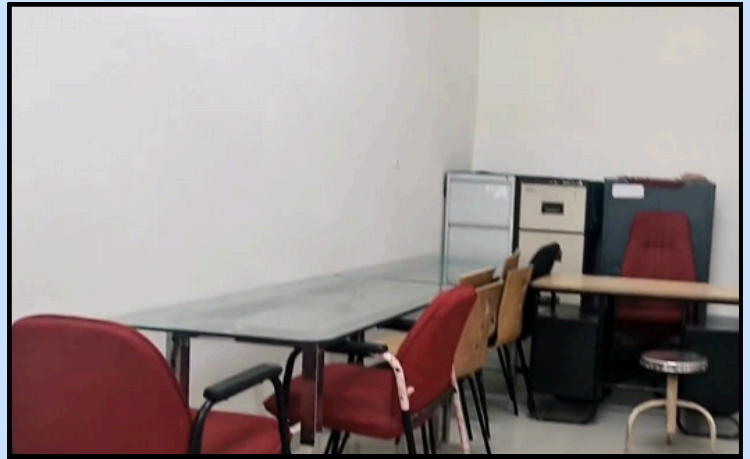
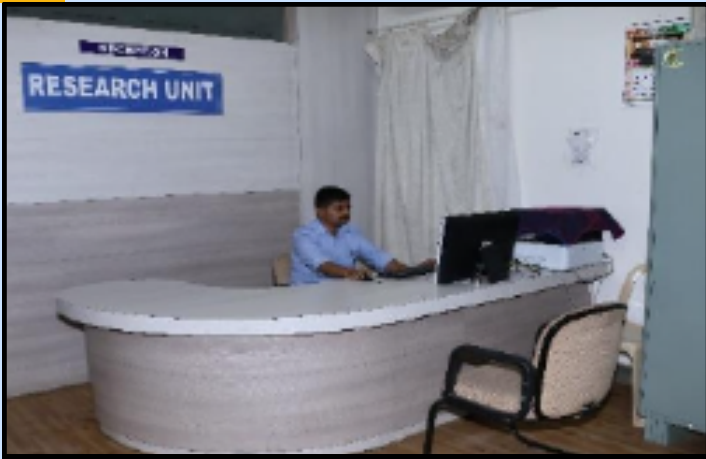
Women and Child Healthcare Research Unit



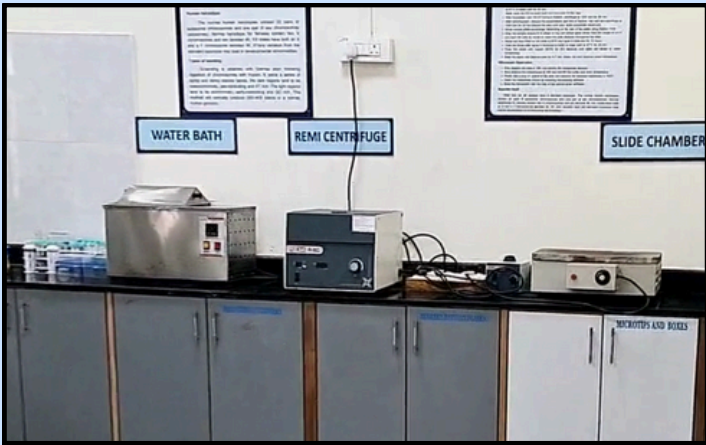
Social Determinants of Health Research Unit



SMO (Site Monitoring Office)



Genetic Lab



Molecular Biology Laboratory



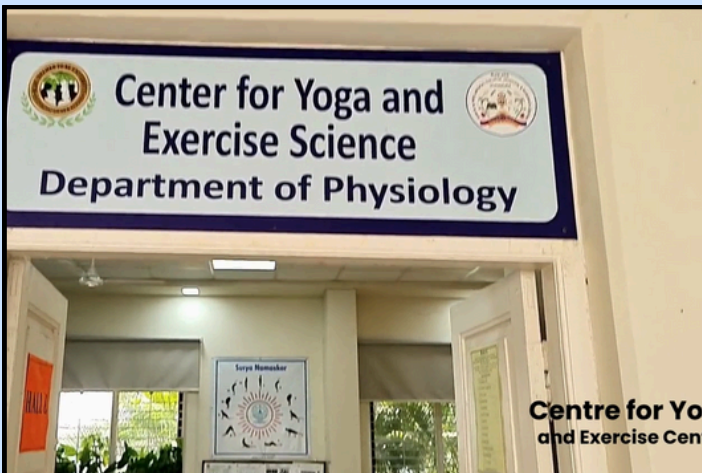
Central Clinical Laboratory



Animal House



Centre for Yoga and Exercise Science



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DIRECTOR'S MESSAGE

Dear Faculty, Staff, and Students,

I am delighted to share with you my thoughts on the importance of research in our university. As the Director of Research, I believe that research is essential to advancing knowledge, driving innovation, and solving complex global challenges. Our university has a crucial role to play in this endeavor, and I am proud of the work that our faculty and students have accomplished.

In particular, I want to emphasize the importance of collaboration and partnerships with industry, government, and other academic institutions to achieve our research goals. These partnerships enable us to leverage our strengths and capabilities and apply them to real-world problems. They also provide opportunities for our students to gain valuable experience and prepare for their future careers.

I encourage interdisciplinary research, recognizing that some of the most significant breakthroughs in research come from collaborations across multiple fields. Our university has a wealth of expertise across diverse disciplines, and I believe that by working together, we can achieve remarkable outcomes.

I also recognize that securing funding for research is essential to support our research initiatives. As a result, I urge our faculty to take advantage of the resources and support available to them to develop successful grant proposals.

In conclusion, I want to reiterate the critical role that research plays in advancing the mission of our university and contributing to the betterment of society as a whole. I look forward to continuing to work with you all to further our research endeavors and achieve new heights of excellence.



Best regards,
Dr. M. M. Patil
Director Research & Development Cell
BLDE DU Vijayapura



VISION

To Promote and Practice Research and Innovation as an integral part of Education, Leading to Sustainable Holistic Integrated Development and Universal progress.



MISSION

1. To frame a robust and reliable Research Promotion Policy and identify the relevant, innovative, and emerging thrust areas of research befitting to expertise, facilities & Research Policy.
2. To create and provide State of the Art facilities, resources, and services to undertake Basic and Translational research on areas of regional, national, and global importance.
3. To mobilize and utilize financial and infrastructural resources from national and international organizations, industries & agencies to undertake research.
4. To establish Institutional Innovative Council and research ecosystem to promote & practice scientific temper, rationality, reasoning, the Indian Knowledge System, and the spirit of inquiry among all stakeholders, leading to Socio Scientific Society and sustainable development of the globe.
5. To inculcate & practice values & professional ethics in Research, Publications, Consultancy, and Extension Services.

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IIC Activities

1. Dr. Ishwar Bagoji and Ajit Bagali has participated in the regional meet held on 19th Jan, 2024 at KLE Technological University, Huballi.

The event was highly informative and motivating, serving the purpose of sustaining IIC activities and exploring new concepts for the further development of our institute. Dr. Sahu's inspiring speech and emphasis on networking left a lasting impression. Shivayogi Turmari's insightful discussion on KLE CITE's growth and future goals was particularly inspiring.

Dr. Mamta Agarwal's address regarding new educational methods and the significant contribution of students to India's growth encouraged the cultivation of an innovation and entrepreneurship mindset among students. Dr. Ashok Shetter's talk on the importance of collaborative work across different fields provided valuable insights, and the knowledge-sharing sessions on implementing IIC in Higher Education Institutions (HEIs) were particularly useful.



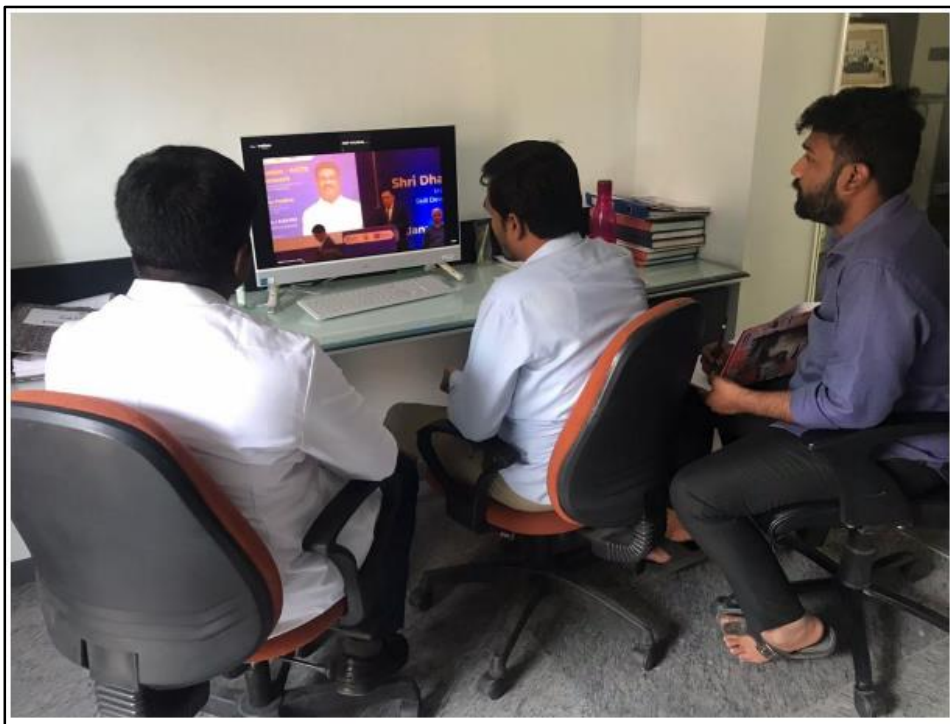
2. Inauguration of MoE - AICTE Investor Network:

Introduction:

The inauguration of the Ministry of Education - AICTE Investor Network took place on the evening of January 31, 2024. The event was graced by the presence of Union Minister for Education and Skill Development & Entrepreneurship, Shri. Dharmendra Pradhan, as well as Secretary, Higher Education, Shri Sanjay K. Murthy, and other dignitaries, including AICTE Chairman Prof. T.G. Sitharam, Vice Chairman Dr. Abhay Jere, and Member Secretary Prof. Rajive Kumar.

Aim of MoE-AICTE Investor Network:

TG Sitharam said this investor network aims to bridge the gap between investors and transformative educational initiatives, fostering collaboration for the advancement of education and technology. This initiative marks a significant step towards realizing the ministry's vision of creating a vibrant ecosystem for innovation and entrepreneurship. A total of 50 investors and industry leaders from diverse sectors have been attended the launch of MoE-AICTE Investor Network. An interactive session with the minister on the topics such as the future of education, technology, and innovation was informative “MoE-AICTE Investor Network is designed to connect investors with innovative minds in the higher education institutions to establish meaningful connections and collaboration in the field of innovation and entrepreneurship, leading the path towards Viksit Bharat @2047.”



Online Inauguration of MoE - AICTE Investor Network attended by Dr. Ishwar Bagoji, Praveen Naik and Ajit Bagali in IIC Lab

3. Workshop on Design Thinking, Critical Thinking and Innovation Design:

Introduction: On 06-02-2024, an impactful event held at anatomy gallery hall featuring a motivational session titled workshop on Design Thinking, Critical Thinking and Innovation Organized by BLDE (DU), Shri B.M. Patil Medical College, Hospital and research centre and IIC, the session aimed to provide attendees knowledge about design thinking, critical thinking

Session Overview: The event focused on a single distinguished speaker, Mr. Sangappa Teli, who shared knowledge about design thinking, critical thinking and innovation design in a captivating session. Dr. Bagoji's introduction added context to the significance of innovation in medicine, creating an atmosphere of motivation and shared learning.

Speaker: Mr. Sangappa Teli, an expert in their field, led the session, offering insights of innovation and creativity into their personal journey and experiences. Their expertise and case study served as a source of inspiration, providing a passion, and the pursuit of innovation

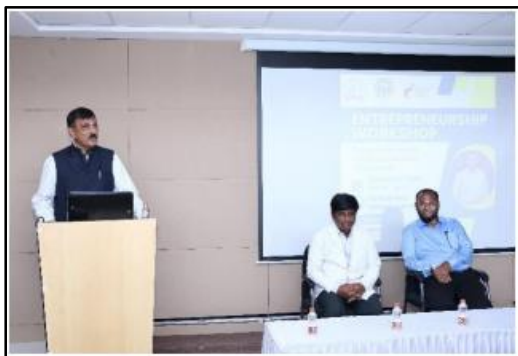
Conclusion: The "Design Thinking, critical Thinking and Innovation Design" talk, with Mr. Sangappa Teli and introduced by Dr. Ishwar Bagoji, really informative. It made students feel inspired and motivated all over again. The event showed how being determined and creative can help you succeed. It was a strong and helpful experience.



4. Organized Workshop on Entrepreneurship Skill, Attitude and Behavior Development:

Introduction: The Entrepreneurial Skill, Attitude and Behavior Development Workshop took place on 17-02-2024 at Lecture hall, Trauma center. Its main goal was to help healthcare students and professionals become better at entrepreneurship and develop the skills, attitude, and behavior needed to succeed in this area. The event was put together by BLDE (DU), Shri B.M. Patil Medical College, Hospital and research Centre and IIC. The workshop commenced with a warm welcome from the Principal Sir, who highlighted the significance of entrepreneurship in today's world. He emphasized the role of AI and encouraged students to cultivate an entrepreneurial mindset to make a difference, especially in fields like healthcare.

Conclusion: In conclusion, the Entrepreneurship Skill, Attitude, and Behavior Development workshop have equipped the students with the necessary tools and mindset to embark on their entrepreneurial journey. Through Bagali's insightful presentation and compelling case studies, they have gained a deeper understanding of the essential qualities required for success in the entrepreneurial sphere. As the students move forward, these newfound insights and knowledge to pursue their entrepreneurial endeavors, with the aim of making a positive impact on society. We extend our heartfelt thanks to the Principal Sir and the speaker for a truly enriching experience.



5. Visit to CAMR:

Introduction:

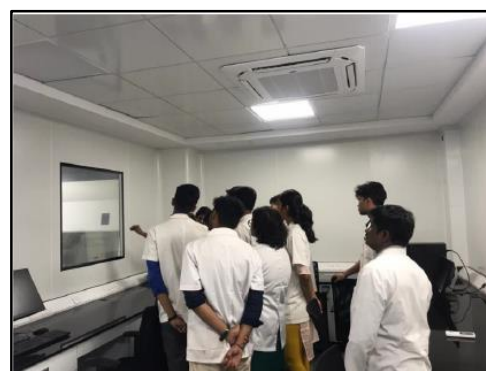
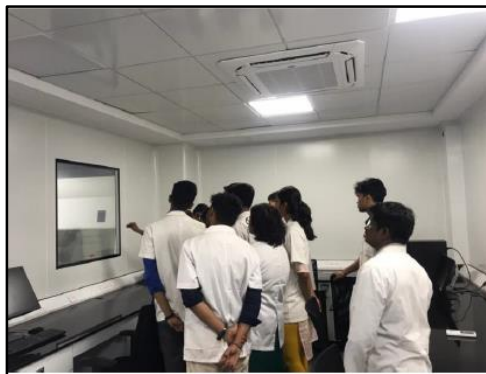
On 02-03-2024, BLDE (DU), Shri B.M. Patil Medical College, Hospital and research center and IIC organized a lab visit to the Centre for Advanced Medical Research (CAMR). The purpose of the visit was to provide students with an insight into the cutting-edge equipment and research activities conducted at CAMR, fostering their interest in medical research and technology.

Session Overview:

The visit commenced with a warm welcome from Dr. Ishwar Bagoji, IIC convener, who introduced the students to Dr. Chandramouli Reddy, Assistant Director of CAMR. The Assistant Director, a researcher with expertise in Bio-chemistry, then took the lead and provided a comprehensive overview of the laboratory facilities and equipment.

Conclusion:

The Exposure Visit to CAMR provided students with valuable insights into the world of medical research, exposing them to advanced laboratory equipment and techniques. We extend our gratitude to Dr. Chandramouli Reddy and the CAMR team for their informative session.



6. Innovation and Entrepreneurship Outreach Program organized at BLDE Nursing College, Tikota on 12-03-2024.

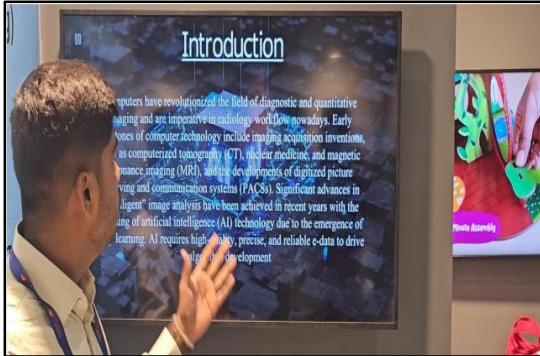
The "Innovation and Entrepreneurship Outreach Program" activity was organized by the BLDE (DU), Shri B. M. Patil Medical College and IIC to promote innovation and entrepreneurship in the colleges. The program aimed to raise awareness about the importance of innovation and entrepreneurship and encourage students and faculty of the college to develop their entrepreneurial skills. The activity was held on 12-03-2024 and was attended by students, faculty.

Conclusion:

Our outreach program at BLDE Nursing College successfully engaged students in discussions about innovation and entrepreneurship. Through the insightful talks by Dr. Bagoji and Ajit, attendees gained valuable insights into these topics and left feeling inspired and motivated to explore new ideas and opportunities. We hope to continue fostering a culture of innovation and entrepreneurship among students and look forward to future collaborations with BLDE Nursing College.



7. Students presented their ideas regarding the Artificial Intelligence (AI) in the field of medicine on this prestigious platform in Bharat mandapam mentored by Dr.Ishwar Bagoji on 20th March 2024 at Bharat Mandapam & Pragati Maidan, New Delhi. The event was led by ASSOCHAM along with industry stakeholders such as NASSCOM, IVCA and well supported by government organizations like DPIIT.



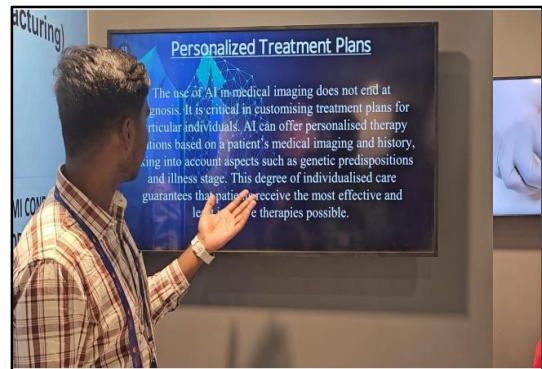
Mr. Mallikarjun Dandgund of MBBS phase-1 by giving the introduction on artificial Intelligence (AI) in the field of medicine



Mr. Manvanth Kumar of MBBS phase-1 presenting the uses and improvements in AI



Ms. Mehak Jindal of MBBS phase-1 presented about the predictive analytics and proactive healthcare which can be brought into the AI in the coming future



Mr. Anoop Gokhale of MBBS phase-1 gave his ideas on personalized treatment plans which can be accessed by individual through Artificial Intelligence coming future



Ms. Aditi and Mr. Ankush of MBBS phase-2 presenting the Features of AI to the conference director of the startup program



Wrapped up the presentation successfully

Research Projects - Intramural

Faculty Intramural Research Grant: 2023-2024 (Rs. 72,00,827)

Sl. No	Name of the PI	Research Topic	Sanctioned Grant
1	Dr. Vidya Patil Professor, Dept. of Anesthesiology, Shri B. M. Patil Medical College Hospital & Research Centre, BLDE DU, Vijayapura 586103	Opioid Based vs Opioid Free Anaesthesia to Compare the Levels of Inflammatory Markers in Total Abdominal Hysterectomies - General/ Spinal/ Epidural Anaesthesia	198000
2	Dr. Nilima Dongre Professor, Dept. of Biochemistry, Shri B. M. Patil Medical College Hospital & Research Centre, BLDE DU, Vijayapura 586103	The Role of Pithecellobium Dulce in " Modulating Rheumatoid Arthritis Cell Line" by In-silico and In-vitro studies.	400000
3	Dr. R Chandramouli Reddy Assistant Professor, Dept. of Biochemistry, Shri B. M. Patil Medical College Hospital & Research Centre, BLDE DU, Vijayapura 586103	Identifying Gut microbiota diversity in children born through normal delivery and Cesarean Section and its influence on infant immune status	500000
4	Dr. Nandini Takkalaki Associate Professor, Dept. of Biochemistry, Shri B. M. Patil Medical College Hospital & Research Centre, BLDE DU, Vijayapura 586103	Effect of thyroid dysfunction on bone turn over markers in evaluation of metabolic bone disorder	350000
5	Dr Deepak Chinagi Assistant Professor, Department of Medicine, Shri B. M. Patil Medical College Hospital & Research Centre, BLDE DU, Vijayapura 586103	Study of non-alcoholic fatty liver disease and left ventricular Diastolic dysfunction in middle-aged adults in tertiary care hospital	300000
6	Dr. Rashmi M Karigoudar, Assistant Professor, Department of Microbiology, Shri B. M. Patil Medical College Hospital & Research Centre, BLDE DU, Vijayapura 586103	Utility of Interferon Gamma Release Assay and Tuberculin Skin Test for Screening Latent Tuberculosis Infection among Healthcare Workers - A Comparative Study	125000
7	Dr Rajasri G Yaliwal Professor, Dept. of OBGY, Shri B. M. Patil Medical College Hospital & Research Centre, BLDE DU, Vijayapura 586103	A randomised control study to evaluate the safety and efficacy of levetiracetam in comparison to magnesium sulphate in the management of severe pre-eclampsia	371762

8	Dr. Keerti Wali Assistant Professor, Dept. of Ophthalmology, Shri B. M. Patil Medical College Hospital & Research Centre, BLDE DU, Vijayapura 586103	Safety And Efficacy Of Rho-Kinase Inhibitor For Treatment Of Postoperative Striate Keratopathy	170350
9	Dr. Rekha R Mudhol Professor and HoD, Department of Ophthalmology, Shri B. M. Patil Medical College Hospital & Research Centre, BLDE DU, Vijayapura 586103	A comparative study of efficacy and safety of 0.5% ropivacaine and mixture of 0.5% bupivacaine and 2% lidocaine on intraocular pressure before and after peribulbar block in cataract surgery: A randomised clinical trail	23715
10	Dr. Keerti Wali Assistant Professor, Dept. of Ophthalmology, Shri B. M. Patil Medical College Hospital & Research Centre, BLDE DU, Vijayapura 586103	A comparative study of efficacy of prophylectic use of lubricating eye ointment, eye taping and their combination in preventing exposure keratopathy in critically ill patients: A pilot study	40000
11	Dr. Mamatha K Associate Professor, Dept. of Pathology, Shri B. M. Patil Medical College Hospital & Research Centre, BLDE DU, Vijayapura 586103	The study of expression of glucocorticoid receptor, androgen receptor, and vitamin D receptor in Breast carcinoma by immunohistochemistry in correlation with Molecular subtypes and clinicopathological parameters	400000
12	Dr. Savitri M Nerune Professor, Dept. of Pathology, Shri B. M. Patil Medical College Hospital & Research Centre, BLDE DU, Vijayapura 586103	Study of Pattern of Hemoglobinopathies and Hemoglobin Variants in Pregnancy by HPLC and Evaluation of Thalassemia Cases for Common Mutations	500000
13	Dr. M. M. Patil Professor & HoD, Dept. of Pediatrics, Shri B. M. Patil Medical College Hospital & Research Centre, BLDE DU, Vijayapura 586103	Identifying the effect of mode of delivery on the immune status of the infant	500000
14	Dr. Latha S Assistant Professor, Dept. of Pharmacology, Shri B. M. Patil Medical College Hospital & Research Centre, BLDE DU, Vijayapura 586103	Expression of Sirtuin 1 and Sirtuin 6 and its correlation in patients with Type 2 Diabetes Mellitus	250000
15	Dr. latha S Assistant Professor, Dept. of Pharmacology, Shri B. M. Patil Medical College Hospital & Research Centre, BLDE DU, Vijayapura 586103	Therapeutic Drug Monitoring and Estimation of Undernutrition Among Adult Household Contacts of TB Patients on TB Preventive Treatment	295000

16	Dr. Santosh Ramdurg Professor & HoD, Dept. of Psychiatry, Shri B. M. Patil Medical College Hospital & Research Centre, BLDE DU, Vijayapura 586103	Assessment of Relationship between body image perception and food habits of MBBS students	15000
17	Dr. Seeta M. Biradar, Professor & Head of the Dept. Roganidana evum Vikrutivijanan, BLDEA'S AVS Ayurveda Mahavidyalaya, Vijayapura	A randomized comparative clinical study to evaluate the efficacy of brahmi ghrita and kalyanaka ghrita in the management of stress as a causative factor in unexplained primary infertility	460000
18	Dr. Sateesh S. Patil Professor and HoD, Dept. of Swasthavritta, BLDEA'S AVS Ayurveda Mahavidyalaya, Vijayapura	Efficacy of Integrated Yoga and Ayurveda Intervention on Blood Glucose Control, Fatigue, Perceived Stress and Sleep Quality in Type 2 Diabetes Mellitus: A Randomized Controlled Trial	150000
19	Dr. Doulabi M Choudhari, Assistant Professor, Dept. of Kaumarabhritya, BLDEA'S AVS Ayurveda Mahavidyalaya, Vijayapura	To Evaluate the efficacy of takradhara in attention deficit hyperactivity disorder	95000
20	Dr. Mallamma H Biradar, Professor, Dept. of Agada Tantra & Vyavahara Ayurveda, BLDEA'S AVS Ayurveda Mahavidyalaya, Vijayapura	Evaluation of Anti- Amnesic Activity of Vidanga Beeja Churna (Embelia ribes seed powder) in Scopolamine - induced memory impairment in Rats.	170000
21	Dr. Khazi Rahimbi Babuddin Associated Professor, Dept. of Rasa Sastra Evam Bhaishajya Kalpana, BLDEA'S AVS Ayurveda Mahavidyalaya, Vijayapura	A Pharmaceutico - Analytical Study of Modified Draksha Avaleha as Draksha Vati with Loha Bhasma & a Physicochemical analysis to develop standards	220000
22	Dr. Sunanda Nandikol Assistant Professor, BLDEA's SSM College of Pharmacy & Research Centre, Vijayapura	Role of Clinical Pharmacist in identification and assessment of medication related problems in CKD patients by performing TDM testing	200000

23	Dr. Shridharkumar S. Biradar Assistant Professor, Department of Pharmacology, BLDEA's SSM College of Pharmacy and Research centre Vijayapura	Preparation and Evaluation of Herbal Formulation Containing Extracts and Fractions of Sweet Pods of Prosopis juliflora for Antioxidant Activity in Rats	250000
24	Dr. Rudragouda G. Patil, Associate Professor, Dept. of Pharmaceutics, BLDEA's SSM College of Pharmacy & Research Centre, Vijayapura	Development and Evaluation of Simvastatin Loaded Polymeric Microsphere for the Treatment of Hyperlipidemia in Albino Rats	92000
25	Dr. Shripad S Potadar Associate Professor Pharmaceutical Quality Assurance, BLDEA's SSM College of Pharmacy & Research Centre, Vijayapura	Development and Validation of a New Analytical method for the determination of organophosphates present in the selected fruits and vegetables samples	300000
26	Dr. Gururaj B. Gour Associate Professor, Electronics and Communication Engineering, BLDEAs V.P.Dr.P.G.Halakatti College of Engineering and Technology, Vijayapur, Karnataka, India.	Role of chanting in modulating stress among menopausal women	225000
27	Dr. Ravindra Kondaguli Mechanical Department, BLDEAs V.P.Dr.P.G.Halakatti College of Engineering and Technology, Vijayapur, Karnataka, India.	Energy Harvesting for Wearable Biomedical Devices	300000
28	Dr. Kailash S. Chadchan Assistant Professor, Department of Chemistry, BLDEA's V. P. Dr. P. G. Halakatti College of Engineering and Technology, Vijayapura - 586103	Synthesis of green nano particles from few North Karnataka plant extracts and applications in antidiabetic efficacy study in silico and in vitro	150000
29	Dr. Iresh G. Bhavi Associate Professor, Mechanical Engineering, BLDEA's V. P. Dr. P. G. Halakatti College of Engineering and Technology, Vijayapura - 586103	Testing and Analysis of Bionic Structures for Manufacturing of Walking Aids for Physically Challenged	150000

Research Projects - Extramural

Name	Agency	Title	Amount (Rs.)
<p>Dr. Prachi Parvatikar, Assistant Professor, Biotechnology, Allied Health Science, BLDE (Deemed to be University) (Principal Investigator)</p> <p>Dr. A. V. Raghu, Professor & the Coordinator, School of Applied Science & Technology, Allied Health Science, BLDE (Deemed to be University) (Co- Principal Investigator)</p>	VGST	Identification of Anti-cancer activities of isolated bioactive compounds from Terminalia arjuna on MicroRNA Expression Profiles on Hepatocellular Carcinoma Cells	20,00,000
<p>Dr. Santosh Ramdurg (PI) Professor, Department of Psychology, Shri B.M. Patil Medical College, Hospital and Research Centre, BLDE (Deemed to be University) (Principal Investigator)</p>	NURA USA LLC	A 3-arm Randomised, double-blind, placebo-controlled Study Comparing Griffonia simplicifolia and a Novel Propriety Mushroom Blend on Mood and Sleep Quality Enhancement in Young Adults	4,80,000

Publication and Bibliometrics - 32 Articles Published

Sl. No.	Author	Title	Journal Name	Vol. (Issue) Pages	Jrl Origin	Department	Journal indexed in	Type of article
1	Sanmitra Aiholli, Keshavmurthy A Adya, Arun C Inamadar.	Role of Hematological Indices as Predictors of Systemic Inflammation in Dermatology	Indian Dermatol Online J	15(2): 188-195	Indian	Skin	Scopus, PUBMED, WoS, UGC,	Review article
2	Lavanya Pidikiti, Anilkumar Sajjan, Raghavendra H. Gobbur, Siddu Charki, Vijayakumar Biradar, M.M. Patil.	Malondialdehyde as a Prognosticating Marker for Staging of HIE - A Prospective Cohort Study	Int J Child Health Nutrition	13(1): 25-30	Int	Pediatrics	Scopus, WoS, UGC	Original article
3	Nikhita Anil Sankolli, Sunil Gurupadappa Biradar, Praveen Shahapur, Mervin Jonathan Israel.	The Clinical and Microbiological Characteristics of Fungal Keratitis in COVID-19 Period.	J Datta Meghe Inst Med Sci Univ	9(1): 133-138	Indian	Ophthalmology, Microbiology	Scopus, UGC	Original article
4	Pooja Todlabagi, R. Manjula, Anjali, Mallikarjun Yadavannavar.	Diabetic Distress in Adults with Type II Diabetic Mellitus: A Community Based Study.	J Datta Meghe Inst Med Sci Univ	9(1): 151-155	Indian	Community	Scopus, UGC	Original article
5	Deepa S Sajjanar, Indira A Hundekari, Rekha Udgiri, VG Warad, Sanjeev L Sajjanar.	Development and Validation of a Food Frequency Questionnaire for Use in Epidemiological Studies Among North Karnataka Population.	Natl J Community Med	15(4): 289-298	Indian	Biochemistry, Community, Medicine, Cardiology	Check later Scopus, UGC	Original article
6	SM. Biradar, C Vineeth Kumar, K Sainadh, NS Vinay Kumar, P Avinash, AP. Ambali, Shashidhar Devaramani, Akram Naikwadi, Abhishek B, SR. Awasthi, Prashanth Jorapur.	Impact of Breathing exercise and Inhalation Technique on patient's Quality of Life among Asthma and COPD patients.	Res J Pharm Technol	17(1): 368-372	Indian	Med, Pharmacol	Scopus, UGC	Original article
7	Vinay Kundargi, Santosh Patil, Vikas Shukla, Siddanagouda B Patil.	Spontaneous occurrence and expulsion of a massive Steinstrasse.	BMJ Case Rep	17(2): e259065	Int	Uro	Scopus, PUBMED, WoS, UGC	Image in

8	Ali Jawad Akki, Pratheek Jain, Ravindra Kulkarni, Raghavendra Rao Badkillaya, Raghavendra V. Kulkarni, Farhan Zameer, V Raghu Anjanapura, Tejraj M. Aminabhavi.	Microbial biotechnology alchemy: Transforming bacterial cellulose into sensing disease- A review.	Sensors Int	5: 100277	Int	S & T	Scopus, UGC	Original article
9	Charki, Siddu, Patil S.V, Vijayakumar S., Kolkar, Yalaguram	Erythropoietin in Neonates with Perinatal Asphyxia Undergoing Therapeutic Hypothermia—A Prospective Cohort Study	J Neonatol	DOI 10.1177/09 732179231 194455	Indian	Ped	Scopus	Original article
10	Prasanna Kumar B.M, Doddihal, Chandrika, Patil, Shailaja, Pattankar, Tanuja.	Scientific Landscape of Climate Change Impact on Child Health: A Bibliometric Analysis.	Natl J Community Med	15(1): 36- 46	Indian	Library, Community	Scopus, UGC	Original article
11	Nagappa Shivaprasad, Mysore Guruswamy Veena, Beejaganahalli Sangameshwara Madhukar, Rajanna Kavya, K. Sarath, Pradeep Reddy Vanga, Geoge Sahaya Dennish Babu, Bhagyashree Mahesha Sachith, Anjanapura Venkatarmanaiah Raghu.	Highly flexible, green luminescent down converting and hydrophobic 0-D cesium lead bromide (Cs ₄ PbBr ₆)/ poly (vinylidene difluoride) polymer nanocomposites for photonics and display applications	Inorganic Chem C	159: 111761	Int	S & T	Check later Scopus, WOS, UGC	Short Communi cations
12	K.N. Harish, Sathish Reddy, M.S. Dharmaprakash, Sharanappa Chapi, B.S. Surendra, H.S. Bhojya Naik, B. Vinay Kumar, Anjanapura V. Raghu.	Solar photoactive magnesium substituted copper ferrite photocatalysts for Rose Bengal treatment.	Results Chem	7: 101246	Int	S & T	Scopus, WoS, UGC	Original article

13	Priya S Nair, Sridevi Mulimani, Jyoti Mantur, Anusha Suntan	Evaluation of Ultrasonography with Conventional Clinical Parameters for Predicting Difficult Laryngoscopy.	Arch Anesth Crit Care	10(1): 36-42	Int	Anesthesiology	Google Scholar	Original article
14	Lakshmi S Pillai, Sridevi Mulimani, Anusha Suntan, Deepa S Dandoti.	Comparison of Time Taken for Intubation (TTI) in Conventional Laryngoscope with Video Laryngoscope for Endotracheal Intubation In Laproscopic Surgeries.	Arch Anesth Crit Care	10(1): 75-81	Int	Anesthesiology	Scopus, UGC	Original article
15	Hegde Rajat, Hegde Smita, Kulkarni S. Suyamindra, Das K. Kusal, Gai B. Pramod.	Glutathione S Transferase Theta1 and Mu1 (GSTT1 and GSTM1) Deletion Among Autistic Population of India.	Curr Psych Res Rev	20 (2)	Int	Physiology, Anatomy	CHECK SCOPUS, WoS, UGC	Original article
16	Akki, Ali Jawad, Hiremath, Lavanya D, Badkillaya, Raghavendra Rao.	Harnessing Symbiotic Association of Lactic Acid Bacteria and Cellulose-Synthesizing Bacteria for Enhanced Biological Activity	Iranian J Sci	DOI 10.1007/s40995-023-01567-8	Indian	S & T	Scopus	Original article
17	Sanakousar, Patel K, Prachi, Parvatikar, Supriya, Bhosale, Sumangala, Patil, Kusal, Das K.	Repurposing of potential bioactive compounds from various database to study their effects on MMP-7 by virtual screening.	Res J Biotech	19(2): 14-19	Indian	Physiology, S & T	Scopus, WoS, UGC	Original article
18	Sayandeep K. Das, Savitri M. Nerune, Kusal K. Das	Antioxidant therapy for hepatic diseases: a double-edged sword.	J Basic Clin Physiol Pharmacol	DOI 10.1515/jbcpp-2023-0156	Int	Pathology, Physiology	Scopus, PUBMED, WOS, UGC	Original article
19	Kavya Kalidasan, Srinivas Mallapur, K Munirathnam, H Nagarajaiah, M B Madhusudana Reddy, Raghava Reddy Kakarla, Anjanapura V Raghu.	Transition metals-doped g-C3N4 nanostructures as advanced photocatalysts for energy and environmental applications.	Chemosphere	10(1): 75-81	Int	Allied	Scopus, PUBMED, WoS, UGC	Original article

20	Ashwini Rayar, Sharanappa Chapi, M.V. Murugendrappa, G. Babaladimath, K.N. Harish, Raghava Reddy Kakarla, Anjanapura V. Raghu.	Organic conjugated polymers and their nanostructured composites: Synthesis methodologies and electrochemical applications	Nano-Structures & Nano-Objects	37: 101102	Indian	Allied	Scopus, UGC	Original article
21	Kannan K, Hemavathi B, Radhika D, Manjunath H.R, Kumar K, Lakkaboyana S.K, Kakarla Reddy, Raghava, Raghu, Anjanapura V.	Facile synthesis of novel ZnO-MgO nanohybrids and its photocatalytic degradation of toxic pollutants.	Desalination Water Treatment	317: 100125	Int	Allied	Scopus, WoS, UGC	Original article
22	Dhiraj M Patil, Basavaraj S Hunasagi, Anjanapura V Raghu, Raghavendra V Kulkarni, Krishnacharya G Akamanchi.	Optimisation of enzyme-assisted extraction of camptothecin from Nothapodytes nimmoniana and its characterisation.	Phytochem Anal	doi: 10.1002/pc a.3331	Int	Allied	Scopus, Wos, PUBMED, UGC	Original article
23	Prakash M Patil, Neelamma G Patil, Naqsh Thakur, Shrey Kumar.	Effects of socio-demographic parametrs on anemia in antenatal women in Vijayapur district of North Karnataka- A cross sectional study.	IP J Diag PatholOncol	9(1): 62-68	Indian	Pathology, OBG	Google Scholar	Original article
24	M. S. Kotennavar, Aravind V. Patil, Pradeep Jaju, Narendra Ballal	A Rare Case of Nicolau's Syndrome (Embolia Cutis Medicamentosa) Following Intramuscular Diclofenac Sodium Injection in a Young Adult.	Indian J Surg	https://doi.org/10.1007/s12262-023-04011-8	Indian	Surgery, Community	Scopus, WOS, UGC	Case Report
25	Deepa Kundargi, Vijayakumar Biradar, Siddu Charki, M M Patil.	Pulmonary vasodilator therapy in neonates with hypoxic respiratory failure - a prospective cohort study.	J Popul Ther Clin Pharmacol	31(2): 271-285	Int	Pediatrics	Embase	Original article

26	Nirmala Devi Kagalkar, Anusha Suntan, Puneeth Kumar S, Vidya Patil.	Ultrasound-guided erector spinae plane block for postoperative analgesia after percutaneous nephrolithotomy.	J Cardivasc Dis Res	15(2): 1517-1526	Indian	Anesthesiology	Embase	Original article
27	K. Priyanga, Rekha Udgiri.	To assess the health status and menopausal symptoms of postmenopausal women in urban field practice area of tertiary care hospital Vijayapura - Karnataka.	Int J Modern Pharma Res	8(4):	Indian	Community	Otherthan EBSCO Host / Google Scholar	Original article
28	Arun P. Sasi, Rekha S. Udgiri.	Stress among doctors doing residency: a cross sectional study at a tertiary care hospital in Vijayapura, Karnataka.	Int J Community Med Public Health	11(3):1246-1251	Indian	Community	Otherthan EBSCO Host / Google Scholar	Original article
29	Udgiri Rekha, Ganganahali Praveen.	Evaluation of the Feedback on the Attitude, Ethics, and Communication Module by First-Year Faculty Members in Medical Colleges.	Strides Dev Med Educ	21(1):36-40.	Int	Community	check later for DOAJ. Otherthan EBSCO Host / Google Scholar	Original article
30	Swapnil Shah, Shriya Shah, Amruthvarshini Inamadar, Arun Inamadar.	Port-wine stain associated with membranous aplasia cutis congenita and hair collar sign.	BMJ Case Rep	17(2):e259892	Int	Skin	Scopus, PUBMED, WoS, UGC	Image in

31	Beardmore-Gray, Alice; Vousden, Nicola; Seed, Paul T.; Vwalika, Bellington; Chinkoyo, Sebastian; Sichone, Victor; Kawimbe, Alexander B.; Charantimath, Umesh; Katageri, Geetanjali; Bellad, Mrutyunjaya B.; Lokare, Laxmikant; Donimath, Kasturi; Bidri, Shailaja; Goudar, Shivaprasad; Sandall, Jane; Chappell, Lucy C.; Shennan, Andrew H	Planned Delivery or Expectant Management for Late Preterm Pre-eclampsia in Low-Income and Middle-Income Countries (CRADLE-4): A Multicentre, Open-Label, Randomized Controlled Trial.	Obstet Gynecol Survey	79(2): (2): 73 - 75	Int	OBG	Scopus, WoS, UGC	Original article
32	Sharan Badiger, Shruti Hiremath.	Importance of Positive T-wave in Lead aVR and Major Adverse Cardiac Events in Patients with ST Elevation Myocardial Infarction: A Cohort Study.	J Clin Diagn Res	18(1): OC53-OC56	Indian	Medicine	WoS, UGC, Embase	Original article

Patents

Sl. No.	Application No.	Status of IPR	Inventor/s Name	Title
1	202041023339	Granted (29.02.2024)	Dr. G. A. Hadimani, Dr. I. B. Bagoji, Dr. R S Bulagouda, Dr.Kusal Das, Dr. Aravind Patil, Laxman	Novel Embalming Machine (Utility)
2	202041038117	Granted (11.03.2024)	Dr. I. B. Bagoji, Kanhu Charan, Dr. Girish Khodnapur	A Novel foldable artificial leg (Utility)



Research Activities

1. Brain Storming Workshop on Promotion & Proactivation of Research and Innovation at BLDE (DU) organized on 23.02.2023 in Academic Council Hall, University Building.



2. BMJ Author Workshop on 29.02.2024 in the IQAC, University Building in collaboration with IQAC and Central Library.

Resource Person: Dr. Seema Biswas, Editor-in-Chief BMJ Case Reports.



3. Guest Lecture on “What can we learn from each other about the treatment of rare diseases?” on 29.02.2024 in the Medical Education Hall in Collaboration with the Central Library and IQAC.

Resource Person: Dr. Seema Biswas, Editor-in-Chief BMJ Case Reports.



4. Workshop on “Good Clinical Practice” organized on 5th and 6th March, 2024 at Medical Education Unit for 2023-24 PG Batch Students.

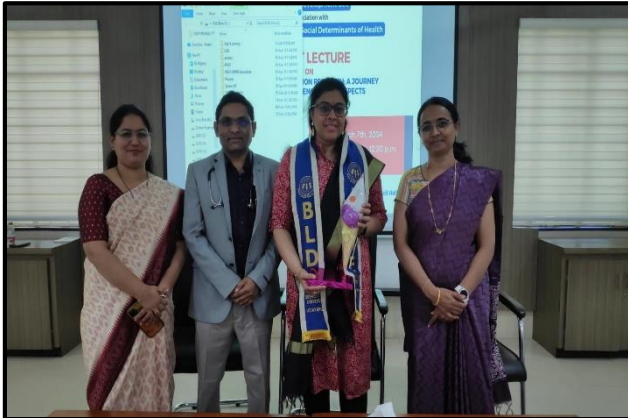
Resource Persons: Dr. Gaurav Mathur & Dr. Najarahe Urs from ISCR, Bangalore.



5. Guest Lecture organized on “Unveiling Translation Research: A Journey through Experience and Prospects” in Collaboration with Centre of Excellence for Social Determinants of Health on 07.03.2024 in Academic Council Hall, University Building.

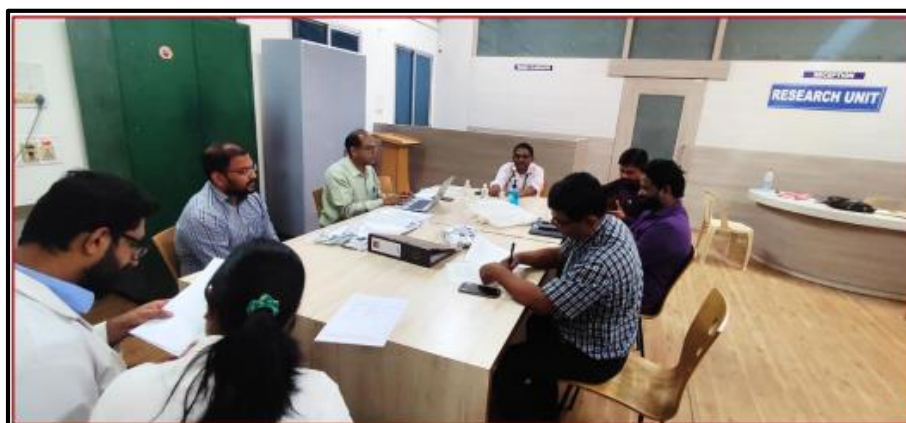
Resource Person:

Dr. Ranjani Harish, Sr. Scientist, HoD, Preventive & Research, Madras Diabetes Research Foundation, Chennai.



Research Meetings

Sl. No	Date	Name of the Meeting	Agenda
1	19.02.2024 & 20.02.2024	Site Visit / Investigator Meetings	Agreement of Clinical trial "Mood/Sleep quality" with Dr. Santosh Ramdurg, Dept. of Psychiatry
			Brief meetings with potential investigators
			Briefing on the Bioagile Pvt. Limited
2	18.03.2024	Research Review Committee	Research Proposals Review
			Re-notification of the existing Research Review Committee
3	19.03.2024	SMO Meeting	Approval of the SOP for the SMO
			Potential PI and Co-PI Profile Update
			Sensitization & Promotion Activities
4	20.03.2024	IEC Meeting	Review and Approval of Research Proposals



Site Visit / Investigator Meetings held on 19.02.2024 at SMO Office



Research Incentives

Below Faculty members received Incentives for Publications:

Sl. No	Name	Amount
1	Dr. K Mamatha	15,000
2	Dr. Sandeep G Yankachi	10,000
3	Dr. Prasanna Kuma B M	10,000
4	Dr. Sneha Jawalkar	10,000
5	Dr. Vijaya Patil	10,000
6	Dr. Aparna Sajjan	10,000
7	Dr. Basavaraj S Aski	10,000
8	Dr. Anand Nimbale	20,000
9	Dr. Shruti A Patil	10,000
10	Dr. Rekha Udgiri	10,000
11	Dr. Vinay Kundaragi	10,000
12	Dr. Prachi P Parvatikar	40,000
13	Dr. Priya Vishwakarma	10,000
Total		1,75,000

Awards and Recognitions - Faculty

1. **Dr. Anand Patil**, served as Faculty in the “Three Day Residential Training Programme on Prevention and Care for Dementia”, organized by the National Institute of Social Defense, Ministry of Social Justice and Empowerment, GoI in collaboration with Nightingales Medical Trust, RRTC – Age Care and in association with BLDE DU Shri. B. M. Patil Medical College Hospital and Research Centre, Vijayapura from 03.01.2024 to 05.01.2024 at Vijayapura, Karnataka.



2. **Dr. Anand Ambali**, participated as “Resource Person” in the Seminar on “Geriatric Care”, held on 27.01.2024 at mini auditorium, College of Nursing, AIIMS, Bhubaneswar.



3. **Dr. Chandu Basavaraj** was presented as the Best CBR Physiotherapist by the 1st Karnataka PHYSIOCON organised on February 16th and 17th, 2024.



4. **Dr. Anand Ambali**, participated as “Speaker” in the “79th Annual Conference of Association of Physicians of India”, held on 22nd – 25th February 2024 at Bharat Mandapam (IECC), New Delhi.



5. **Dr. Girish Bisanal** participated as Judge of the Oral/Poster Competition in the National Conference of Nitte Imaging Technology organized on the occasion of Silver Jubilee Celebration of KSHEA by Division of Medical Imaging Technology & Department of Radiology, KSHEMA, Nitte (Deemed to be University), Mangalore, Karnataka in association with Indian Society of Radiographers and Technologies (ISRT) & Karnataka Allied and Healthcare Professional Association (KAHPA) on 2nd and 3rd March 2024.



6. **Dr. Prachi Parvatikar**, received **Teachers Associateship for Research Excellence (TARE)** from Science and Engineering Research Board.

Awards and Recognitions - Students

1. **Dr. Linette Pearl Mathias** - 1st Prize in E-Poster Presentation at KSCASICON 2024 - 42nd Annual Conference of Karnataka State Chapter of Association of Surgeons of India at Dharwad.



2. **Dr. Jaya Srinivas** - First Prize in "Dr. B R RAMA RAO Oral Presentation Award Paper @ Mangalore Pedicon 2024".



3. **Mr. Rahul Gandoli** - Third Prize in the Poster Competition (UG Category) at the National Conference of Nitte Imaging Technology NCNIT 2024 at Mangalore on 2nd & 3rd March 2024.



4. **Ms. Renuka Choudapur** - Third Prize in the Poster Competition (UG Category) at the National Conference of Nitte Imaging Technology NCNIT 2024 at Mangalore on 2nd & 3rd March 2024.



Collaborations - MoU

Name of the partnering institution/ industry /research lab/corporate house with contact details	Year of commencement	Duration	Activities under MoU
ICMR Advanced Centre for Evidenced Based Child Health (ACEBCH), PGIMER, Chandigarh, Punjab	25.01.2024	1 Year	Academic and Research Activities for mutual benefit of both parties, notably in the area of evidenced synthesis (through systematic reviews, or health economic analysis, or health technology assessment), and/ or evidenced based guideline development healthcare problems in India: and/or capacity building of healthcare professionals to generate high quality evidence through primary and secondary research.
Department of Pediatric Hematooncology, Muzumdar Shaw Hospital, Narayana Health City, Bengaluru	02.02.2024	3 Year	Exchange of research material, publications and research information
			Organization of joint research programmes
			Posting of Post Graduates & Undergraduates to learn advances in Pediatric Hematooncology
			Certificate Courses and fellowships in medical and surgical Pediatric Hemato-oncology
			Exchange programmes in basic sciences like Pathology, Microbiology and Nutrition.
			Exchange of research students (Doctoral & Post-Doctoral) of basic science & clinical medicine
Dementia India Alliance	22.03.2024	3 Years	Promote the cause of Dementia Care in India by Organizing training programmes for Family Caregivers and Professional Caregivers

Collaboration - Linkages

Name of the partnering institution/ industry /research lab/corporate house with contact details	Year of commencement	Duration	Activities
Indian Society for Clinical Research (ISCR)	28.03.2024	NA	Increased awareness and knowledge on clinical research in India and facilitated its growth while maintaining highest standards of quality and ethics.

Revenue Generated from Consultancy

Sl. No	Name of Centre	Amount (Rs.)
1	TRBT Centre	2,45,669
2	Genetics Laboratory	17,200
3	Skill Laboratory	22,400
4	Consultancy Projects	17,000
5	Clinical Trials	30,000
Total		3,32,269



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