

International Yoga Day 2019



BLDEA's
V. P. Dr. P. G. HALAKATTI COLLEGE
OF ENGINEERING & TECHNOLOGY

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Editorial...

THE IMPORTANCE OF RESEARCH IN HIGHER EDUCATIONAL INSTITUTIONS

If we try to understand the history of evolution of human civilization then we will have to come across the innumerable number of discoveries and inventions responsible for providing us an exemplary comfortable lifestyle. This glamorous modern era is actually a transition of human life from stone Age to a scientific age. Had it not been the inquisitive minds working everywhere throughout the world, the plentiful comforts would have remained a myth. When we look back through the windows of history, we understand the importance of research in our lives. Who must do research is a big question and a matter of big fights especially in the educational Institutions across India. Obviously, the people who read, write, observe keenly, analyze every action and inaction of his surrounding acquires knowledge, wisdom which more often compels him to do research in the field of his/her interest. If a person tries to change a thing in the society for its benefit then he/she can achieve the goal by doing research. Doing research is indeed gives an opportunity to explore the possibilities, to understand the existing issues and to disclose truths. The higher education system in India faces various constraints and challenges to upgrade itself at par with the globalized trends. Apart from a few reputed institutes, no other institutes in India could acquire a rank in global lists of excellent institutions. This is because, not many institutes possess any mandatory goals to achieve excellence for individual faculty, and most do not have adequate systems or infrastructure for quality research. The recruitment procedures of the faculty members are also very often remains faulty due to societal and governmental constraints. The lack of an encouraging academic environment, ill-equipped libraries, labs and equipment, inadequate infrastructure, lack of funds, etc are some of the factors contributing to the dismal picture of research in Indian academic institutions. The inquisitiveness to do research leads to the quest for establishing a good laboratory, searching for similar minds and full dedication of the minds to do something wonderful for the benefits of students and society.

The quality of research work directly translates to the quality of teaching and learning in the classroom, thereby benefiting the students, the society and the country. The promotion of research in a huge and diverse country like India can be done through the higher educational institutions, the importance of doing research reaches to every minds by organizing seminars, conferences and workshops on the recent trends in every field which will help the nation ultimately to evolve as a knowledge reservoir in the international arena. History of engineering may not be a well discussed subject as yet, but a deep thought will support the idea of teaching and preaching of history of engineering to students. The modern lifestyle, be it is about the transport, constructions, materials, engines, airplanes, electricity or light, all are the contributions of great inventions and discoveries by legendary scientists. It is well-accepted fact that academic research has contributed enormously to find solutions to many problems faced by our society and industries. There have been multiple instances when industries have turned to academicians for finding solutions to vital issues. The need for sharing knowledge between research institutions and industry has become increasingly evident. The emerging importance of interdisciplinary fields has given rise to institutional collaborations that allow knowledge to be pooled together. The fervor of doing research is now taking the pace in Indian higher education institutions as there are lot of pressure from the central government to establish world class universities and institutions. To become a global phenomenon in education field the faculty members must be well versed with the recent trends in their fields, good communication skills to take their research findings to different platforms to attract efficient scientists for collaborative and interdisciplinary works. To enhance the research practice in every higher education institutions UGC has made it mandatory to celebrate Annual Research Day in the institutions to showcase the achievements in the research field. It is a very good initiative as an ocean can be built by accumulating the drops. The betterment of the nation lies in the better universities and institutions. Let this flavor continues and India gets more scientists and entrepreneurs in near future.

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International Yoga Day

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INSTITUTE RESEARCH DAY



RESEARCH TRENDS IN SCIENCE AND TECHNOLOGY

On the occasion of Institute Research Day, one day seminar on **'Research Trends in Science and Technology'** was jointly organized by Research and Development Cell and Library and Information Centre on May 25th, 2019 in collaboration Institution of Engineers (India) Dharwad Local Chapter and Indian Society for Technical Education (ISTE) New Delhi.

The seminar was organized to familiarize and educate the research scholars and faculty members with the recent trends in research and development in science and technology. The topics of the seminar were

chosen in such a manner to discuss the qualitative and quantitative measures in research, research funding agencies and avenues in the field of agriculture by eminent speakers. The seminar started with a welcome address by Dr. Ramesh S. Malladi, Institute R & D coordinator, he briefly explains the theme of the seminar and retrospective developments in the research activities in the institute. Dr. P. V. Malaji Vice-Principal (R & D) presented the Research and Development annual report and highlighted the achievements made in the year 2018. He also explained the steps

taken to enhance research activities in the institute. There are about 26 publications in Scopus Indexed databases and institute h-Index is 12. The total Citation is 676 and the total documents in the databases are 135 and Total authors are 78. Dr. M. M. Bachalapur, Chief Librarian introduced the Chief Guest Dr. S. R. Mahadeva Prasanna. Dr. K. S. Chadchan introduced the Guest of Honour Dr. I. S. Katageri Associate Dean (R&D) College of Agriculture, Vijayapur to the audience gathered on the occasion. Dr. V. P. Huggi, Principal has given the presidential remarks and he also highlighted the thrust area identified for research projects in the agricultural sector. The Chief Guest Dr. S. R. Mahadeva Prasanna spoke on the occasion.

Technical session-I

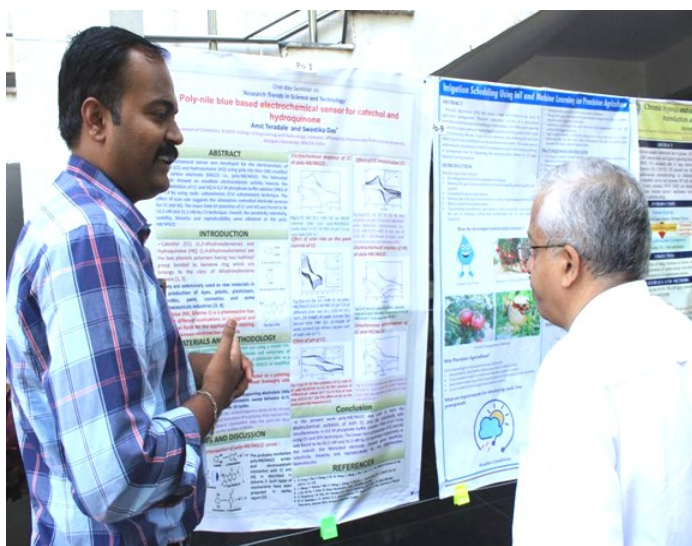
During First technical session, Dr. S. R. Mahadeva Prasanna, Dean (Research and Academics), IIT Dharwad discussed on the topic “Research: Quantitative and Qualitative Measures for Research Outcome”. He discussed the following topics: Benefits of Research, Better way for teaching, Early introduction to recent trends in the field, Freshness in thinking to remain up to date in the fast changing scenario.

Technical session-II

Dr. Kusal K. Das, Professor, BLDE Deemed to be University has talked on the topic “Ins & Outs of Research Grant Application”. During his presentation he discussed the following points: What is funding agency? Govt. or Non-govt. body providing monetary grants for scientific research Areas- Science and Technology, Social sciences, etc. Receiving Research grants is a Three-step process: Find Funding Sources, Prepare & Submit Proposal, Complete Follow-Up Tasks

Technical Session- III

Dr. I. S. Katageri Associate Director (R&D) has given the talk on Research Avenues in Agriculture. He discussed the following points: Early Detection of Disease for the crops using technological tools. Identification of Adulteration food Automation of agriculture implements, Marketing of Agricultural products Engineering applications for bio products Soil Conservation and Fertility.



POSTER PRESENTATION was arranged to showcase their innovative projects. 13 participants have participated in Poster presentation. Best two posters were considered for awards by the experts after critical assessment. Dr. Shrilaxmi Bagali, Department of Physiology of BLDE (DU) Shri. B. M. Patil Medical College, won first prize. She presented the poster on the topic “Chronic Hypoxia and cardiovascular electrophysiology signal transduction and role of drug Clinidipine”. The second prize was won by Shri. Amit Teradale, Research Scholar, Department of

Chemistry, BLDEA’s V. P. Dr. P.G. Halakatti College of Engineering and Technology, Vijayapura. His topic of poster was “Polynile Blue based sensor for Catechol and Hydroquinone”.

During the occasion, the following prizes were bagged by the faculty members and the departments for their achievement in research activities.

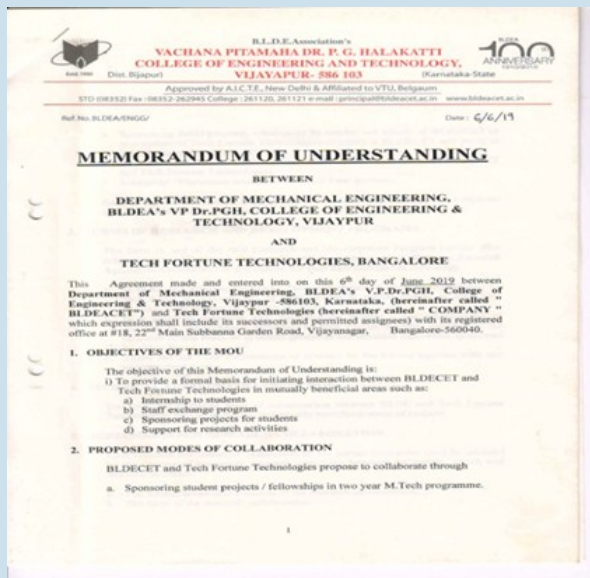
- Computer Science and Engineering Research Centre bagged the **Best Research Centre of the Year 2018**
- Prashant S. Patil (Mechanical Research Centre) received **Best Research Scholar of the year 2018**
- **Highest Research Publications for the year 2018**
First Prize - Dr. Swastika N. Das (Chemistry)
Second Prize- Prof. Ravi Hosur (Comp. Science and Engineering)
Third Prize- Dr. Prema T. Akkasaligar (Comp. Science and Engineering) and Prof. Basavaraj R. Hosamani (Automobile Engineering)



DEPARTMENT OF SCIENCE AND TECHNOLOGY—FELLOWSHIP

On behalf of Department of Science & Technology (Govt. of India), sanction of Federation of Indian Chambers of Commerce and Industry (FICCI) is accorded for award of ASEAN India research & Training Fellowship (AIRTF) under ASEAN - India Science and Technology Development Fund of Govt. of India to **Dr. Zar Zar Linn, Myanmar Institute of Information Technology (MIIT), Myanmar** for a period of 6 months starting from 18th June to 17th December 2019 under the guidance of Dr. Pushpa B. Patil, Professor and Head, Department of Computer Science & Technology, BLDEAs V. P. Dr. P. G. Halakatti College of Engineering & Technology, Vijayapur.

An MOU was signed between **“Department of Mechanical Engineering and TECH FORTUNE TECHNOLOGIES”, Bangalore** on 6/6/2019.





Guest Lectures

A guest lecture on “Career Awareness Program” was held on 6th May 2019. It was jointly organized by the Department of Electronics & Communication Engineering and Department of Electrical & Electronics Engineering to provide the guidance to the students regarding higher studies, development of soft skills and emerging technologies. The resource person was **Mr. Praveen Kumar Bhadrapur, Engineering Lead at Entelios AG, Berlin, Germany.**

- A guest lecture on “Competitive exams” was organized by the Civil Engineering department on 10th April 2019 for the benefit of final year students. The resource person was Mrs. Priyanka Kolhar, CEO, Sanmob Technologies Pvt. Ltd & Proprietor, Sandpoint coaching institute for competitive exams.
- Mr. Gautam Kumar, Techno-Commercial Design Manager, Ayeed Eid Al Osaimi Engineering, Saudi Arabia delivered a talk on **Opportunities for Civil Engineers** on 30th April 2019. Mr Gautam Kumar is an alumnus of our Institute whose talk motivated the students as they were enlightened about the different areas which can be explored by Civil Engineers.
- Shri. Santosh Bhoosthali, Technology Specialist, Honeywell Technologies, Bangalore, delivered a talk on “ Innovative Projects” on 22.04.2019 in the Department of Automobile Engineering. This lecture was arranged for the benefits of Final and Pre-Final year students.
- A Career guidance program was organised by Mr. Akash Kulkarni, Hardware Developer, Goldstone on 04/04/2019 to final and pre-final year students of Electronics and Communication Department.
- A Guest Lecture on “**Automation Software Testing**” was organized by the Department of Information Science & Engineering on 04/04/2019. The guest speaker was Mrs. Vidya Kamagond, Senior Project Engineer, Capgemini, Pune. She emphasized how industry is dependent on Automation Software Testing and benefits of Automation Software Testing in an industry.
- A Guest Lecture on “**Python usage in IT**” was organized by the Department of Information Science & Engineering on 08/04/2019. The guest speaker was Mrs. Aishwarya Patil, Trainee Engineer, C, Bangalore. She emphasized the importance of Python as an effective tool for Project Development.
- One week STTP program for students in association with ISTE and IEI was conducted from 24/04/19 to 29/04/19 on “REPORT WRITING TOOLS”



YOGYATAABHIYAANA

The Dept. of Mathematics conducted a series of events under **Yogyataabhiyaana-2k19** from **24th April to 2nd May 2019**. The event was organized for the 6th semester students of our college. The objective of the event was to boost and sharpen the competitive skills of pre-final year students and make them aware of the abilities that they need to possess in order to get placed in any reputed company. The event was a blend of all the rounds that the IT/ Core companies usually conduct

during their recruitment processes. It was a brilliant initiative taken in order to facilitate the 6th-semester students of all the departments to keep them ready for their bright careers. The event started with an entrance test to examine aptitude, reasoning and verbal ability of all the students. Then, the qualified students were made to pass through elimination round which tested their lateral thinking and industry knowledge. The Top 20 students proved their talents in GK and current affairs and

witnessed a healthy discussion on trending social topics. Finally, the Top 10 students were interviewed and Preetish, Sourabh and Kasugoud bagged the first, second and third prizes respectively. Amogh showed his excellence in C-programming and was honored with the title of 'Efficient C-programmer'. To summarize, the event turned out to be a boon for all upcoming final year students by enriching their overall qualities, expunge their fears and building their self-confidence.

SAMBHRAMA-2019



BLDEA's V. P. Dr. P. G. Halakatti College of Engineering and Technology has organized "Sambhrama-2019" – an annual day function to felicitate student achievers. All through the year various examinations and cultural events are conducted to find out the talents in the students. Annual Day is the day when all the students who excel in academics, cultural and sports events are awarded the prizes. This year the Annual Day program was conducted on 10th May 2019. Dr. S. M. Mudinamani, Dean, College of Agriculture, Vijayapur was the Chief Guest of the function. Shri. Ravindra Hattali, IRS, was Guest of Honor. Dr. V. P. Huggi, Principal presided over the function. Dr. G.V. Patil read the Annual report. Prof. S. B. Koulagi and Prof. M. B. Kuchanur were the coordinators of the function.



THE INTERNATIONAL DAY OF YOGA 2019

Yoga is an ancient practice that brings together physical, mental disciplines to achieve a peaceful body and mind. Yoga is a form of exercise that is performed through diet, breathing and physical posture. Yoga brings balance between body, soul and mind. It helps us to understand the purpose of life and how to survive in the changing environment. The mind is constantly involved in an activity – swinging from the past to the future – but never staying in present. By simply being aware of mind’s tendency, we can save ourselves from getting stressed or worked up. Yoga and pranayama help create that awareness and bring the mind back to the present moment, where they can stay happy and focused. Yoga must become a part of our daily routine to get a body that is strong, supple, and flexible. Regular yoga practice stretches and tones the body muscles and also makes them strong. It also helps improve your body posture when you stand, sit, sleep or walk.

The International Day of Yoga is celebrated annually on June 21 to raise global awareness about the benefits of the ancient Indian practice. It comes with a different theme every year. The theme for 5th International Yoga Day was ‘Climate Action’. There is a two-day celebration of Yoga Day at the United Nation in which there was a session called “Yoga with Gurus” followed by a panel discussion on the chosen theme for the Yoga Day. Climate Action theme focuses on the way how yoga can help us to solve the problem of climate change and also it brings lot more benefits to the lives of people. It is necessary to work towards climate change. The sense of respect for mother earth overcomes regular yoga practitioners that will help people to act in a certain way at home and working environment to work and build better future. Stress can reveal itself in many ways, including back or neck pain, sleeping problems, headaches, drug abuse, and an inability to concentrate. Yoga can be very effective in developing coping skills and reaching a more positive outlook on life. Yoga’s incorporation of med-

itation and breathing can help improve a person’s mental well-being. Regular yoga practice creates mental clarity and calmness; increases body awareness; relieves chronic stress patterns; relaxes the mind; centers attention and sharpens concentration.

The International Yoga day was celebrated on 21st June 2019 in BLDEA’s V. P. Dr. P G Halakatti College of Engineering and technology to bring peace, harmony happiness and success. Yoga is mental, physical and spiritual practice that needs to be carried every day. Electrical and Electronics Department and National Service Scheme (NSS) unit of college jointly organized the event as per the direction of Visvesvaraya Technical University (VTU). Yoga Guru Madivalappa Doddamani and Shri DayanandMeti taught different yoga postures like Vrikshasana, trikonasana, Uttansana, Bhujangasana, pranayama and meditation. Prayers were recited before and after the program and also yoga guru focused on Common Yoga Protocol (CYP) which consists of a 45-minute sequence of relatively simple Yoga.



PLACEMENT RECORDS FOR THE YEAR 2018-19

This year has seen the extraordinary placement of engineering and other stream students through campus drive. A total of more than 240 students were placed in different companies which ended the quest for hundred percent placements for our Institute. The maximum salary is Rs. 5, 00,000/annum and Minimum Salary: Rs. 1,75,000/annum. The various companies which have selected our students' are-Robert Bosch, Bangalore, Wipro Limited, Bangalore, Infosys Ltd, Bangalore, Cognizant Technology Solution Pvt Ltd, Mphasis, Bangalore, Tata Consul-

tancy Services Bangalore, SLK Software Services Pvt. Ltd, Bangalore, Tessolve Semi-Conductor, Bangalore, Technologies Global Pvt Ltd, Bangalore, Kirloskar Ferrous Industries Ltd., Koppal, Bangalore, Elcamino Software Pvt Ltd, Bangalore, Contineo Software, Bangalore, SRC Company Infra Pvt Ltd, Hyderabad, "Allsec Technology Pvt Ltd", Bangalore, "Monocept Pvt Ltd", Hyderabad, "UVIMAC Engineering Solutions Pvt Ltd", Pune, "Dhoot Transmission Pvt Ltd", Pune, "Davi Engineering Pvt Ltd", Pune.

PLACEMENT TRAINING PROGRAMS

A number of online tests and campus interviews were orga-

nized by Training and Placement cell so that our students get selected in the good companies. Pre Placement Training Program is regularly conducted for students in different slots by Seventh Sense People Development Pvt. Ltd.

Five days Infosys Company Specific Training was conducted by "Mission-Ignite", Hyderabad. 3 days Mphasis Specific Training (03 Days) by "Mission-Ignite", Hyderabad.

AMCAT exam was conducted for 6th, 7th and 8th -semester student and totally 841 students attended the exam.



WORLD ENVIRONMENT DAY ON 5TH JUNE, 2019

World Environment Day is the United Nations day for encouraging worldwide awareness and action to protect our environment. Since it began in 1974, the event has grown to become a global platform for public outreach that is widely celebrated in over 100 countries. World Environment Day is observed on 5 June every year and is one of the most popular days. The theme for 2019 was “Air pollution”.

National Service Scheme (NSS) Unit of BLDEA’s Dr. PGH college of Engineering and Technology organized TREE PLANTATION event on 6th June 2019 at college campus to mark WORLD ENVIRONMENT DAY. For this event 90 saplings were brought and planted around the campus. The Principal of our Institute Dr V.P.Huggi Inaugurated the event by planting two saplings near new building of our college. Dr R S Malladi, Dr S.N.Das, other faculty members and NSS Volunteers actively participated in this event and completed it successfully.





FOUR DAYS NSS CAMP IN KAKHANDAKI VILLAGE

Special Camping forms an integral part of the National Service Scheme. It has special appeal to the youth as it provides unique opportunities to the students for group living, collective experience sharing and constant interaction with community. The primary objectives of the special camping programs are :- Making education more relevant to the present situation to meet the basic needs of the communities and supplement the education of university/college/school students by bringing them face to face with the community situation. To provide opportunities to students to play their due roles in the implementation of various development programs by planning and executing developmental projects, which not only help in cre-

ating durable community assets in rural areas and slums but also result in improvement of the condition of weaker sections of the communities.

The main objectives of the NSS camps are to encourage the students and other young people to work along with the adults in rural areas thereby developing their character, social consciousness and commitment, towards the community. While doing these kinds of social works the camping students develop a leadership quality within. This is beneficial for society and the nation in the long run. The local leadership too generated during the camps would be useful in ensuring proper maintenance of the assets created as a result of the camps.

The theme of the NSS Camp held this year was SWATCH BHARAT

ABHIYAN, as per the guidelines of Program officer of Punjabi University, Patiala. Through this camp, the trainee students and teachers could develop a long term institutional relationships with the community. The volunteers participated enthusiastically in the special camp under the able supervision of Prof. Sahabgouda R. Patil, NSS Program officer. Prof Anil Bharathe and Prof. Sidram Patil are supporting staff of NSS Special camp.

This year BLDEA's College of Engineering & Technology had arranged a Four Days Residential Camp for N.S.S. Volunteers in Kakhandaki Village, Dist. Vijayapur from 16th to 19th May 2019. Around 50 volunteers participated in this camp.

FOUR DAYS NSS CAMP IN KAKHANDAKI VILLAGE



Activities included: Swachhta Abhiyan, tree plantation, yoga and meditation, interaction with school children and villagers, food preparation etc.



NSS Volunteers of BLDEACET