

S. V. E. Society's

BHEEMANNA KHANDRE INSTITUTE OF TECHNOLOGY

BHALKI-585328

NEWS LETTER

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II-Issue

Chairman's Message



Engineers play the most vital and important role in nation building. The rapid growth of technological advancement and the information revolution have opened new series of challenges as well as

opportunities. At BKIT, we aim at grooming professionals to effectively manage unanticipated challenges and building an urge in them to excel. The Institute works on the vision to become one of the leading centers of teaching, research and extensions in the field of Engineering and Technology through total commitment towards quality education and training. The institute recognizes its responsibility to provide students with appropriate training ground in all its thrust North Karnataka's first Centre Excellence for Internet of Things (CoE-IoT) was launched in BKIT Campus in collaboration with M/S. Preva Systems, this centre aims to enable rapid adoption of IoT technology and also empower surrounding institute students to take the advantage in this domain.

It is a matter of great pride that our alumni are holding key positions in several industries, Government organization, Private and Public Sector, research Labs and Academic Institutions; I congratulate the Alumni Association Executive Committee Members for successfully organizing Alumni meet -2016 at Bangalore.

I appreciate the efforts of the Editorial team who have done an excellent job in compiling BKIT activities and publishing them through this Magazine as well as on the BKIT institute website.

Er.Eshwar Khandre

President, SVE Society & Minister, Govt. of Karnataka

Principal's Message



It is a matter of great pleasure and pride to express with great satisfaction that the BKIT is achieving great success in all academic and developmental matters

inspite of having geographically located in rural area but its academic achievements truly reflects from our alumnus. Till date 9482 students have passed out from our institute and all of them are well placed in India and abroad.

Classes for even semesters would be commencing from Feb.13, 2017. Various

companies will be visiting our institute for campus placement during Feb. to April 2017 and we hope most of the eligible final year students would be well placed.

Centre of Excellence in IoT(Internet of Things) at our institute has been established which was inaugurated by Bharat Ratna Dr. C.N.R.Rao.

To strengthen further standardization and betterment of the institute in all aspects our institute would be accredited by NAAC (National Assessment and Accreditation Council) of UGC . I am intended to be happy to say that the HOD, Faculty are eager to face the NAAC team visit on 1st to 3rd March 2017. I am quite confident that our faculty and staff will work and emulate to get highest grade.

At the end we extend our best wishes to students who are studying presently at our institute and other student aspirants who would be seeking admission to shape their career and life at our institute-one of the best institutes.

With warm regards, **Dr.B.B.Lal**Principal

Editorial Message



It is a matter of great pleasure and satisfaction that to write as an editor of the third issue March 2016- Feb.-2017 of the college Newsletter. This newsletter is a reflection of

various activities of the BKIT College. It gives us information about various development and events organized by different departments like Training and Placement, NSS and Research and Development activities. I hope that this newsletter will help the students and faculty members to make them aware of different activities of their department as well as the other departments and will develop a better culture and academic environment. We welcome your valuable comments and suggestions which may be mailed to bkitnewsletter@gmail.com

With warm regards Sanjeev Gogga Editor

Editorial Team

Dr.B.B.Lal: Editor-in- Chief

Dr. Vijay Bhushan Jha: Member

Shri Sanjeev Gogga: Editor

Shri Ashok G.: Member



Alumni Meet-2016 at Sir Puttanna Chetty Town Hall, Bengaluru: on 9th December 2016 was inaugurated by lighting the lamp by the Chief Guest Sri Priyank Kharge Hon'ble Minister Information **Technology** for and Bio-Technology, IT & BT, ST and Tourism Department, Govt of Karnataka and President of the function, Sri Eshwar Khandre and special invitees in the presence of Dr.B.B.Lal, Principal BKIT and Dhiraj Deshpande, President REC-Alumni Association Bhalki the also Inaugurated alumni Bengaluru Local Prof. Dhiraj Deshpande, President REC-BKIT Alumni Association extended a hearty welcome to the alumni and the dignitaries in the Alumni Meet. In his speech Sri Priyank Kharge addressed alumni as leaders of innovative, research and studentcentered learning, Sharing the vision of the IT & BT ministry and he also congratulated chairman of the BKIT, Er. Eshwar Khandre for outstanding work and commitment to the institution. Eshwar Khandre expressed with confidence that REC-BKIT has been excelling in innovative research and its students and alumnus have been earning worldwide fame for the Institute. He urged upon the faculty and students to be involved in social activities and also expressed thanks to Prof. Dhiraj Deshpande and his team for organizing the Alumni Meet, which is appreciated by everyone. Dr.Nagashetty Biradar briefly narrated the state-of-the art developments in research and other academic programmes of the Institute. He specially mentioned the active inspirational support from honorable Chairman Er.Eshwar Khandre and principal

Dr.B.B.Lal . Incharge and Co-Ordinator of REC-BKIT alumni Bengaluru Local Chapter, Raishekar Reddymasi urged upon the alumni for their active support and suggestions for the developments of the Alumni Association in particular and the Institute in general. Veena B N, special invitee and alumni of REC, working in Honewel, USA as Lead Solution Architect ,said that BKITians are unique in the sense that they mould one's life. On this occasion many alumni stressed on continuous alumni support on the major areas such as 1.Improving quality of student life 2.Development of centers excellence 3. Building a guesthouse/convention center 4. Form a committee or a forum, which can make suggestions to the Institute Authorities. Dr. T.S. Vishwanath, proposed vote of thanks to the alumni and their spouses who have come a long way to attend the Alumni Meet. In the postlunch session a Cultural Programme was organized and some alumni performed at the programme and it was a thoroughly enjoyed by all



Inauguration of Alumni Meet-2016 by Hon'ble President of S.V.E Society Eshwar Khandre and Sri Priyank Kharge, Hon'ble Minister of IT&BT, ST Tourism Dept., Govt. of Karnataka

North Karnataka region first Centre of Excellence for Internet of Things (CoE-IoT) was launched in BKIT: Scientist C.N.R. Rao inaugurated a Centre of Excellence in Internet of Things in Bheemanna Khandre Institute of Technology in Bhalki, by remote control at an event in Akka Mahadevi College in Bidar.



Prof. Rao expressed regret that the quality of education in most universities in the country was not of good quality. He asked Eshwar Khandre, Minister of State for Municipal Administration chairman of the BKIT management and committee, to ensure quality education in the college.

"What you need for it is not just money. It is the interest of the teachers and their enthusiasm in moulding their students into hardworking professionals and better human beings. The management, teachers and the student community should work together to improve the quality of the teaching-learning process," he said.

He asked students to understand that IT was not just an earning opportunity for the nearly 3 lakh IT engineers in Bengaluru.

"It is a modern technology that is making our lives better. It is redefining several fields, especially health care. Millions of people, especially in small towns and villages are benefiting from the advances in IT in fields like satellite medicine, weather prediction models, online tutorials for farmers, and modern teaching tools and methods. We need to tell people about how IT is changing their lives. We also need to inspire young engineers to contribute to the growth in this field through research and not just focus on technological applications," he said.

First International Conference on Recent **Innovation in Engineering and Technology** -ICRIET-2016 was organized by Department of Electronics and Communication engineering, Mechanical Engineering and Civil Engineering of BKIT Bhalki.

ICRIET-2016 offered a track of quality R&D updates from Students, Engineers, Researchers and Scientists to provide an opportunity in bringing the new technology and perspectives that will contribute to **Electronics** Communication Engineering, Mechanical



Dignitaires during inaugural ceremony

Engineering, Computer Science and Engineering and Civil Engineering in the next few years.

conference was associated with two international reputed iournals namely, International Journal of Research in Engineering and Technology (IJRET) & International Journal on Emerging Technologies (IJET) having high impact factor and indexed in Google Scholars and IJRET has Scopus Indexing. nearly 200 papers were received for the conference all over the country and around the world. All papers were reviewed by expertees from all over the world especially by Srilanka, Bangladesh, Nepal, USA, United Kingdom and Different parts of INDIA.

Nearly 120 papers have been accepted for presentation and based on the quality of the papers; accepted papers were published in International Journals (IJET and IJRET). Conference Proceedings (Softcopy) was published with ISBN.

The conference was organized by the chief organizing secretary Dr. T S Vishwanath, Organizing Secretaries, Dr. B. Suryakanth and Prof. Prashant Sangulagi. The conveners of the conference were Prof. S V Biradar of civil engineering department, Prof. Sanjeev D of mechanical engineering department. The chief guest for the conference was Dr. P Raghothama Rao, Ex. Regional Director DRDO, and guest of honor was Satish Biradar Senior Software engineer, Dragnet Solution CA, USA. Keynote speakers for the inaugural functions were Dr. Babu Mehtre and Dr. Arvind Kulkarni.

The Chief Guest for the valedictory function was Dr. Subhash Kulkarni PESIT Bangaluru and

guest of honor was Dr. S N Mugli GUG Kalburagi. Workshop on The Internet of Things(IoT): was organized by **electronics** communication engineering department in association with Preva System Pvt. Ltd. during 29th Aug. 2016 to 3rd Sep. 2016. The total participants have participated in workshop which include 10 faculty members, 10 post graduate students and 30 B.E students. The participants were from diverse fields like computer science, electronics, civil engineering and information technology. During these six days, various industry experts shared their insights, real life scenarios, practical use cases and their solutions on The Internet of Things-Hands on Development. Session I started with keynote lecture on IoT and future of connected world by Mr. Sharan K, managaing Director Preva system. The session was spread over first half of session I and it provided the insights of IoT applications for smart home, smart cities, smart lights, smart retails, energy issues, health and life style and car connect. The second half of session II continued by Mr. Jawahar aramugam, Chief Technical officer, Preva Systems. He began



Students actively participated during Internet of Things (IoT) workshop.

session with how the proliferation of connected devices and the various communication technologies required for IoT. He also discussed the various areas of IoT analytics application. The session III continued with the Enterprise five Key Challenges that IoT Innovators are going to face. To illustrate the concept of computing more lucid, he shared videos on technologies like SaaS, PasS and IaaS. The session was followed by videos and discussion on *Preva* WISE³ platform. In session IV, he discussed real life use cases on IoT application and makes the session really interactive by providing an opportunity to suggest a solution to real life scenario. Participants were indeed curious when they provided their college bus tracking system live demonstration. He also demonstrated how it is possible to sense data at remote Location using WISE³ IoT platform. Session V was handled by Mr. Ravi prakash, project lead of Preva System Pvt. Ltd. He shared an idea how to interface various sensors with arduino uno development board and given hands on experience to sense



Dr. Basavaraj Gadgay Special officer, VTU, Regional Office Kalburgi with other dignitaries on the Dias during STTP inaugural function

and measure heartbeat and update the same information on android application. The session also included demo on various IoT applications. The last two day of workshop was planned to provide hands on experience with IoT device and application. Session VI and VII were conducted by Mr. Vinayak, project lead of Preva System Pvt. Ltd. Participants were introduced to the wifi concept from a programming point of view and its relevance to IoT device. All the participants participated in coding for accessing light and sensing a key pressed on IoT kit though android application. At valedictory ceremony, participants were awarded the certificates and provided with the wifi enabled IoT kit to continue their journey with IoT. The ceremony and function came to an end with a group photo session.

One week National Level STTP On "Tools in Teaching Learning and Research": The of Department Applied and **Humanities** conducted one week Short Term Training programme on "Tools in Teaching Learning and Research" during 25th – 30th Nov. 2016 and it was sponsored by ISTE-New-Delhi, IETE, and Katwa groups Science & Technologies, Hubli. The programme was inaugurated by the chief guest Dr. Basavaraj Gadgay Special officer, VTU, Regional Office Kalburgi with the guest of honor, Prof.P.N.Divakar Vice Principal BKIT Bhalki, it was presided by the Principal Dr. Bipin Bihari Lal the two organizing secretaries Ashokkumar Koti and Dr. Jagadish Tawade were present. There were 130 participants who were the faculties of Various Engineering and Degree

Colleges of Karnataka, Maharashtra and Telanagana states. 16 different resource persons from various institutions have contributed in conducting all the sessions on various topics successfully. The valedictory was held on 30th Nov. 2016. The chief guest was Prof. Basavaraj Kawdi, T & P, officer, BKIT, Bhalki and the president of the function was Dr. Bipin Bihari Lal, BKIT, Bhalki.

One Week National Level Workshop on "Recent Innovations in Advanced Materials and Nano-Materials" was



Resource person Dr. P Sampatkumar JD (Rtd)
CPRI, Bangalore addresing the gathering

the Mechanical Engineering organized by Department lead by organizing secretaries Shri. Jayaraj Siddan and Shri. Umakanth Mathpathi during 11th to 15th August 2016.In which many participants from various states Engineering College faculties are attended the program .The resource persons were Dr. P Sampatkumar JD (Rtd) CPRI, Bangalore, Er. Prakash Kalbag Vice President MGM Automotive Zaheerabad, Dr.Baburao Sherikar PDACE GLB., Dr.S.B.Patil PDACE GLB. Dr. Nagaraj GNDEC Bidar,

Dr.A.M.Bhavikatti HOD,CSE.,Prof. Basawaraj Kawdi Training & Placement officer. Dr.Uday Khadke.Dr.Sangashetty Kalyani and Rajshaker M During the inaugural session Chief guest was Dr. P Sampatkumar JD (Rtd) CPRI, Bangalore, Guest of honor Er. Prakash Kalbag vice president MGM Automotive Zaheerabad. In the presence of Dr. Bipin Bihari Lal Principal BKIT Bhalki. The valedictory function was held on 15 August 2016. The chief guest was Dr.S.B.Patil PDACE GLB, Shri kesharao Nitturkar vice president SVE Society Bhalki was also present

Two Days skill Development Programme Usage, Maintance & Repair on **Electronics Equipments** was conducted by E &CE Department during 26th and 27th December 2016. The Resource's person and organizing Secretaries were Sri. V.C. Patil, Foreman and Sri. B.V Mamma, Foreman, of E& CE Department .Partcipants from **Engineering** institute Diploma College and ITI college, attended this programme



Dignitaries on the dias during inauguration of the skill development programme

Doctorate Awarded



Prof. Sanjeev Doijode, Head of the Department, Mechanical Engineering was awarded Ph.D. degree from J.N.T.U Hyderabad. He had worked under the

supervision of Dr. B.P.Yadav, Professor, BKIT, and Dr. B.Sudheer Premkumar, Professor, J.N.T.U Hyderabad. The title of his research is "Design and Development of Proton Exchange Membrane Fuel Cell".

NSS Activities

International Yoga Day: Youth Red Cross unit & NSS Units of BKIT, Bhalki combinedly organized the Second International Yoga Day at College Auditorium on 21-06-2016.

Chief Guest Professor Rajkumar Patil of C.B. Collge, Bhalki addressed the gathering and also physically demonstrated few Yogasanas and also explained the way how these can easily be practiced under the guidance of a Yoga Teacher



Dr.B.Suryakanth, NSS,Officer with BKIT Staff actively participted during INTERNATIONAL YOGA DAY

for keeping everybody Physically Fit and healthy. Guest of Honor Sri Ashok Rajole Reporter Samyukta Karnataka Paper also addressed the gathering and appreciated the YRC& NSS Units of BKIT, Bhalki for organizing such an event which would definitely help to keep everybody healthy and Fit.

Sri Shivaputrappa Diggikar, Administrator SVE Society, Bhalki inaugurated the function and also addressed the gathering. He suggested all the participants to do yoga with 100% involvement for better results and to lead a healthy and Happy Life.

Prof. P.N. Divakar, Vice-Principal, also addressed the gathering and suggested all the participants to practice yoga every day to lead a tension free, sugar free and Healthy Life.Brahma Kumari Radha Bahenji of OM Shanti Center, Bhalki rraced this occasion and explained about what is real Yoga. Real yoga is to join with Param Pita Parameshwar Dr. B. Suryakanth NSS Officer and YRC Officer welcomed the gathering, Miss. Saba Fatima Anchored and Prof. Geeta Patil delivered vote of thanks..

Road Safety Week-2017: On 19-01-2017 NSS Unit BKIT, Bhalki in association with TP Cell, Student welfare office and Tata Motors Bangalore organized, "Road Safety Week-2017" at CSE Seminar Hall. The program has been inaugurated by the Chief Guest Sri Vinayak Naykar and Principal Dr. B. B. Lal by garlanding the portrait of Sri Mahatma Basaveshwar by Lighting the holy lamp. Dr. Ashok Kumar koti SWO welcomed the gathering and introduced the Chief Guest Sri Vinayak Naykar & Guest of Honor Smt Rajashree



Guest of Honor Smt Rajashree Naykar from TATA Motors addressing the gathering during Road safety week

Naykar consultants TATA Motors Bangalore. Sri Vianayak Naykar and Smt. Rajashree Naykar both delivered talk on Road Safety. They conducted some simple games among all the participants to demonstrate Road Safety. All the college Bus drivers, Staff members and many others participated in the program. Prof. Baswaraj Kawdi anchored and NSS Programme officer Dr. B. Suryakanth delivered vote of thanks.



Chief Guest Raja yogi B.K. Bhagwan Bhai addressing the gathering

Special talk on, "Relevance of Moral Values in Present day Context": NSS Unit of BKIT, Bhalki has organized a special talk on, "Relevance of Moral Values in Present day Context". Dr. B. Suryakanth NSS Officer welcomed the gathering and presented brief biodata of the Chief Guest Raja yogi B.K. Bhagwan

Bhai of Shantivan Mount Abu Rajasthan. Raja yogi B.K. Bhagwan Bhai stressed the need of Moral Values in every ones daily life. He said because of the lack of moral values in the present education system student community is going in wrong path. Today we are unhappy and peace less because of maximum use of modern facilities such as Mobile phones, Internet, TV, Picture, drug addiction etc. Our young generation is going towards the wrong path and suffering from diseases such as BP, Sugar, early Heart attacks, Anger, Anxiety, Lack of Tolerance, not having concentration in study etc.

Dr. B. B. Lal, Principal, BKIT, Bhalki presided over the function. Prof. Geeta Patil delivered vote of thanks. Prof. S.V. Biradar HOD Civil, Prof. P. N. Diwakar, Dr. B. Suryakanth, All the HOD'S and more than 400 students actively participated in the program and made the event a great success.

Training and Placement Activities

Campus placement drive by Nucleonic System Pvt. Ltd. for B.E Electronics & Communication Engg. Students:On 20th May 2016 Hyderabad based M/s Nucleonic



Chemical Staff during Campus Recurietment

system private Ltd, was invited for conducting placement for electronics students of BE final year. Team led by Ms.M.Swarna jyoti HR incharge and Mr. Ravikumar Business executive conducted the drive consisting of written test fallowed by HR round interview. Later, the technical test result announced and two students have been shortlisted for interview at Hyderabad Office.

Campus placement drive by Key software services Pvt. Ltd. kurukshetra: On 21st May-2016 for the benefit of CSE final year students placement drive was organised exclusively by Key software solutions Pvt. Ltd on 21st May. Drive was completed through written test, GD round HR &Tech interview resulting in selection of two students for offer letters. Mr. Manoj khyalia inchrge HR and Mr. Abhishetek Singh were the personnel from company

Campus Placement drive by Vani Organics Pvt. Ltd.: on 17th June Organised campus Placement drive for chemical Engg dept



Distribution of Offer Letter to the Students who got selected in Dynalog (India) Ltd. During Campus Placement

students by Vani Organics Pvt. Ltd. Hyderabad on 17th June 2016. On the same day a MoU was signed between company & college to strengthen relation. It was signed by HOD chemical, T&P officer, Principal and Mr.Srinivas Moorthy, General Manager of Vani organics. Alongwith GM, HR dept was represented by Mr.Hemanth during drive. After GD &HR rounds all final year 16 students got selected marking it as 100% placement for Chemical dept for the year 2015-16 Campus placement Drive by Dynalog (India) Ltd: On 15th Nov-2016 exclusive campus placement drive was organized on 10th Nov.2016 for final year BE(E&CE) students . Mumbai based company Dynalog (India) Ltd, for its Hyderabad location conducted the drive.

Mr. Sameer Singh .A. Hunnur, (Asst Manager – Technical sales) and Mr.T.P.L.Naidu (Sr. Admin Executive) conducted the drive which consisted of presentation, GD. & two rounds of personnel interviews Finally eight candidates selected for offer letters and nine kept on waiting list subject to their final year result and their willingness to join company

Ten days training program Conduted for B.E & MCA final year student: from 22nd Sept to 2nd Oct 2016. As a regular feature of final year, this year also 10 days" Employability Skill "Enhancement Training Program was organised for final year BE & MCA student. It was attended by more than 350 students, getting training on aptitude ,P.D, General English ,grammar etc. Training was facilitated by, HireEx career solution Mumbai.

B.E	ODD SEMESTER				EVEN SEMESTER		
		NAME	USN	%	NAME	USN	%
l st	CIVIL	Soundary R	3RB15CV103	6.75(SGPA)	Vaishali S	3RB15CV114	7.83(SGP
Υ	MECH	Sandeep Yadav	3RB15ME118	9.08(SGPA)	Renuka D	3RB15ME106	7.75(SGP/
E	E&CE	Suhasini S	3RB15EC086	8.3(SGPA)	Suhasini S	3RB15EC086	8.8(SGPA
Α	CSE	Anuradha	3RB15CS005	6.5(SGPA)	Pavitra	3RB15CS037	8(SGPA)
R	CHEM	Manisha Lobo	3RB15CH008	7.58(SGPA)	Manisha Lobo	3RB15CH008	7.17(SGP/
II nd	CIVIL	Priyanka Jyoti	3RB14CV069	75	Priyanka Jagadish	3RB14CV068	77.55
Υ	MECH	Rahul Kumar N	3RB14ME108	76	Rahul Kumar N	3RB14ME108	78.55
E	E&CE	Abhilash R	3RB14EC001	82.33	Abhilash R	3RB14EC001	74.33
A	CSE	Anjum Begum	3RB14CS011	71.11	Anjum Begum	3RB14CS011	71.11
R	CHEM	Bharati	3RB14CH001	70.33	Bharati	3RB14CH001	70.88
III rd	CIVIL	Bhaghyashri K	3RB13CV024	81.22	Suhasini S	3RB13CV110	73.33
Υ	MECH	Baliram B	3RB13ME035	64	Poornima A	3RB13ME190	71.65
E	E&CE	Chanamma B	3RB13EC033	82.22	Chanamma B	3RB13EC033	75.11
	CSE	Ankit Bagaria	3RB13CS010	72.55	Chaitanya Gangoji	3RB13CS020	76.55
A R	CHEM	Smita	3RB13CH014	71.4	Smita	3RB13CH014	78.66
IV th	CIVIL	Vithal	3RB12CV121	80.22	Vithal	3RB12CV121	84.53
Υ	MECH	Eliyaz S.A	3RB12ME024	75.33	Syed Shabaaz	3RB12ME114	79.63
E	E&CE	Mahananda	3RB12EC036	75	Pooja Biradar	3RB11EC026	
A	CSE	Avantika	3RB12CS009	72.11	Ashwini D	3RB12CS009	78.93
A	CHEM						





PHQTQ GALLERY



Dr.B.B.Lal Felicitating the Guest, LEAD Deshpande Foundation Member



Dignitaries on the dais during orientation programme for B.E first year students



Hon'ble Chairman with Bharat Ratan Prof.C.N.R.Rao during IOT inauguration



T& P officer with Placed students during Campus placement Drive



Principal Addressing the gathering during Employability Skills Training Programme



Sri Neelkant, office bearer, addressing the gathering during Celebration of Sri.Shivaji jayathi



Hon'ble Chairman with Dr. B.B.Lal and T& P officer



Prof. S.V.Biradar with Ultra Tech Cement Offical during Workshop



Dr.T.S.Vishwanth, HOD ECE addressing during 3 days workshop



Alumni Meet -2016 Group Photo (Top View)



Er.Eshwar Kandre and Sri Priyanke Kharge during inauguration of Alumni Bangaluru Local Chapter



Distributing Certificates during Enterpreneurship awareness programme for B.E final year students