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EC VOICE

**A QUARTERLY NEWSLETTER OF
ELECTRONICS & COMMUNICATION ENGG.**

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Inside the Issue

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Quote Corner:

*"If you can dream it,
you can do it."*

Walt Disney

Chairman/Editor
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Vision of the Institute

To be a center of excellence recognized nationally and internationally, in distinctive areas of engineering education and research, based on a culture of innovation and invention

Mission of the Institute

BIET contributes to the growth and development of its students by imparting a broad based engineering education and empowering them to be successful in their chosen field by inculcating in them positive approach, leadership qualities and ethical values

Vision of the Department

To be in the forefront in providing quality technical education and research in Electronics & Communication Engineering to produce skilled professionals to cater to the challenges of the society

Mission of the Department

- To facilitate the students with profound technical knowledge through effective teaching learning process for a successful career.
- To impart quality education to strengthen students to meet the industry standards and face confidently the challenges in the programme.
- To develop the essence of innovation and research among students and faculty by providing infrastructure and a conducive environment.
- To inculcate the student community with ethical values, communication skills, leadership qualities, entrepreneurial skills and lifelong learning to meet the societal needs.

From HOD's Desk

I am happy to bring out current issue of EC Voice. Your success and happiness depends upon your own self. No one person can shape the life of another. Think yourself and have a plan of life.



On behalf of the department I would like to congratulate Darshan A Hadadi for securing X rank and bringing laurels to the department.

AICTE activity point program has been introduced for students of CBCS-2018 scheme to acquire additional skills along with technical knowledge. Students along with faculty visited Devarabelekere for carrying out activities in connection with this. Hence a visit was arranged for faculty and students to Devarabelekere for carrying out the activities. I would like thank the authorities who made this successful. NBA awareness talk was arranged for students and its preparedness of the documents was verified by Dr. V. Satyanarayana, Prof., Dept. of E&CE, Shivamogga. Faculty constantly upgrade their knowledge by attending workshops. NB Cup tournament and other activities were planned but could not be conducted because of Covid-19 pandemic.

Program Educational Objectives (PEOs)

The Engineering graduates will be able to

1. Demonstrate the knowledge in electronics and IT industry for successful professional career.
2. Pursue higher education and to engage in research for professional development.
3. Contribute to the societal needs with constitutional and ethical principles and demonstrate quality of lifelong learning

DEPARTMENTAL ACTIVITIES

Commencement of even Sem: 10th Feb. 2020
End of Sem : 01st Jun. 2020
Practical Examination : 03 - 06 Jun. 2020
Theory Examination : 15 - 20 Jun. 2020

NB Cup Tournament



NB Cup inter department cricket tournament for boys and throw-ball for girl students was inaugurated on 24th February 2020. Dr. M.C. Nataraja, Principal was the chief guest, Program Coordinator, faculty members and students of the institute were present during the occasion.



Expert Guidance for NBA

One day interactive session for NBA SAR preparation was arranged on 25th Feb. 2020. Dr. S.V. Sathyanarayana, Professor, JNNCE, Shivamogga, was invited to verify the preparedness for NBA. On this occasion review of the SAR documents was carried out and few suggestions were given.



Women's Day Celebration

Woman's Day celebration was held on 6th March 2020. Chief guest Dr. Anuradha, Head of English Dept., A.V.K College for Women inaugurated the function. Prof. Y. Vrushabhadrappa, Dr. M.C. Nataraja, Principal and all the lady faculty members of the institute were present on this occasion. On this occasion a debate competition was held in the department on the topic **Is Women Empowerment a Myth in Developing Countries**. Other events like **Cyclthon**, **Singing** and **Quiz** competition were held on this occasion. All the girl students of the institute took part actively in these events. During this occasion Dr. Leela G.H, and Dr. Nirmala S.O were honored for completing Ph.D.

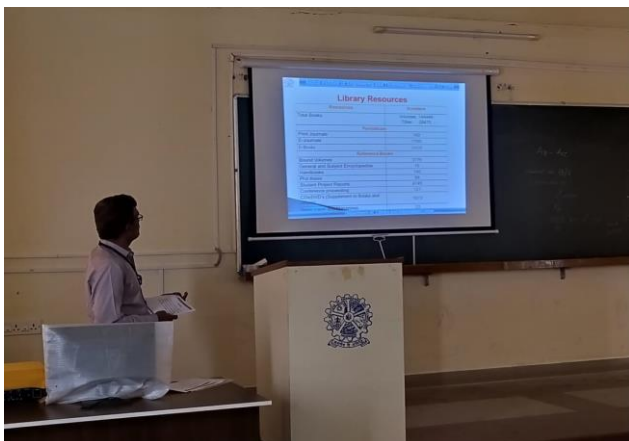


NBA Presentation to Students



Sri. Kiran Kumar G H, explained the importance of **NBA Accreditation process** and discussed various criteria's present in NBA to students of V Sem on 13th March 2020. Vision, Mission statements of the Institute and department were presented. Importance of course outcomes and program outcomes mapping is discussed.

Awareness on Digital Library



Dr. Manjunath K.V, Librarian, of our institute delivered a talk on **How to Access Digital Library** for faculty members of the department on 21st March 2020 from 10 AM to 11 AM. He explained how to effectively use online resources like journals and books. The facilities present in the library were also enlightened.

STUDENTS ACHIEVEMENTS AND ACTIVITIES



Congratulations to Darshan A Hadadi (CGPA = 9.19 for securing 10th rank in VTU Examinations during the academic year 2018-19.

Sneha S Talekoti, Anuradha, Bharat Kolekar, Shreeraksha R K, Students of III and V Sem were participated in **Andriod App Development** workshop held on 1st and 2nd February 2020 IISC Bangalore.

Raghavendra V student of III Sem awarded a certificate of merit for an outstanding performance in prelims round of **IOT Challenge 2020** event conducted by iSindya technologies in association with Aakaar'20 IIT Bombay on 3rd and 4th February 2020 at SRMIST, Ramapuram.

The VI Sem students Pramod M, Praveen Sanjay M and Sreedhar Poojar attended **IISC OPEN DAY 2020** at Bengaluru on 29th Feb. 2020.



AICTE Activity Points Program



AICTE introduced a mandatory programme called AICTE Activity Point Programme for students of B.E to acquire additional skills apart from technical knowledge they acquire from 4 year degree, to become a successful professionals. The students should acquire excellent soft skills, leadership qualities and team spirit, Entrepreneurial capabilities, Community service etc. To acquire these qualities, AICTE has created a unique mechanism of earning a minimum 100 points above the academic grades. Every student admitted to 4 years degree programme, shall earn 100 activity points during the course of 4 year degree.



All the students of IV Sem A and B along with faculty visited the village Devarabelekere on 11th March 2020 and carried out the activities at Schools, Panchayat Office, Primary Health Center and Morarji School. The Program was coordinated by Dr. B.M. Jayadevappa. Dr. G.S. Sunitha, Program Coordinator, and faculty members Sri. K.M. Prakash, Sri. Kiran Kumar G.H, Sri. Mahaendrachari, Smt. Suma K.G, Smt. Smt. Savithri G.R, Smt. Shwehta, Smt. Poornima G.N, accompanied the students.



The department is thankful to K.G. Basavarajappa, Head Master, Mylareshwara High School, Smt. Sulochana, Head Mistress, Higher Primary School, Deepa Jakati, Principal, Moararji Desai School, and Mrs Radha, President of Village Panchayath of Devarabelakere, for supporting the staff and students of our department to carry out various activities smoothly and successfully.

Place and date of activities : Devarabelekere, 11-03-2020 Schedule of activity carried out at Mylaraligeswara High School

Sl. No.	Name of activity	Target Class	Time	Name of Group Leader	Faculty in-charge
1	Exhibition of Technical project	Class-9	10.10-10.40	Swetha Baldev	Mr. Prakash K M
2	Women empowerment and importance of girl child. First aid/organ Donations	Class-9	10.40-11.00 11.00-11.10	Sakshi G Pooja S/Piyush	
3	Quiz/pick & speech, Memory test, Debate, Damsharas	Class-9	11.10-12.10	Akarsha Nandini K S	Mrs. Poornima G N
4	Environment awareness/ skit	Class-9	12.10-12.30	Bhoomika	
5	Health and Hygiene, Medicinal plants and its use	Class-9	12.30-1.00	Harsha H M Darshan M	
6	Swachh Bharat/ Recycling of waste etc.	Class-9	2.30- 3.00	Chandan Kumar SR	

Sl. No.	Name of activity	Target Class	Time	Name of Group Leader	Faculty in-charge
1	Health and Hygiene, Medicinal plants and its use	Class-8	10.10-10.40	Harsha H M Darshan M	Ms.Suma K G
2	Environment awareness skit	Class-8	10.40-11.00	Bhoomika	
3	Project Demonstration	Class-8	11.00-11.30	Swetha .Baldev	Mrs. Savithri G R
4	Women empowerment and importance of girl child	Class-8	11.30-12.00	Sakshi G	
5	Quiz/pick & speech, Memory test, Debate, Damsharas	Class-8	12.00-1.00	Akarsha Nandini K S	
6	Swachh Bharat/ Recycling of waste etc./Memory Test	Class-8	2.30- 3.00	Varun P	

Schedule of activity carried out at Govt. Higher Primary School

Sl. No.	Name of activity	Target Class	Time	Name of Group Leader	Faculty in-charge
1	Project Demonstration: Light Travel/Solar& Lunar eclipse	Class-5,6,7	10.10-10.30 10.30-10.45	Gunam Venkatesh Raghavendra V	Ms.Swehta S
2	Women empowerment and importance of girl child	Class-5,6,7	10.45-11.10	Sanjana	
3	Quiz/pick & speech, Memory test, Debate, Damsharas	Class-5,6,7	11.10-12.10	Mahalakshmi	Mr. Lingaraju
4	First Aid, organ Donations	Class-5,6,7	12.10-12.30	Pooja S Shivaprasad N	
5	Health and Hygiene, Medicinal plants and its use	Class-5,6,7	12.30-1.00	Ajay P H	
6	Swachh Bharat/ Recycling of waste etc.	Class-5,6,7	2.30- 3.00	Sneha B K	
7	Swachh Bharat	Public Place	3.20 -4.40	by all students	

Schedule of activity carried out at Gram Panchayat/Temple

Sl. No.	Name of activity	Target Class	Time	Name of Group Leader	Faculty in-charge
1	Project Demonstration	Class-8	3.00-3.30 3.30-4.00	Gunam Venkatesh Swetha	Mr. Prakash K M
2	Water cycle, Climate changes and effects	Class- 8 &9	3.40-4.00	Sahana R	Ms. Poornima G N
3	Presentation/Demonstration; Light Travel/Solar& Lunar eclipse	Class-9	3.00-3.40	Raghavendra V	

Schedule of activity carried out at Morarji Desai School

Sl. No.	Name of Activity	Target	Time	Name of Group Leader	Faculty in-charge
1	Health and Hygiene, Medicinal plants and its use	Public	11.00-11-30	Ajay P H	Mr. Mahendrachari
2	Environment awareness/ skit	Public	3.00-3.20	Bhoomika	Mr. Kiran Kumar G.H
3	First Aid, Organ Donations	Public	3.30-4.00	Pooja S Shivaprasad N	
4	Swachh Bharat	Public place	3.20 - 4.40	by all students	

FACULTY ACHIEVEMENTS AND ACTIVITIES

Smt. Nirmala G, Sri. Prakash K.M, Asst. Professors of the department attended one week Training Programme for Teachers on new subject Engineering Statistics and Linear Algebra introduced in VTU syllabus for IV Sem for the academic year 2019-20. The title of the workshop is **An overview of teaching techniques in Engineering Statistics and Linear Algebra** from 6th to 10th January 2020 at VTU Center for PG studies, Muddenahalli. Dr. T.S. Indumati, P.G. Coordinator, presented a certificate to Prakash K M and Nirmala G on successful completion of workshop.



ARTICLES

My Journey in BIET

By Darshan Hadadi

A crucial stage after 12th which everyone dream to choose a field and lead life in the same. With similar aim and from several feedbacks from societies I opted for Electronics and Communication Engineering. With my KCET ~3K rank, in option entry I got SNQ seat in BIET college. One major reason that I opted BIET is because, it is one of the prestigious college nearest to my hometown Ranebennur so that I can travel easily, don't burden family financial condition anymore and frankly had home-sick too!

Started my Engineering in BIET in year of 2015. First year seems like spent in very short-span and been really a good experience as this is the year where we are get exposed to practical things against to theoretical that we learnt in higher classes(11 and 12th).

Second year where we officially step into our core branch that we opted. I do remember at first day of branch entry, our HOD Sunitha mam had taken one session where she was enquiring us regarding why we opted this stream. All my friends had put their opinions on behalf and I told the same that I heard from one of my neighbor who told me that if you do ECE you have more opportunities to get into the Microprocessor companies which is one of the Ideal position which every ECE'ian dream. With all these feedback from students HOD praised, encouraged each and every one about their targets.

And in the same year, in 4th Semester we had Microprocessor subject which one of my best supportive lecture Prakash sir took. I would like to share the incident which always been motivating me in Engineering each and every step. One day after microprocessor class, sir informed us to copy a program from textbook before entering into lab. Since I didn't find the latest version of textbook needed, I requested

sir to provide textbook for a while until I copy that and return. I returned book and after some days sir provided me the same new textbook when I was going out of my lab session. Here the most-touching aspect is concern of lecturer on student and I felt so energized that this sir had so much trust and hope on me. Whenever I get disturbed or upset I used to remember this incident and use to boost myself that I should keep sir trust and should return in-turn from my side to department.

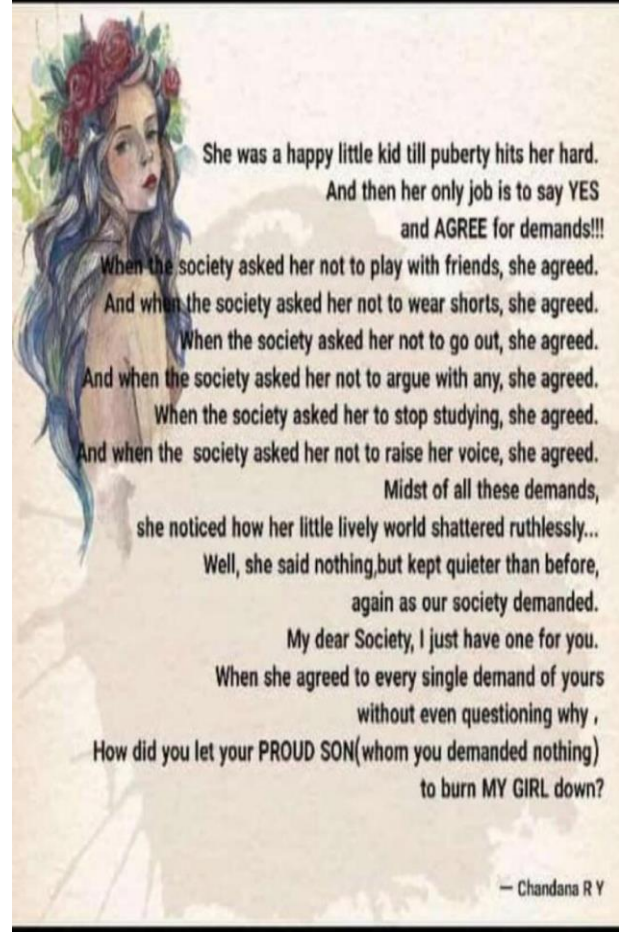
And also after every semester results, HOD use to personally congratulate class topper to keep the same momentum and use to motivate us to bring a Rank to department.

With Awareness on NPTEL online classes conducted by IIT/NIT lecturers, I went through several NPTEL courses which would help my academics. Along with 3rd Year academics I made mini-project, my first hands-on-experience which I represented in one of department activity which provided me a good exposure. And at last final year where Placements are crucial for everyone. I got selected to Core Company WhizChip which is first company to visit for placements in month of August. Completed final year and joined company on 18th June 2019.

And finally my dream came true that is through WhizChip I got opportunity to work in Processor based company AMD (Advanced Micro Devices) where I am working currently as CPU Core Design Verification. And also I felt most satisfied when I saw that I secured 10th Rank in VTU University as that completed our department wish and made my parents pride.my parents pride.

I would like to wish everyone good-luck and work with motivated.

LITERARY CONTRIBUTIONS



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ಹಸಿರು ತುಂಬಿದ ಆ ಮರಗಳು,
ಮಳೆ ಹನಿಯಿಂದ ನಮ್ಮನ್ನು ಸ್ವಾಗತಿಸುತ್ತಿರುವ
ಆ ಮೋಡಗಳು,
ಅಂತ್ಯವೇ ಇಲ್ಲದ ಆ ರಸೆಗಳು,
ಎಲ್ಲರ ಮನದಲ್ಲಿ ಭಾವನೆಯೊಂದು...
ಈ ಪಯಣ ಮುಗಿಯದಿರಲಿ ಎಂದೂ,
ಈ ಯಾನವು ಹಾಕಿದೆ ಎಲ್ಲರ ಮನದಲ್ಲಿ
ಒಂದು ಹಚ್ಚಿ
ಮತ್ತೆ ಮರಳಿ ಬರಲಿ ಆ ಕ್ಷಣಗಳು...

-ನಿವೇದಿತಾ



