V.V. Sangha’s
Rao Bahadur Y. Mahabaleswarappa Engineering College, Ballari
Department of Electronics & Communication Engineering

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“Bell-Hardminoo” runners-up at VTU Sports Event held on 21st April 2015

ABOUT THE INSTITUTION

Rao Bahadur Y Mahabaleswarappa Engineering College (Formerly Vijayanagara Engineering College) was established in 1980, under the aegis of the Veerasaiva Vidyavardhaka Sangha, Ballari.

The Institute is affiliated to VTU, Belagavi approved by AICTE, New Delhi. The institute offers 8 UG, 7 PG programs and 6 Research centres. The institute has excellent sports facilities, well equipped labs and digital class rooms & in addition it has separate hostel facilities for boys & girls. The Institute is located 50 Kms away from the world famous historical place “Hampi”.

LAURELS OF E&CE DEPARTMENT

The Department of Electronics and Communication engineering is established in the year 1983 with an intake of 40. Presently the intake is 120 with a PG course in Digital Communication & Networking & Research Centre. The department was accredited twice by NBA, New Delhi.

The department is well equipped with state-of-the-art laboratories and research facilities, organizing various Workshops, Seminars/Symposiums & placement training's. The Department has procured Rs.50 Lakhs under MODROBS scheme AICTE, NEW DELHI & KSCST Projects sponsorship of Rs.50,000. Twelve students of the department have bagged Gulburga University ranks & three VTU state ranks. Two Faculty are awarded with State level VTU ranks for Post Graduate studies.

WORDS OF WISDOM

Be yourself, no matter what other people think. God made you the way you are for a reason. Besides, an original is always worth more than a copy. — Anonymous

The four beautiful thoughts of life:1. Look back and get experience. Look forward and see hope. Look around and find reality. Look within and find confidence. — Anonymous

Praise a person as much as you like, but limit your words while criticizing. Because criticism is one loan that everyone is dying to return with huge interest. — Anonymous

Be an encourager. The world has plenty of critics already. — Dave Willis

Successful people don’t plan results. They planl beginnings. Right results always follow right beginnings. Make a right beginning and be positive. — Anonymous

Sometimes the most ordinary things could be made extraordinary, simply by doing them with the right people. — Elizabeth Green

Forget what hurt you, but never forget what it taught you. — Anonymous

The tongue is like a sharp knife...kills without drawing blood. — Gautam Buddha

Everyone faces challenges in life. It is a matter of howl you learn to overcome them and use them to your advantage. — Celestine Chua

"Respect" is the most important element of our "personality". It is like an investment! Whatever we give to others, it is returned to us with profit. — Anonymous

QUOTE OF THE ISSUE

Mistakes are embarrassing when they happens. But years later, we have a collection of mistakes, called experience which leads us to a great success. — Anonymous

SENSE OF HUMOUR

A Sense of humor is needed armor.Joy in One’s heart and some Laughter on One’s Lips is a Sign that the person Down Deep has Pretty Good Grasp of Life.

-Huge Sidey
EVENTS ORGANIZED

- Department Forum “Talentronics” events were organized in the month of March 2015 & final event was held on 14\textsuperscript{th} March 2015.
- Industrial Visit for students to Airport Authority Office, Ballari” On 5\textsuperscript{th} March 2015
- “Avishkar” Project Exhibition was organized for Final Year Students to present their Academic Projects on 18\textsuperscript{th} May 2015.
- Faculty Development Program on “Circuit Analysis & Simulation” was organized during 20\textsuperscript{th} -23\textsuperscript{rd} July 2014.

Industrial visit to “Airport Authority Office”, Ballari on 5\textsuperscript{th} March 2015.

Photos Shot by Nitin
TOPPERS OF DEPARTMENT

<table>
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<tr>
<th>Position</th>
<th>4th Sem</th>
<th>%</th>
<th>6th Sem</th>
<th>%</th>
<th>8th Sem</th>
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<tbody>
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<td>1st</td>
<td>Ms. Sai Pallavi P</td>
<td>77.11</td>
<td>Ms. M Vennala</td>
<td>80.4</td>
<td>Ms. Radhika Y T</td>
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<td>2nd</td>
<td>Ms. Mounika N</td>
<td>73.44</td>
<td>Ms. Nischala</td>
<td>72.1</td>
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<tr>
<td>3rd</td>
<td>Ms. Lavanya Y</td>
<td>71.11</td>
<td>Ms. Sumalatha K</td>
<td>71.4</td>
<td>Mr. L Suhas</td>
<td>84.26</td>
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PAPER PRESENTATIONS/TECHNICAL EVENTS/EXTRA-CURRICULUM ACTIVITIES

- Students actively participated & presented their talents in Department forum “Talentronics” in Various Technical & co-curricular activities like paper presentation, Technical quiz, Circuit rigging, Singing, JAM (Just a minute), Skit, Photography, Treasure hunt, Cooking without fire, Creativity and many more during Feb-March 2015.
- Mr.Rahul T, Mr.Md.Subhan, Ms.Namrata Rayanki, Mr.Krishna Shastri, Ms.Revati Shilpa & Ms.Shruti B participated in “Brain Storm” event conducted during INSIGNIA-15 held on 19th & 20th March 2015 organised at Sri Dharmasthala Manjunatha college of Engineering & Technology, Dharwad.
- Ms.Priyanka, Ms.Nafisa Parveen, Mr.Md.Nadeem, Mr.Anurag.I.M, Mr.Fakruddin Basha Shaik & Ms.Lavanya participated in the Zonal Round of “Robotryst-2015” at Proudhadevaraya Institute of Technology, Hospet.
- Mr. Suhas of 8th semester has successfully cleared “GRE & TOFEL” Exam-2015.
- Mr. B. V Mahantesh had attended two days Seminar on “Recent Development In Physics (NSRP-15)” held at Sri Krishnadevaraya University, Ananthapuram on 27th March 2015.
- Mr.Basaraj D, Mr.Bharath Kumar S, Mr.Mustaffa P & Mr.Naveen were runners-up in “Ball-Badminton” Competition held at RL Jalappa Institute of Technology, Doddaballapur at VTU Sports Event held on 21st April 2015.
- Mr. Abishek Reddy (Captain) & team were the winners of “Inter Collegiate Cricket
News about Student Contributions

**CAMPUS PLACEMENTS**

Our Students are placed in various reputed companies like Tata Consultancy Services (TCS), Tech Mahindra, Knowx Innovations, Nile Stream Info Tech, Unikaihatsu Software, CMC Limited, and SLK Software. The Placement details are as follows:

<table>
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<tr>
<th>Sl.No</th>
<th>Company name</th>
<th>No. of Students Placed</th>
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<tbody>
<tr>
<td>1</td>
<td>Tata Consultancy Services, Bangalore</td>
<td>22</td>
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<tr>
<td>2</td>
<td>Tech Mahindra, Bangalore</td>
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**Glimpses of Talentronics**

![Multiple Faces Craft Work](image1.png)

![Creative Hand Art](image2.png)

![Pencil Sketch of Swami Vivekananda](image3.png)
News about Faculty Performance

**FACULTY PAPERS PUBLISHED**

- Dr. Savita Sonoli presented a paper on “Real Time Drivers Detection Under Different Skin Eyeball Colours and Head Poses” in International conference ICNIC-2015 held at Sri Venkateshwara College of Engineering Bangalore from 18th-20th May 2015.

- Ms. Rohini H M, Mrs. Vani H, Mr. Veera Reddy & Mr. Santosh M presented a paper on “Feature Extraction from Speech Signal” in International Conference ICNIC-2015 held at Sri Venkateshwara College of Engineering, Bangalore from 18th – 20th May 2015.


**WORKSHOPS ATTENDED**

- Mr. Vinay.A, Mr. Sharana Goud.V.Patil, Mr. M.Md.Zakirullah, Mr. Veera Reddy, Mr. Sudharshan Banakar & Mr. Prashanth Keni participated in a Workshop on “Global Perspectives in Teaching and Learning Methodologies” under the theme of “I Can-I Will” from 16th January 2015 to 12th February 2015.

- Mr. Dalal Shivakumar K participated in a Three days workshop on “Incubating Relevant Engineering R&D Programs and Establishing Centres of Excellence in Engineering Colleges” at Siddaganga institute of Technology, Tumkur from 11th - 13th May 2015.

- Mr. Sharana Basavaraj B participated in a Five days Faculty Development program on “VLSI Design using Cadence Tools” in K.S. Institute of Technology, Bangalore from 29th June- 03rd July 2015.
RESEARCH WORK & FUNDED PROJECTS

- Dr. Savita Sonoli is Guiding Research Scholars Ms. Chayalaxmi C L, Mr. Naveen I G, & Mr. G Shashibhushan registered under VTU, Belagavi.
- The following Faculties have registered for Research work under various universities:
  (a) Mrs. S Prabavathi registered under JNTU, A.P
  (b) Mrs. Suvarna Patil registered under VTU, Belagavi.
  (c) Mr. Manjunath K M registered under VTU, Belagavi.
- A Project entitled “Wireless Sensor Network in Forest Fire Detection & Prevention” under the guidance of Mrs. Chenna V Gowdar was nominated and sanctioned with Rs 6000/- in 38th Series of KCSCT Project Exhibition & competition.

INTERACTION WITH OUTSIDE WORLD

- Dr. Savita Sonoli delivered a speech on “CET Pre Counselling Guidelines Program” Organized by Deccan Herald & Prajavani at BDA Auditorium, Ballari in month of June 2015.
- Dr. Savita Sonoli delivered a speech on “Dikuchi for Your Future” as a part of Event entitling “Tech Suchi-2015” organised by joint collaboration of V.V Sangha, Ballari & Tech Suchi, Bangalore held on 31st May 2015 at RYMEC, Ballari.

CONSULTANCY

Department is undertaking Consultancy work for conducting online Examination for IIBF, GESCOM, CAT, METi, KPTCL, NSE.IT, IIESE, TCS.
VISION, MISSION & PROGRAM OUTCOME(PO'S)

Vision of E&CE Department
To produce Professionally Excellent, Knowledgeable, Globally Competitive, Socially Responsible Electronics & Communication Engineers and Entrepreneurs.

Mission of E&CE Department
M1: To provide quality education in Electronics & Communication Engineering.
M2: To establish a continuous Industry Institute Interaction, Participation, collaboration to contribute E&CE and IT skilled Engineers.
M3: To build human values, social values, entrepreneur skills and professional ethics among the technocrats.
M4: To focus on innovation and development of technologies by engaging in Communication, Embedded System research areas.

Program Outcome’s (PO’s)
Engineering Graduates will be able to:

3. Graduates will develop knowledge on Communication Systems, Microwave Circuits, Antenna Theory, Mobile and Satellite Communication.
4. Graduates will possess an ability to design and conduct experiment analyze and interpret data, visualize and work on laboratory and multidisciplinary tasks.
5. Graduates will be able to design, develop, test and debug the electronic circuits with various advanced hardware / software tools.
6. Graduates will be able to develop excellent programming, analytical, logical and problem solving skills.
7. Graduates will develop expertise, confidence for self and lifelong learning through management techniques.
8. Graduates will demonstrate with an ability to develop, analyze, trouble shoot and design various electronic systems.
9. Graduates will possess various leadership and management skills with best professionalism and ethical values with social concern.
10. Graduates will be able to communicate with confidence in both verbal and written forms with great professionalism.
11. Graduates can participate and succeed in competitive exams, higher studies, research and interact with their peers in industry and society as engineering professionals.