

NEXUS



THE ECE DEPARTMENTAL NEWSLETTER

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MISSION

To empower emerging engineers with state of art technology along with high pattern of discipline, nurture career improvement and develop human and social intellectual qualities necessary for the successful practice of the profession

HOD's DESK

Dear all,

It is my pleasure to introduce the department newsletter NEXUS for the month of October 2016. This edition brings you the updates on the latest activities that took place in the department. We offer our students



a rich educational experience that combines intellectual rigor and cross disciplinary breadth in an organized, student centered environment. We have conducted various seminars and workshops for our students and faculty to prepare our students to be ready to face a tough and competitive world which they will be exposed to, after leaving gates of the institution.

I congratulate the members of this newsletter for having taken much effort in bringing out excellent articles and organizing it in a systematic manner.

Roshini TV
HOD & Asso. Professor
ECE Department

VISION

To become a Technical Education Centre of Excellence in the field of Electronics and Communication Engineering and to attain international repute by becoming a trendsetter in the field

WORKSHOPS AND SEMINARS

1. Workshop on Raspberry Pi

A three day workshop on Raspberry Pi was organized from July 28 to 30 for the students of S5. The training programme conducted by Bitsforge Technologies Pvt.Ltd, Kochi was supported by IEEE ComSoc. It was an hands on experience of application development on raspberry pi board using python. The department congratulates Mr. Jayesh George, for the successful coordination of the event.



2. Seminar on Bionics

Bionics - A one day seminar on Applications of Electronics in Medical Field, was conducted for the students of third year on 19th August. The session was handled by Dr.D Benet Bosco Dhas, Mahatma Gandhi Medical College, Pudhuchery. Bionics which gave a perspective on the recent developments that merges man and machines was organized in association with IEEE Communication Society. We appreciate the coordinators Dr.D.Anto Sahaya Dhas, Mr. Deepak C and Mr. Alex M Sunny for their efforts.

3. Seminar on Internet of Things

A one day seminar on IoT - Product Development and Entrepreneurship Opportunities was organized on September 28th, for the students of S3 and S5. The classes were headed by Mr.Moorthi Kanagaraj, Product Manager, Entho Technology Solutions India Pvt.Ltd. Coimbatore. The coordinators Mr. Manoj K.C and Mr. Anoop B.K deserve great applause for organizing the event.

4. Raspberry Pi and Python workshop

The students of S7 were given a three day training on August 8,9 and 10 on Introduction to basic Applications Commands Programming of Raspberry Pi in Python. The workshop was handled by the experts from Bitsforge. We thank Ms.Grace John and Ms. Anusha Chacko for organizing the workshop and giving them the support for their projects.



FACULTY PUBLICATIONS

1. Ms. Roshini T.V, has published a text on Logic Circuit Design based on the KTU syllabus for S3 ECE and AEI.
2. Mr. Adarsh K.S, has published a text on Electronic Design based on the KTU syllabus for S3 ECE and AEI.
3. Mr. Vinod J Thomas, Mr. Joby Joseph and Ms.Sindhu Jose has published a lab manual on Basics of Electronics Engineering Workshop based on the KTU syllabus for the first year.
4. Mr. Manoj K C, Ms. Jerrin Yomas and Ms.Sini Joshy has published a lab manual on Electronic Circuits Lab based on the KTU syllabus for S3.
5. Dr.D.Anto Sahaya Dhas has presented and published a paper titled “Interleaved Sepic Converters for AC-DC Front-End Converter Application” in the third International conference on Innovative Engineering Technologies on 5th & 6th August at Bangkok.

“We congratulate all the faculty members for their achievements and the department of ECE is proud you.”

IEEE QUIZ COMPETITION

IEEE SB VJEC had conducted a quiz competition for first year students as part of the IEEE Day 2016 celebrations on 4th October. The quiz was conducted in association with IEEE Kerala Section and All Kerala IEEE PES(Power and Electronics Society) society. Congratulations to the active participants and coordinators Mr.Vishnu Shankar and Mr.Alex M Sunny.



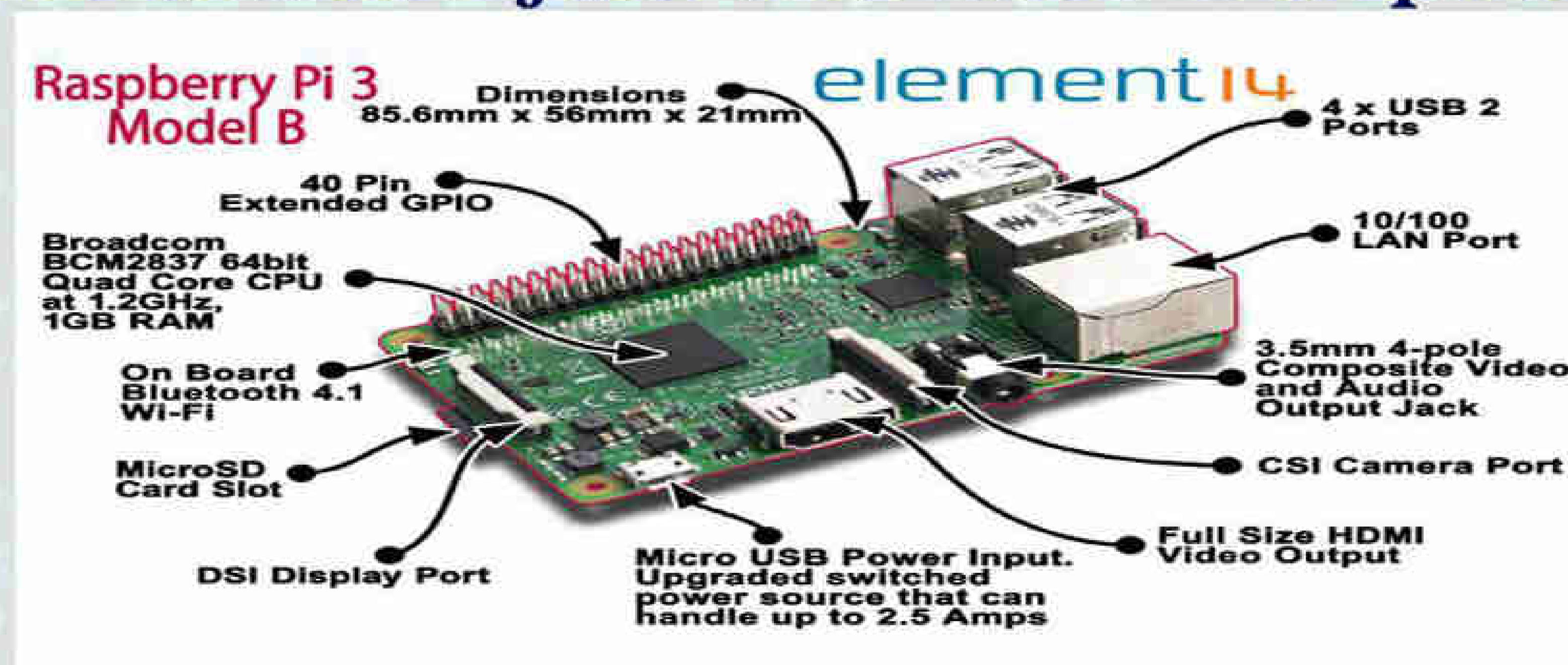
100% PLACEMENT

The department of ECE has achieved the goal of 100% placement for the final year students at the early quarter of S7. Our students participated in the placement drive conducted on 20th and 25th August by Aqua Pure Plus Ltd, Hinduja Global Solutions and Polaris Pvt. Ltd. We wholeheartedly congratulate the students for this outstanding achievement. We also thank Dr.D Anto Sahaya Dhas, the tutors and the TPC for their dedication and support to train the students and achieve the goal.



GADGET UPDATE:Raspberry pi 3 B

The Raspberry pi 3 is the third generation Raspberry pi. It is replaced by the Raspberry pi 2. It has a 1.2GHz 64bit ARM processor, wireless LAN, Bluetooth 4.1, 1GB RAM, 4USB ports, camera interface, display interface, ethernet port, 40GPIO pins, 3D graphics core, HDMI port and 3.5mm audio jack with video Composite.



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