Amrita University is a multi-campus and multi-disciplinary academic and research university that is accredited ‘A’ by NAAC and is ranked as one of the best research universities in India. It is the youngest university to be awarded with an ‘A’ grade by the National Assessment and Accreditation Council (NAAC). Amrita has so far produced 16214 engineers, 1411 doctors, 9511 arts and science professionals, 2094 business professionals and 106 PhDs. There are close to 30,000 alumni called Amritians, spread around 20 countries across the globe, who are connected virtually to each other.

More recently Amrita has been ranked in the top 200 universities in the QS BRICS University rankings and within the Times Higher Education World University rankings. Amrita University offers over a hundred different degree programs in its fifteen schools spread across its five campuses spanning the three southern states of India.

Spread over 80 acres of land, nestled in the picturesque village of Vallikavu, across the beautiful and famed backwaters of Kerala, is Amrita Vishwa Vidyapeetham’s Amritapuri campus, blending into the natural setting of the environment with its endless stretches of coconut palm groves. It is currently home to numerous schools and research centers. Distinguished professors and scholars share their knowledge and experiences with the students. The campus provides all modern amenities from playgrounds to cafeterias.

All Schools and Research Centers on campus are committed to generating, disseminating and preserving knowledge. They seek to develop in each member of the campus, the ability and passion to work wisely, creatively and effectively for the betterment of humanity. Numerous seminars, discussions and debates help enhance the quest for knowledge.

The B.Tech and M.Tech courses offered by the university has been filled to capacity this year too just as it was in the past four academic years, that is, since the inception of these courses.
The Department of Computer Science and Engineering at the Amritapuri Campus offers undergraduate, graduate and doctoral programmes. Over 1000 students are currently enrolled in the B. Tech., M. Tech. and Ph. D. programs offered. In addition, the Department offers a three year Master of Computer Application program, a two year M. Sc. (Computer Science) program and a three year BCA (Computer Application) program.

The Department of Computer Science is one of the largest and well established centres of learning computer science in South India offering B Tech, B.Tech Honours, M Tech, BCA, and MCA programmes. Experienced and highly qualified faculties facilitate the students to achieve a high level knowledge and skills on recent trends in computing. The department has close association with reputed institutions in India and abroad (SUNY Buffalo, VUJC Davis etc) to support students in their academics and final projects as internship. Through this rapport, students also get opportunities to learn conventional as well as emerging areas in core computer science. Campus has well established research centres carrying out real time projects in different areas in computer science, funded by the industry and the government. Research environment at campus is an added advantage for one who seeks career in teaching and research, after the post-graduation. Department also hosts prestigious programming contest ACM-ICPC-known as the "Olympics of Programming Contest" every year.

**THE FEATHERS ON THEIR CAPS**

**FACULTY ACHIEVEMENTS**

Our well-qualified and globally experienced teaching faculty continues to prove their mettle.

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**INTERNATIONAL JOURNAL PAPERS**

- Susanna Thomas, Dr. Jyothisha J Nair "Improvised Apriori with Frequent Subgraph Tree for Extracting frequent subgraphs" International Journal Intelligent and Fuzzy Systems, IOS Press, Switzerland. (Scopus-indexed with impact factor 1.16)
- Remya R K Menon, Deepthy Joseph, M R Kaimal "Semantics Based Topic Inter Relationship Extraction" International Journal Intelligent and Fuzzy Systems, IOS Press, Switzerland. (Scopus-indexed with impact factor 1.16)

**INTERNATIONAL CONFERENCE PAPERS**

- Gayathri R.G, Dr. Jyothisha J Nair, Dr. M.R Kaimal "Extending Full transitive closure to rank removable edges in GN algorithm" 6th International Conference on Advances in Computing & Communications.
- Susanna Thomas, Dr. Jyothisha J Nair "A Survey on extracting frequent subgraphs", International Conference on Advances in Computing, Communications and Informatics (ICACCI-2016).
- Susanna Thomas, Dr. Jyothisha J Nair "Improvised Apriori with Frequent Subgraph Tree for Extracting frequent subgraphs", International Conference on Advances in Computing, Communications and Informatics (ICACCI-2016).


• Jayashree Nair, Ajeesh A, Jijin P S, ”A Radom Forest Approach for Rating-based Recommender System”, 5th International Conference on Advances in Computing Communications and Informatics, 21-24 September 2016, IEEE.

• Ani R, Greeshma Sasi, Resmi Sankar U, ”Decision Support System for Diagnosis and prediction of chronic Renal Failure using Random Subspace Classification”, Symposium on Emerging Topics in Computing and Communications (SETCAC) 16,21-24 September 2016, IEEE.


• Jayashree Nair, Ajeesh A, Jijin P S, ”A Radom Forest Approach for Rating-based Recommender System”, 5th International Conference on Advances in Computing Communications and Informatics, 21-24 September 2016, IEEE.

• Ani R, Greeshma Sasi, Resmi Sankar U, ”Decision Support System for Diagnosis and prediction of chronic Renal Failure using Random Subspace Classification”, Symposium on Emerging Topics in Computing and Communications (SETCAC) 16, 21-24 September 2016, IEEE.


**COMPUTER SCIENCE**

**STUDENT ACHIEVEMENTS**

**TECHNICAL ACHIEVEMENTS**

- Abinand N of 2015-2019 CSE won a Prize money of $500 in Fedora Users and Developers Conference from Google held in October.
- Abinand N of 2015-2019 CSE won a Prize money of $5500 in Google Summer of Code, 2016 held in October.
- Srijan Agarwal of 2015-2019 CSE was selected for G SoC(Summer Project) on October that carries along with it $5500 as prize money.
- Sreedakshmy of 2013-2017 CSE batch students took initiative to develop A-CAPS (Amrita Car-Pooling System), as part of their project. Also they have started a company, zealmotion which provides the services to develop digital Apps.

**Start-Ups**

- Binil Baby, Naveen Joseph and Arjun S of 2013-2016 BCA batch started a company called Zeal Motion which provides the services to develop digital Apps.
- The team Arjun S, Binil Baby and Naveen Joseph of BCA 2013-2016 batch students took an initiative to develop A-CAPS (Amrita Car-Pooling System), as part of their project. Also they have started a company, zealmotion which provides the services to develop digital Apps.

**Campus Level**

- Sanjay (S7 CSE), Sreelekshmi Ajith (S5 CSE), Sreekanth T (S7 CSE), Akhil Ravi (S5 CSE), Athira (S5 CSE) developed the official website of ASEam, ACM Student chapter Amritapur and is hosted in the domain ACM.org.

**National Level**

- 1. Anupama R and H Chaitanya of 2014-2018 CSE have been awarded full scholarship to attend GHCI conference, to be held in Bangalore 2016.
- 2. Abishek D of 2016-2020 CSE got first prize in an event of IoT workshop(Entry to contest to be conducted in IIT Varanasi).
- 3. Siddharth M of 2016-2020 CSE got selected as number one team(BIOS Team) in India by CSAW CTF.
- 4. Srijan Aggarwal of 2015-2019 CSE was an Invited Speaker in Wikimedia Hackathon at BITS Pilani.

**Achievements in Sports**

- Gokul N-of 2015-2019 CSE batch won 3rd position in Inter Campus Swimming Competition.

**Publications**

- 29 Publications

**Faculty**

- 41 Faculty

**Faculty with PhD**

- 6 Faculty with PhD

**Contact Information**

+91-4762801280

www.amrita.edu

Mr Abhishek J M delivering talk on Android Security.

- 9. Mr Abhishek J M of 5th semester BCA was assigned CVE 2015-5612 for revealing a vulnerability in an open source Content Management System: October CMS – with more than one lakh users across the globe.
- 10. Mr Abhishek J M of 5th semester BCA Served as a teaching assistant at the International Summer School for Information Security and Protection,(ISSISP) 2016, held at Bengaluru.
- 11. Abhishek J M of 5th semester BCA delivered a talk on Android security – specifically relating to Android applications at the Cysinfo Cyber Security Community Meet, held at Amrita University, Bengaluru, September 2016.

**Start-Up**

- Binil Baby, Naveen Joseph and Arjun S of 2013-2016 BCA batch students took initiative to develop A-CAPS (Amrita Car-Pooling System), as part of their project. Also they have started a company, zealmotion which provides the services to develop digital Apps.
The Amrita School of Engineering at Amrita began offering the B. Tech. degree in Electrical and Electronics Engineering in 2005. The program provides excellent technical knowledge in emerging areas of Electrical Engineering.

Electrical and Electronics Engineering continues to transform the way we live from the latest consumer products to sophisticated scientific, industrial and healthcare technologies. Electrical and Electronics Engineering is a field of engineering that generally deals with the study and application of electricity, electronics and electromagnetism. Integrating computer programming, electronics and communication with electrical engineering, makes this discipline the most interesting branch of engineering. Job opportunities are ample in both private and public sector like railways, civil aviation, power plants and utility companies, electrical design and consultancy firms and all types of manufacturing industries.

The Department of Electrical & Electronics Engineering, Amritapuri Campus is committed to mould the students for meeting future global requirements.

DEPARTMENT OF EEE
COMMITTED TO MOULDING THE STUDENTS FOR MEETING FUTURE GLOBAL REQUIREMENTS

The Amrita School of Engineering at Amrita began offering the B. Tech. degree in Electrical and Electronics Engineering in 2005. The program provides excellent technical knowledge in emerging areas of Electrical Engineering.

Electrical and Electronics Engineering continues to transform the way we live from the latest consumer products to sophisticated scientific, industrial and healthcare technologies. Electrical and Electronics Engineering is a field of engineering that generally deals with the study and application of electricity, electronics and electromagnetism. Integrating computer programming, electronics and communication with electrical engineering, makes this discipline the most interesting branch of engineering. Job opportunities are ample in both private and public sector like railways, civil aviation, power plants and utility companies, electrical design and consultancy firms and all types of manufacturing industries.

The Department of Electrical & Electronics Engineering, Amritapuri Campus is committed to mould the students for meeting future global requirements by providing quality education to meet the needs of the industry. The Department has a fine blend of renowned as well as young and dynamic personalities as faculty members, who have been motivating the students for getting the best out of them. The department of EEE aims at being the world class centre in Electrical Engineering education through excellent teaching, applied research and professional services, for the benefit of the society. The department is having well equipped state-of-art laboratories and research facilities. The department focuses on overall development of the students imparting knowledge and skill through projects and seminar presentations and encourages students’ association activities, internships and industrial visits. Value education and professional ethics are also an integral part of the curriculum.

Student Exchange Programme/Summer School Internship/MS admissions at Foreign University

- Mr. Krishna Chandran K S (Roll No: AM.AR.U314BCA032), 2014 BCA batch student was selected to Halmstad University, Sweden to study the 6th semester under Student exchange programme.
- Mr Adarsh R, 2013 BCA batch student attended Summer Schools in Amsterdam with complete scholarships in 2016.
- Mr. Arjun Krishna Baba, 2013 BCA batch student (Roll No: AM.AR.U313BCA015) got admission to MS Programme at University of New Mexico.

THE FEATHERS ON THEIR CAPS
FACULTY ACHIEVEMENTS

Our well-qualified and globally experienced teaching faculty continues to prove their mettle.

Mr. Ilango K, Assistant Professor (Sr.Gr) has been conferred with PhD from Amrita University on August 2016. Dr. Ilango’s PhD thesis was supervised by Dr. Manjula G. Nair, Professor & Chairperson, Electrical and Electronics, Amrita University, Amritapuri.

Mr. Meher Madhu D, Assistant Professor, Dept of Electrical and Electronics have filed for US patent on ”System and method for providing rapidness and precision in the control of robotic structure” in August with Application number:201641026765.

Mr. Srikanth V, Assistant Professor, Dept of EEE has been featured in the IEEE IAS Magazine July-August 2016 issue. He was spotlighted in the “Pathways”, a feature introducing the IEEE IAS young professionals.

PUBLICATIONS
INTERNATIONAL JOURNAL


INTERNATIONAL CONFERENCE PAPERS


• Preetha P., Dr.Manjula G Nair, Surya Babu S., "DC Link Voltage Regulation In Active Filter Using Drainage Power From Distribution Transformer" IEEE First International Conference on Power Electronics, Intelligent Control and Energy systems (IEEE ICPEICES 2016),4-6 July 2016, DTU, Delhi.

• Lekshmi.Js, Nandagopal.JI, "Control For Transformation Of A Four Wheeled To Two Wheeled Mobile Robot", IEEE First International Conference on Power Electronics, Intelligent Control and Energy systems (IEEE ICPEICES 2016),4-6 July 2016, DTU, Delhi.

• Vishal Ravendran, Dr.Manjula G Nair, Navaneet Krishnan,'Active power compensation by smart park in DC metro railway', IEEE First International Conference on Power Electronics, Intelligent Control and Energy systems (IEEE ICPEICES 2016),4-6 July 2016, DTU, Delhi.


• Syama T, Vivek A, "Comparative Study Of Controllers For The Speed Control Of Electric Bicycle" Iitr-International Conference On Electrical , Electronics, Computer Science, Management And Mechanical Engineering (Ice2csm2e-2016).

DEPARTMENT ACTIVITIES

M.TECH. EEE STUDENTS BLEND TECH AND SERVICE IN FIELD TRIP TO IDUKKI

KOMALIKUDI VISIT

Forty-five M.Tech. students of Power & Energy, Control & Instrumentation, along with faculty members from the Department of Electrical & Electronics Engineering, Amritapuri campus spent August 12th and 13th, 2016, as a part of co-curricular activity in Munnar and Idukki. First day they visited the Nerainangalam dam and hydro power plant. In the Amrita SeRVe village of Komalikudi, Idukki they visited the micro hydro power plant and enjoyed fresh water from the borewell and distribution system, both built by their fellow students and faculty. In Komalikudi, they also spent the day interacting with the village children and helping them celebrate Independence Day.

M.TECH FAREWELL

On 19th July 2016, the Department of Electrical and Electronics Engineering organized a farewell function for the ongoing M.Tech batches. Certificates of Excellence and Appreciation were given to outstanding students of the batch. Dr. Jyothi S.N, Principal, ASE presided the function. Dr. Manjula G Nair, Chairperson, EEE delivered the farewell note.

POSTER SESSION

In order to showcase the research work in the department, a poster session was organized on 19th July 2016 at Sanjeevani hall of Amritapuri Campus. The session had more than 30 posters, exhibiting high quality research carried out by post graduate students of Electrical Engineering. The session was well visited by students and staff from various departments.

PROJECT EXHIBITION

Department of Electrical & Electronics Engineering of Amritapuri Campus organized project exhibition on 15th July 2016 to showcase the research work carried by PG/PhD students. The exhibited projects were reviewed by technical experts and the quality of the projects were well appreciated.

National Workshop on “FPGA Applications in Power & Control”

Department of Electrical & Electronics Engineering, School of Engineering (Amritapuri Campus) organized a Two day National Workshop programme on “FPGA Applications in Power & Control” from 2nd September to 3rd September 2016 in association IEEE PES & IAS Students Chapters. The workshop focused on, understanding Xilinx FPGA architecture and design, Working with FPGA development boards Implementing sequential and combinational logic inside the FPGA Interfacing the PWM to the converters and motor Interfacing with hardware component like LED, LCD, ADC and DAC SPWM generation Integrating the Xilinx System Generator with MATLAB. Scholars inside and outside the campus were the beneficiary.
DEPT OF MECHANICAL ENGINEERING
CREATING BRIGHT PROMISING ENGINEERS
WITH SHARP INNOVATIVE SKILLS

Mechanical engineering involves the analysis, design, manufacturing, and maintenance of various systems such as manufacturing plants, industrial equipment and machinery, heating and cooling systems, motor vehicles, aircraft, watercraft, robotics and even medical devices.

The Department of Mechanical Engineering at the Amritapuri campus was started in 2004. The Department offers a B.Tech. program in mechanical engineering. Over 200 students are currently enrolled in this undergraduate program. The competent and committed faculty in the department have extensive academic, research and industrial experience. The department also has a team of dedicated and highly experienced supporting staff to help the students in the laboratories.

Research areas include nano fabrication and nano precision optics. In addition, research is conducted in various fields of Mechatronics such as Robotics, Automation and Computer Integrated Manufacturing.

Students of the department are encouraged to read and publish papers in journals even at the undergraduate level. They are encouraged to work on projects, either individually or on teams.

For example, Chakshuyaan or vehicle-with-eyes, a recent student project, that also saw participation from other departments, won top awards in many national-level competitions.

The department is proud to have some of the most sophisticated lab equipment available today, in its state-of-the-art laboratories. A dedicated team of lab staff is available to guide students in the laboratory course work.

In addition to the campus library, the department has an extensive departmental library with books and subscriptions to current journals.

INTERNATIONAL JOURNAL PAPERS
PUBLICATIONS


MECHANICAL ENGINEERING
DEPARTMENTAL ACTIVITIES

- Department of Mechanical Engineering in association with National Society of Fluid Mechanics & Fluid Power (NSFMFP) conducted 3 days National Workshop on Research Methodology in Fluid Mechanics (RMFM - 2016) from July 14-16, 2016. Dr. B.V.S Prasad, Professor & head, Department of Mechanical Engineering, IIT Madras. Dr. Athul Sharma. Professor, Department of Mechanical Engineering, IIT Bombay. Dr. Jyotirmay Banerjee, Associate Professor, Department of Mechanical Engineering, SVNIT, Surat were the resource persons for the workshop.

Dr. Saptarshi Das, from The Pennsylvania State University, delivered a talk on “Promise of 2D materials’ on 29th July 2016.

Dr. Raj Madhavan, University of Morgland, delivered a talk on “Improving the quality of life for humanity via Humanitarian Robotics and Automation technologies” on 9th August 2016.

Dr. K. Ramesh, IIT Madras, delivered a talk on “Experimental analysis of crack tip stress field parameters- an overview” on 9th September 2016.

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DEPARTMENT OF ECE
OFFERING HIGH STANDARDS IN EDUCATION AND KEEPING ABOREAST OF LATEST INNOVATIONS & ADVANCEMENTS

The Department offers a B. Tech, program in Electronics and Communication Engineering and a M. Tech. degree in VLSI Design. The faculty team consists of experts from the industry and academia.

The department is highly praised for its activities in the technical front, contributing highly towards the development of cutting edge technologies and professionals. While building a solid foundation of the fundamentals, the students are also exposed to emerging trends in the industry and are molded to be quality professionals of the future.

Electronics and Communication Engineering laboratories are equipped with state-of-the-art equipment and advanced software that enables the design of Very Large Scale Integrated (VLSI) circuits.

Several faculty members have received their graduate and postgraduate degrees from institutions of international repute such as Indian Institute of Technology, Indian Institute of Science, University of Texas at Austin and University of California, Irvine and have been working on research and development projects in firms across the globe.

Our students actively participate in organizing various events such as technical workshops through the IEEE student chapter. Several faculty members and students are actively engaged in research and regularly publish their work in international journals and conferences.

THE FEATHERS ON THEIR CAPS
FACULTY ACHIEVEMENTS

Our well-qualified and globally experienced teaching faculty continues to prove their mettle.

Dr. Purushothaman A was the co-ordinator for the workshop on “CMOS Mixed Circuit RF VLSI Design” at IIT, Kharagpur during 19-25 September.

Dr. Purushothaman A was also an invited speaker for the FDP on “VLSI Design Fundamentals and Advanced” at College of Engineering, Perumon during July 20-25. He delivered a talk on “CMOS Mixed Circuit RF VLSI Design”.

Dr. Ramesh B was an invited speaker for the FDP on “VLSI Design Fundamentals and Advanced” at College of Engineering, Perumon during July 20-25. He delivered a talk on “VLSI Testing”.

Dr. Sundaraman Gopal (Chairperson)

INTERNATIONAL CONFERENCE PAPERS

- Shruthi A; Bhuvana Nair S; Sreedevi K. Menon’ACPW fed onchip band stop filter for filtenna applications” 2015 IEEE Applied Electromagnetics Conference (AEMC), pp. 1 – 2, 2015

INFRASTRUCTURE UPGRADEMENT DURING THE PERIOD JUL- SEP 2016
IT & COMMUNICATIONS

ICTS is the IT & Communication Services provider of Amritapuri Campus. Constantly innovating and bench-marking itself to the best in its class, ICTS always has in mind the best interest of students and teachers.

- Increased WiFi capacity to cover more number of devices.
- 150 new computers added to the computer labs.
- High performance computing lab for Computer Science research.
- Upgrade of switching backbone to 10 GBPS.
- New Cloud Platform for data storage.
- Integrated software for IT operations.
- Formulated QA team to ensure operating standards are met.
- Hostel Management System - being developed indigenously.

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CIR ACTIVITIES
DURING THE PERIOD JUL-SEP 2016

Honoring the talents and skills of our students to prepare them for the industry tomorrow.

PLACEMENTS
During this quarter the number of corporates that visited the campus were 33 and 299 of our students got placements. 18 corporates had offered a salary level of Rs. 5 LPA. While the highest offer was CTC: 14.35 LPA (by Cisco)

TRAINING PROGRAMS, TALKS AND OTHER EVENTS

- Career guidance session for Amrita Vidyalayam students from Devangare and Karwar. (Date: 11-08-2016)
- Two days special skill development training program for students by Career launcher team. (09-09-2016 to 10-09-2016)

101 village internship presentation: 200+ students and staffs poured out their feelings as memories of their 101 village internship

Invited talk by the CEO of Kessinger Publishing at Amrita University of MBA. An entrepreneur who entered the world of business at the very young age of 18, Roger Kessinger talked about entrepreneurship and management.

Indian Navy Career awareness session by Captain Shinodh Karthikeyan (30-09-2016)

Invited talk by Suresh Aravind, Worldwide Vice President at Johnson & Johnson addressing ASB Amritapuri students.

Amritan Road to Excellence, Summer Internship Day Program. (06-09-2016)
Certificate distribution for Summer internships in Web Development & Contributions to FOSS, Android App, Industrial Applications in Mechanical Engineering, Industrial Applications in Electrical Engineering (Amrita Nano Solar Labs), Raspberry Pi & Robotics training and Entrepreneurship and Business skills training for Commerce and Management students. Total 210 students attended the workshops held during Summer vacation.

Amrita Vishwa Vidyapeetham becomes the first University in Asia to sign an MOU with Wiki To Learn, a platform for collaborative textbooks. Wiki To Learn organization mainly aims at providing free, collaborative and accessible textbooks to the whole world. It’s a project under KDE and based on MediaWiki. Wiki To Learn has collaborated with around 25 Universities around the globe. The MOU has been signed by Dr. Jyothi S N Principal, Amrita School of Engineering, Amrita University, Amritapuri Campus along with Sri. Biju Kumar in coordination with the Srijan Agarwal, Core Developer at Wiki To Learn and a rising senior of FOSS at Amrita Club.
### 2016 CONVOCATION - RANK & MODEL LIST

Over the years our students have proved themselves to being shining examples of scholastic brilliance combined with a natural flair for fine arts and extracurricular activities. We are proud to list the rank and merit holders as presented below.

<table>
<thead>
<tr>
<th>Roll Number</th>
<th>Name of Graduating Student</th>
<th>CGPA</th>
<th>Rank</th>
<th>Medal</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM.EN.U4CSE12027</td>
<td>Nagireddy Eepsita Reddy</td>
<td>9.69</td>
<td>Second Rank</td>
<td>Silver Medal</td>
</tr>
<tr>
<td>AM.EN.U4CSE12111</td>
<td>Athira Lekshmi C V</td>
<td>9.68</td>
<td>Third Rank</td>
<td></td>
</tr>
<tr>
<td>AM.EN.U4CSE12501</td>
<td>Surya Seetharaman</td>
<td>9.56</td>
<td>Seventh Rank</td>
<td></td>
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<tr>
<td>AM.EN.U4CSE12134</td>
<td>Pranav P (1699/179)</td>
<td>9.49</td>
<td>Eighth Rank</td>
<td></td>
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<tr>
<td>AM.EN.U4CSE12041</td>
<td>Shilpa S Kavasseri (1698/179)</td>
<td>9.49</td>
<td>Tenth Rank</td>
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### Electronics & Communication Engineering

<table>
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<tr>
<th>Roll Number</th>
<th>Name of Graduating Student</th>
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<th>Medal</th>
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<tr>
<td>AM.EN.U4ECE12147</td>
<td>Vaishnavi V</td>
<td>9.65</td>
<td>Third Rank</td>
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<tr>
<td>AM.EN.U4ECE12105</td>
<td>Akshay Krishnakumar</td>
<td>9.61</td>
<td>Fourth Rank</td>
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<tr>
<td>AM.EN.U4ECE12131</td>
<td>Meka Juneeth Kumar</td>
<td>9.52</td>
<td>Fifth Rank</td>
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<tr>
<td>AM.EN.U4ECE12050</td>
<td>Vignesh V Menon</td>
<td>9.46</td>
<td>Seventh Rank</td>
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### Electrical & Electronics Engineering

<table>
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<tr>
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<tbody>
<tr>
<td>AM.EN.U4EEE12002</td>
<td>Abhiijith S Nair (1740/182)</td>
<td>9.56</td>
<td>First Rank</td>
<td>Gold Medal</td>
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<tr>
<td>AM.EN.U4EEE12145</td>
<td>Sreeraj S</td>
<td>9.42</td>
<td>Fourth Rank</td>
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<tr>
<td>AM.EN.U4EEE12001</td>
<td>Abbur Manoj Chowdary</td>
<td>9.33</td>
<td>Eighth Rank</td>
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</tr>
<tr>
<td>AM.EN.U4EEE12041</td>
<td>Shilpa Sankar S</td>
<td>9.22</td>
<td>Ninth Rank</td>
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<tr>
<td>AM.EN.U4EEE12010</td>
<td>Anusree Manoharan</td>
<td>9.19</td>
<td>Tenth Rank</td>
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### Mechanical engineering

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<tr>
<td>AM.EN.U4ME12130</td>
<td>K G Sachin</td>
<td>9.94</td>
<td>First Rank</td>
<td>Gold Medal</td>
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<tr>
<td>AM.EN.U4ME12105</td>
<td>Akash Arjun</td>
<td>9.87</td>
<td>Second Rank</td>
<td>Silver Medal</td>
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<tr>
<td>AM.EN.U4ME12128</td>
<td>Jeethesh Pai U</td>
<td>9.76</td>
<td>Third Rank</td>
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<tr>
<td>AM.EN.U4ME12119</td>
<td>Aswin G Nath</td>
<td>9.72</td>
<td>Fifth Rank</td>
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<tr>
<td>AM.EN.U4ME12045</td>
<td>Saraschandran K</td>
<td>9.71</td>
<td>Sixth Rank</td>
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<tr>
<td>AM.EN.U4ME12152</td>
<td>Sanjay Jose (1751/181)</td>
<td>9.67</td>
<td>Seventh Rank</td>
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<td>AM.EN.U4ME12157</td>
<td>Shamim Akhtar (1750/181)</td>
<td>9.67</td>
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<td>AM.EN.U4ME12063</td>
<td>Sreeram C Lal (1740/181)</td>
<td>9.61</td>
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### Computer Science & Engineering

<table>
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<tr>
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<tr>
<td>AM.EN.P2CSE14009</td>
<td>Sinsha K P</td>
<td>9.95</td>
<td>Second Rank</td>
<td>Silver Medal</td>
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<tr>
<td>AM.EN.P2CSE14007</td>
<td>Minnu Mohandas</td>
<td>9.6</td>
<td>Fifth Rank</td>
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### Very-large-scale integration (VLSI)

<table>
<thead>
<tr>
<th>Roll Number</th>
<th>Name of Graduating Student</th>
<th>CGPA</th>
<th>Rank</th>
<th>Medal</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM.EN.P2VL1D14102</td>
<td>Jia Mary Koshy</td>
<td>9.89</td>
<td>Second Rank</td>
<td>Gold Medal</td>
</tr>
<tr>
<td>AM.EN.P2VL1D14022</td>
<td>Sruthi Upendran</td>
<td>9.79</td>
<td>Third Rank</td>
<td></td>
</tr>
<tr>
<td>AM.EN.P2VL1D14004</td>
<td>Anjali Gopinath</td>
<td>9.59</td>
<td>Fifth Rank</td>
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</tr>
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### Power & Energy

<table>
<thead>
<tr>
<th>Roll Number</th>
<th>Name of Graduating Student</th>
<th>CGPA</th>
<th>Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM.EN.P2PR14009</td>
<td>Haritha G</td>
<td>9.53</td>
<td>First Rank</td>
</tr>
<tr>
<td>AM.EN.P2TF14009</td>
<td>Firaz E S</td>
<td>9.85</td>
<td>First Rank</td>
</tr>
<tr>
<td>AM.EN.P2TF14003</td>
<td>Anith T A</td>
<td>9.67</td>
<td>Second Rank</td>
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### E-Learning Technology

<table>
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<tr>
<th>Roll Number</th>
<th>Name of Graduating Student</th>
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</thead>
<tbody>
<tr>
<td>AM.EN.P2ELT14006</td>
<td>Srilekshmi M</td>
<td>9.94</td>
<td>First Rank</td>
</tr>
</tbody>
</table>

### Control & Instrumentation

<table>
<thead>
<tr>
<th>Roll Number</th>
<th>Name of Graduating Student</th>
<th>CGPA</th>
<th>Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM.EN.P2CIN14022</td>
<td>Deepa V</td>
<td>9.98</td>
<td>First Rank</td>
</tr>
<tr>
<td>AM.EN.P2CIN14001</td>
<td>Achala Prasad</td>
<td>9.94</td>
<td>Second Rank</td>
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</table>

### Wireless Networks & Applications (WNA)

<table>
<thead>
<tr>
<th>Roll Number</th>
<th>Name of Graduating Student</th>
<th>CGPA</th>
<th>Rank</th>
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</thead>
<tbody>
<tr>
<td>AM.EN.P2WNA14017</td>
<td>Remya M</td>
<td>9.45</td>
<td>First Rank</td>
</tr>
<tr>
<td>AM.EN.P2WNA14022</td>
<td>Vishnu S</td>
<td>9.21</td>
<td>Second Rank</td>
</tr>
</tbody>
</table>

### Master of Computer Applications (MCA)

<table>
<thead>
<tr>
<th>Roll Number</th>
<th>Name of Graduating Student</th>
<th>CGPA</th>
<th>Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM.EN.P3MCA13015</td>
<td>Renjitha R</td>
<td>9.45</td>
<td>First Rank</td>
</tr>
<tr>
<td>AM.EN.P3MCA13019</td>
<td>Sandeep S</td>
<td>9.4</td>
<td>Second Rank</td>
</tr>
<tr>
<td>AM.EN.P3MCA13008</td>
<td>Greeshma Sasi</td>
<td>9.27</td>
<td>Fourth Rank</td>
</tr>
<tr>
<td>AM.EN.P3MCA13001</td>
<td>Ajesh</td>
<td>9.19</td>
<td>Sixth Rank</td>
</tr>
<tr>
<td>AM.EN.P3MCA13025</td>
<td>Surya T K (963/110)</td>
<td>8.75</td>
<td>Eighth Rank</td>
</tr>
<tr>
<td>AM.EN.P3MCA13027</td>
<td>Varsha J (962/110)</td>
<td>8.75</td>
<td>Ninth Rank</td>
</tr>
</tbody>
</table>

### LIBRARY

The campus library is spacious, well-equipped and well-planned having a wide array of books, e-books, journals and videos providing vital support towards teaching, learning and Research.

**Updates in the last quarter**

- 500+ new books
- 25 renewal subscriptions
- NPTEL videos added
- Updated alert & documentation services
The Amrita Center for Wireless Networks and Applications (Amrita WNA) co-hosted an Indo-US workshop with Lockheed Martin Space Systems and CANEUS International on Sensors and Small Satellite Technology for Disaster Management (SSTDM 2016) from August 17th -19th, 2016. The goal of the workshop was to discuss the needs and challenges of SSTDM technologies with a vision to create a collaborative Indo-US SSTDM Center of Excellence. The workshop was co-funded by the Indo-US Science and Technology Forum (IUSSTF) and was inaugurated by Sri A.S. Kiran Kumar, Chairman of the Indian Space and Research Organization (ISRO), on August 17th, 2016 at Amrita University’s Kochi campus. During the workshop, the Amrita-Keysight Advanced Wireless Communication Lab was launched by Padma Sri M. Chandradathan, Scientific Advisor to the Chief Minister of Kerala, on August 18th, 2016 at the Amritapuri campus. The lab was established in alliance with U.S. Keysight Technologies and the Ministry of Earth Sciences (MoES), Government of India.

More than 40 experts from the U.S., U.K. and India were present at the global workshop. Some prominent guests included, Ms. Wanda Sigur, Vice President of Lockheed Martin Space Systems; Dr. Milind Pimprikar, Chairman of CANEUS International; and Dr. Helen J. Reeves, Science Director of Engineering Geology, British Geological Survey.

Ms. Wanda Sigur, V.P., Lockheed Martin Space Systems, said, “With the ongoing revolution in electronics and materials, small satellites and miniaturized sensors have the promises of complementing the larger traditional weather satellites that we depend upon globally. This would lead to new ways to improve forecasts and predictions for weather and other natural disasters. The SSTDM 2016 Conference has played a critical role in bringing the international community together in India to review and discuss the advances in these technologies and form collaborations that benefit all nations.”

Speaking about Amrita’s role in developing technology for disaster management, Dr. P Venkat Rangan, Vice Chancellor of Amrita University, said, “Amrita University has initiated several programs under the guidance of our Chancellor, Sri Mata Amritanandamayi Devi, for disaster risk reduction. The University has a decade of experience in the design, development, and deployment of wireless-sensor network systems for monitoring and delivering early warnings of landslides. These Amrita systems have been deployed both in the Western Ghats of Kerala and the Himalayas. We have also developed a system known as OceanNet, an affordable Internet and multilevel opportunistic Backhaul Network for fishing vessels at sea, and another system for the management of urban flooding using crowd-sourcing. This international workshop, SSTDM 2016, is another Amrita initiative to provide a forum for international and national scientists, researchers, faculty, policymakers, etc, to come up with a futuristic plan for disaster risk reduction and ultimately save lives.”

Amrita WNA
THE AMRITA CENTER FOR WIRELESS NETWORKS AND APPLICATIONS
Integrating technology with holistic solutions.

CONFERENCE/WORKSHOP/SYMPOSIUMS

INTERNATIONAL SUMMER SCHOOL ON INFORMATION SECURITY AND PROTECTION- AUG 2-6 2016

TALKS & ADDRESSES

7th International Summer School on Information Security and Protection was held at Amrita University, Bengaluru campus from Aug 2-6, 2016. This included hands-on security training from international experts in much sought after topics such as Software protection, Android Security, Machine Learning and others. Here are some scenes from the inauguration event. The event was organized by Amrita Center for Cybersecurity Systems and Networks.

SOPHOS VICE PRESIDENT VISITS AMRITA UNIVERSITY – SEPT 21 2016

Amrita Center for Cyber security Systems and Networks invited Mr. Hemal Patel, Senior Vice President of Sophos Operations in India, to Amrita University, Amritapuri Campus. He gave a talk to the students and faculty members about how to be successful in life and career.

TALK ON ANDROID SECURITY AUG 17 2016

Dr. Prabhaker Mateti from Wright State University, Ohio delivered a talk titled ‘Android Security’ on Aug 17th, 2016. He presented a balanced view regarding the status of Android Security. Amrita Center for Cybersecurity Systems and Networks thank Dr. Mateti for sharing his knowledge with our students. #TechTalk #Cybersecurity #Android

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