



INBOX

CSE Communications

VOLUME 1, ISSUE 1

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SPECIAL POINTS OF INTEREST:

- Insights from the industry shared by our alumni
- Entrepreneurs of CSE 2011-2015
- FDP on NMEICT and other e-learning tools
- Botique de Confiance— Helping Hands by our students
- Placements and publications

INSIDE THIS ISSUE:

Leader's Message	2
HOD's Message	2
Insights from the industry	2
Our Big Dreamers	3
FDP- NMEICT and e-learning	4
Placements	4
Publications	5
Farewell 2015	6
Social Service	6
Helping Hands	7

Message from Chairman

**“A journey of a thousand miles begins with a single step”
Confucius**

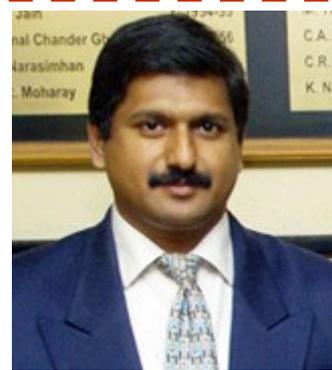
These words of Confucius, the Chinese Teacher and Philosopher can be rightly used to describe the painstaking performance of Computer Science and Engineering department in bringing out 'INBOX', the newsletter of CSE department. Our aim is to teach students to LEARN, not just STUDY. Hence, we strive to travel beyond the boundaries of mere text books.

Challenges and Opportunities are like the two sides of the same coin. Education have to keep pace with the demand of the overall development of the students. Measures initiated by the Computer science department in bringing out the department newsletter, the willing contribution of the teaching staff and over whelming response and enthusiastic participation of the dear students all vouch for this. When all the constituents come together and work in unison, the expected results are bound to flow.

Come on let's give our best and make this institution as a centre of learning through our perseverance and commitment. Wishing you all the best...!

“ If you can imagine it, you can achieve it. If you can dream it, you will become it. “

William Arthur ward



Er. Biju Varghese
Chairman,
Mangalam educational institutions



MANGALAM
COLLEGE OF ENGINEERING

Inspire | Imbibe | Innovate

विश्वे शास्त्रे प्रतिष्ठितम्।

From the Leader's Desk



Prof. Manoj George
Vice-Principal

It gives me immense pleasure to pen a few words as prologue to 'INBOX', the news letter of computer science & engineering department. I congratulate the department, all other contributors and the editorial board for bringing out such an innovative technical publication.

Empowerment of students for their all round development through education is our cherished goal. Today education means much more than merely acquiring knowledge. It is acquisition of knowledge and skills, building character and improving employability of our young talent, the future leadership.

I am proud of being the Vice Principal of such a wonderful institution that has a reputed computer science & engineering department which is dedicated to the development of skilled engineers. It is remarkable that the department has made consistent progress, year on year, in academic and co-curricular activities. Wishing you all the best...!

Message from HOD



Prof. Vinodh P. Vijayan
HOD
Dept. of CSE

My sincere communication will appreciation to the INBOX team for their commendable effort in bringing this venture to reality. In this present era of social media where social and professional networks grow across the globe, these kind of professional communications will help us to strengthen the network within the department. I strongly believe that this communication will become a fruitful medium for students and faculty members to showcase their co-curricular and extra-curricular skills. I request all the stakeholders to contribute to this communication to help others in order to understand the happenings in the frontier areas of computing.

Let out our mission is not merely

to survive, but to thrive and to do so with some passion, compassion, humor and in professional. Wishing every success to this and for upcoming issues.

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Alumni Corner - Insights from the Industry



Mr. Paul George
(Batch 2011-14)
Software Developer, EY

Time flies like an arrow. The days I spent in MLM were exactly like this proverb; my classmates and I have put a great deal of painstaking effort to study these years, and we also put our all energies into unforgettable events and activities such as PYROS 2K11, SAARANG, Mozilla APP Days, our album song – the list is endless. Now I am grateful that I have had op-

portunity to

study and good friends.

After four years of rigorous study in MLM, I am convinced that I am grown up as a global citizen. Although the curriculum was tough and busy, I am so satisfied with the good environment where I can learn not just about academic classes but also how to be a good social being.

I have been working as

as Software Developer in EY. At the time I was hired, company was mostly looking for graduates who have real practical knowledge which will be most probably missing in fresh graduates. I am proud to say that I got the job because my CSE department trained me well that I gained the same practical knowledge that a working graduate will have.

Besides education for computer science, my professors taught me to rectify and improve on my

weakness and at the same time drives me forward in life with new goals. I have been able to balance my work and personal life much better without any pressure at all because of the lessons I learned from my department.

I do believe that what I learn from MLM will give me a solid foundation for subsequent work as a professional and the friendship with my classmates will be an invaluable legacy in my life.

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Our Big Dreamers - Entrepreneurs of CSE

Three big dreamers of our 2015 batch, Tony Joseph, Anand Baby and Arun Shaji have started a startup company named **Photon Orbit** in the start up village, Cochin.

Photon orbit is a network of service sectors.

Photon orbit aims to provide a platform for service providers and service users to interact. Currently photon orbit is available for educational sector and also includes a basic social network which is available to all users.

Photon Orbit for

Educational Institutions can put all the activities in an educational institution into online. Most of the services are free while some premium services are available for a fee. Free services include online exams, assignments, notes, attendance marking, public forums, academic calendar etc.

Adios - Farewell 2015



After long four years of hard work, togetherness, friendship and adventures, the Dept of CSE bid farewell to our 2011-2015 batch students on April 18th, 2015. The farewell party was organized by the juniors together with faculty members.

Good byes are not for ever, but still they named the event- "Adios". The theme

of the event was balloons, hoping the students will fly high in beautiful colors in their future life. Symbolically the event began by flying colorful balloons in the air.

Adios began by a message from the HOD, filling hopes and enthusiasm in the students to grab a successful career. Four years of experience shared by the

class teacher made their eyes wet, but still her powerful words sure gave them motivation to fight through all hardships in life.

There were so many heart touching experiences shared by the students and lots of fun filled games and activities that helped the students relieve themselves of the pain of parting with each other.



Social Services

"Man has three duties: Duty towards God, duty towards parents and duty towards mankind."

Man has three duties: Duty towards God, duty towards parents and duty towards mankind. Students are born to read, to study books to prepare themselves for examinations. The hue and cry of the world and the heat and dust of life generally do not

move them. But there are occasions in a nation's life when normal duties suspend and normal life does not function. Then the services of students are essential.

There may be only a little that as students we can offer to the society. But if we do this little with

great love and passion, the outcome will be fabulous.

Students are a great source of strength to the country. They have ideals, energy and power to work. If they are rightly guided, they can really render very valuable service to the society.



Department Activities—FDP

A faculty development program on NMEICT & OTHER e-LEARNING RESOURCES FOR CLASS ROOM INSTRUCTION” was conducted at Mangalam College of Engineering, in collaboration with National Institute of Technical Teacher’s Training & Research, Chennai (MHRD, Govt. of India).

The event scheduled from 1st to 5th of June was

aimed to equip teachers with skills and knowledge that are essential for selection and integration of appropriate e-learning resources into the curriculum. The 5 day program was handled by Dr. V. Shanmuganeethi, Asst. Prof & Head i/c, Dept. Of Educational Technology & Multimedia, and Dr. G. Janardhanan, Assoc. Prof & Head i/c, Centre of Environmental Management, NITTTR, Chennai

According to John Dewey, the famous American Educational Reformer, “If we teach today’s students as we taught yesterday’s, we rob them of their tomorrow.” The five days FDP, coordinated by the Dept. of CSE have sure helped around 55 faculty members of various departments of the college to familiarise with the latest teaching technologies, that they would practice in their teaching for the NETGEN students.

“If we teach today’s students as we taught yesterday’s, we rob them of their tomorrow.”

-John Dewey

“ Adding golden feathers to the crown of CSE, our 2015 students have come out in flying colors. Our students were placed in various leading organizations including UST Global and IBS ”

Achievers of CSE 2011- 2015

Sl.No	Name of the student	Name of the Company
1	Ashwin V Nair	Retail On
2	Samu Joseph	Retail On
3	Tony Joseph	Retail On
4	Samu Joseph	Razor Think
5	Samu Joseph	Ruby Software
6	Rakhikrishna A	IBS
7	Ashwin V Nair	FACE
8	Arun Mathew Kurian	Ruby Software
9	Akhil K S	UST Global
10	Ashwin V Nair	Poornam
11	Aiswarya Unnikrishnan	Arts
12	Mirosh Nandaa	Arts
13	Aswathy George	Sutherland Global Services
14	Afiya Majeed	Sutherland Global Services

Newest member of CSE Family

Mr. Vishnu S. Sekhar

MTech Computer Science and Engineering



Technical Paper Publications

Name of Faculty	Title of the Paper	Publisher	Year, Month, Date
Mr. Vinodh P Vijayan	An Energy Efficient Light Weight Proactive Source Routing Protocol for Mobile Ad-Hoc Networks	ICIIECS'15	March 2015
Mr. Vinodh P Vijayan	A Hybrid Method for Blocking Malicious Nodes and Optimal Path Identification in Mobile Ad-Hoc Networks	IJSER	March 2015
Ms. Sreenimol K.R.	Minimizing Cost for Big Data Processing using Online Databases	IJCSIT, Volume 6, Issue 2	2015
Mrs. Neena Joseph	Secure Mining of Generalized Association Rules from Horizontally Distributed Databases	IJETST, ISSN No: 2348-9480	April, 2015
Mrs. Nimmymol Manuel	A Pairwise Homogeneity Active Learning	IJETST, ISSN 2348-9480	April, 2015
Ms. Anna Prathibha Shobak	Secure Multimatch Packet Classification Based on Signature Tree	IJCSIT, Volume 6, Issue 2	2015
Ms. Mitha Rachael Jose	Enhancing Security of Traffic Redundancy and Elimination approach in Cloud Data Storage using 3DES	IJCSIT, ISSN:0975-9646	2015
Ms. Sujitha .M	Flow Based Solutions for DoS and DDoS Attack Detection	IJARCET, ISSN: 2278 – 1323	March 2015
Ms. Neema George	Enhanced Security in Personalized Web Search	IJARCET, ISSN: 2278-1323	March 2015
Mrs. Neethu Maria John	Detecting Unexplained Sequences Using Top-k Algorithm	IJARCET, 2278-1323	March, 2015
Ms. Subha Sreekumar	Efficient Ranking on Website Using Scale Rank with Interpolation Search	IJARCET, ISSN: 2278 – 1323	March, 2015
Ms. Tinu Thomas	Change Detection on Images Using Morphological Processing	IJARCSSE, ISSN:2277 128X	March, 2015
Ms. Syamamol T	Improving Security of Publish/Subscribe System Using HASBE	IJARCET, ISSN: 2278 – 1323	February 2015
Ms. Renjana Ramachandran	Efficient Practices of Privacy Preservation in Relational Databases	IJARCET, ISSN: 2278 – 1323	March, 2015
Ms. Merlin Mary James	A new Tri Class Otsu Segmentation with K-Means Clustering in Brain Image Segmentation	IJARCET, ISSN: 2278 – 1323	March, 2015
Ms. Vineetha V Nair	Cost Optimization in Multicloud Platforms Using Priority Assignment	IJCER, ISSN:2250 3005	March 2015
Ms. Gayathri R Krishna	CHOKe: A Stateless Queue for Securing Flows	IJCSIT, ISSN:0975-9646	2015

Department of Computer Science and Engineering

VISION

To become centre of excellence in computing and research where future generations embrace technologies wholeheartedly and use its possibilities to make the world a better place to live.

MISSION

Enlight the young talents to achieve academic excellence as well as professional competence by imparting state of the art knowledge in computing and to be admirable individuals with ethical values and appropriate skills

PROGRAM EDUCATIONAL OBJECTIVES

PEO 1 (Focus: Domain knowledge & Problem solving)

Graduate will have strong foundation and profound knowledge in computing and allied engineering and be able to analyze the requirements of real world problems, design and develop innovative engineering solutions and maintain it effectively.

PEO 2 (Professional competence & Life long learning)

Graduate will adapt to technological advancements by engaging in lifelong learning and research, there by contribute to computing profession.

PEO 3 (Focus: Ethics & Soft skill)

Graduate will foster team spirit, leadership, Communication, ethics and social values, which will lead to apply the knowledge of societal impacts of computing technologies.

CONTACT US

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