Techiez Newsletter

What's Inside

Department of Computer Science and Engineering

CSE

To achieve excellence in Computer Science and Engineering education to meet the ever growing needs of the society.

Vision

Computer Science & Engineering Department is committed

- To ensure quality in major areas of Computer Science and Engineering keeping pace with the latest developments.
- To create the ability in the students to design, develop and test world classsoftware systems.
- To promote life-long learning in core and emerging areas.
- To inculcate strong ethical values and leadership abilities in the minds of students so as to work towards the advancement of the society.

Mission

I am happy that the department of Computer Science and Engineering has published their department newsletter.

Nandha Engineering College has been a forerunner in recognizing the needs of the industry and integrating knowledge with professional inputs. Our college is one of the most eminent Higher Education Institutions today and it is renowned for the standards of its facilities, students and alumni. By maintaining a team of core faculty members, who are constantly pushing the frontiers of knowledge, we ensure a futuristic approach that keeps pace with the changing trends in the professional world through our global perspective. Our primary commitment is to find the true potential of our students and equip them for the future, by providing them with the necessary skills, knowledge, and values.

We achieve this goal through our unrelenting efforts to enhance Quality in Education, Research, and Diversity in our campus. I consider this a great opportunity, privilege, and an honor to lead such a progressive educational establishment. I am positive that the pages that follow will help you to take the right path. We look forward to welcome you to Nandha Engineering College and help you shape your future by turning your dreams into reality, and prepare you to face the challenges ahead.

Dr.S.ARUMUGAM
Principal of NEC

Dean - CSE

Dr.N.SHANTHI

A Newsletter is a repository of the heart and soul of the Department. It reflects the life and times of the department at various periods in its history and is something that students cherish and treasure in their later years.

The faculty of Computer Science and Engineering at Nandha Engineering College has always been a trend setter but what has also been noteworthy is the excellent support and commitment of the non-teaching staff. I wish to congratulate the entire faculty and other staff for encouraging and guiding the students in all facets, for their well rounded development. I wish you all the best for achieving greater success and scaling newer heights in your education and career ahead.

HOD - CSE

Prof.K. GUNASEKAR

Engineers play the most vital and important role in nation's building. They create new inventions using best engineered technologies to make human life more comfortable, secure and productive. In modern times, nations which have rich engineering and experienced management domains are flourishing economically and are providing better lives to their people .

We have excellent potential to grow in diversified areas and excel in Engineering and Management fields. We need enormous number of engineers and managers to write the next story of success. I believe this magazine will provide us the benchmark for continuous improvement in overall development of the College. This news letter should be a good source of guidance for faculty and coming batches of students in choosing activities of their choice in their future for building their careers. I appreciate the efforts of the Editorial team who have done an excellent job in compiling department activities over the year and disseminating them through this news letter.

Association Inauguration

The Inauguration of Computer Science and Engineering Association was held on 11th July 2014 at the NEC Placement Auditorium. The Chief guest of the function was Mr. Ragunath Marasamy, Sr. Architect, CETE Software, Mysore. The function was graced by the presence of our Principal Dr.S.Arumugam ,our Dean Dr.N.Shanthi and the Head of the Department Prof.K.Gunasekar. The function started with the prayer song and the gathering was welcomed by the Student Secretary of the CSE Association Mr. S.Gowtham of Final CSE. Following the welcome address, our Principal Dr. S.Arumugam and Our Dean Dr.N.Shanthi felicitated the gathering. Later our Head of the Department Prof.K.Gunasekar introduced the Chief Guest Mr. Ragunath Marasamy after which he started his presentation. Following the presentation, office bearers of CSE Association were introduced. The office bearers are as follows, Student Secretaries Mr. S.Gowtham of Final CSE and Mr.R.Naveenkumar of Final CSE, Student Treasurers Ms. S.Abirami of Final CSE and Ms. S.Sripriyanka of Final CSE. Then as a token of love, a memento was presented to the Chief Guest Mr. Ragunath Marasamy by our Principal Dr. S.Arumugam. The function was ended with the Vote of Thanks given by Mr. R.NaveenKumar, Student Secretary of CSE Association.

Inter Department Meet

The Inter-Department meet was organized on 24th july 2014 by our department.

A combo of 9 events were conducted and totally 281 members participated in it from various other departments. The Winners were honored by the Dean Dr.N.Shanthi and the Head of the Department Prof. K.Gunasekar.

Events Of Inter Department Event
Art Gallery
Quiz
Marketting
One Minute Talent Show
Googling
Smart Engineer

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A seminar on Real-Time application development was organized by our department on 11th July 2014 for the final year students. The resource person was Mr.Ragunath Marasamy, Senior Architect, CETE Software, Mysore.

He briefly explained about the recent mobile application development and its popularity in the society.

Data Mining Tools

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An one day academic seminar on **Data Mining tools** was held on 12th August 2014, the expert R.R.Rajalakshmi, professor in Kongu Engineering College covered various data mining techniques, types of data mining tools,data processing analysis of data and the use of R-tool.

Software Testing Tools& Its Applications

A one day workshop on **Software Testing Tools and its Applications** was held on 1st September 2014 . It was coordinated by our faculty member Ms.M.Parvathi. The Chief guest of the function was Mr.S.Sivabal, Project Engineer, WIPRO technologies. He explained about manual testing, various automated testing tools and its applications and OTP tools with examples.

IoT: Technology,Applications & Impact

A one day Seminar on the topic **Internet of Things**: Technology,Applications and Impact was held on 4th December 2014. It was organized by our faculty member Ms.P.Uma. The chief guest of the function was Dr.San Murugesan,Adjunct Professor, University of Western Sydney, Australia. The session included topics about Internet and its components. He also gave a clear idea about how a paper will be validated that are submitted to any renowned journals like IEEE, etc.

Better Nutrition for Better Life

A seminar on Better Nutrition for Better Life has been held on 6th August 2014 at NEC conference hall. The seminar was organized by our faculty Ms.P.Sarala. The Chief guest of the event was Dr.P.Aruljothi, Residential Medical Officer, Erode. He insisted to reduce the stress to lead a better healthy life.

As a naturopathy expert, he advised us to lead a natural life by intaking the natural products as a medicine instead of English medicine and also outlined the importance of taking water and natural vegetables for good health.

Our faculty member Ms.S.Sasirekha Coordinated a program on **Breast Feeding Week** through women development cell on 14th August 2014. Dr.E.S.Usha, O&G Consultant and Dr.Selvan,Pediatric Consultant from Lotus Hospital, Erode were the resource persons. Girls from all departments participated in it.

C l u b A c t i v i t i e s

Siruthuli:

Independence Day Celebration

The Social club(SIRUTHULI) of CSE has organized the following events on 15th August 2014.

The Events were organized by our faculty member Ms.P.Vanitha.

Tree Plantation in Govt.Hr.Sec.School,Seenapuram.

Tree Donation to the students of Elementary school,Seenapuram.

Cultural Events at Mercy Garden orphanage,Seenapuram.

On behalf of Dept of CSE an amount of Rs.3000 was donated to the Mercy Garden Orphanage.

Teachers Day Celebration

The social club celebrated teachers day on 05th September 2014.

Greeting cards were created by the students and distributed to the faculty members.

Potenzia Club:

An **Aerobic** session was conducted on 17th August 2014 and the students actively participated in it.

Terracota class was conducted on 25th September 2014 to gain knowledge about Jewellery making through the potenzia club.

Chamilo Club (Open Source Club):

Mr.S.Narendiran,Framework Developer, UltraMain Systems handled the session on **Introduction to Eclipse IDE and developing simple applications** through the open source club on 11th October 2014.

VFX Hive Club (Multimedia club):

Multimedia Club organized a session on **YouTube wirecast for web** on 19th August 2014 for the second year PG students.

An external CVAC was conducted for Second year students on Object Oriented Programming and Paradigms on 23rd to 28th June, 2014.

External CVAC about Advanced Java was conducted for Third year students on 1st – 8th July, 2014.

Internal CVAC on C Programming was held on 2nd – 8th August, 2014 for Second year Lateral entry students.

Internal CVAC on Hardware and Troubleshooting was conducted on 18th – 20th December, 2014 for Second year students.

Internal CVAC on Multimedia was conducted for Third Year Students.

Our Faculty members Ms.M.Karthika and Ms.K.S.Sathya has conducted an internal CVAC on C & Embedded C for Third year Students of Nandha College of Technology.

Alumni Interaction

The following are the Alumni interactions held in the odd semester,

Mr.S.Narendiran & Mr.Rahul Raj (2010-2014),Junior Software Engineer ,Ultra Main Software India Pvt. Ltd, Coimbatore made an interaction with final year students on 5th July 2014.

Mr.Santosh (2010-2014), Junior Software Engineer, Infosys, Chennai made an interaction with our students on 11th July 2014.

Mr.T.Dinesh (2007-2011), Sr.Associate, Centinas, Bangalore, interacted with our students on 2nd August 2014.

Mr.P.Mohanraj(2007-2011), Sr.Software Engineeer, iGATE Global Solutions, interacted with our students on 25th August 2014.

Mr.G.ShyamBabu(2002-2006), Business solutions consultant, Data RPM Pvt Ltd, Bangalore, interacted with our students on 28th August 2014.

Alumni meet was conducted on 2nd August 2014 at NEC placement auditorium and 35 alumni from 2011 batch attended it. The alumni interaction was coordinated by our faculty member Mr.T.Prabakaran.

35 students of Final year CSE got selected in the following companies:

>*Tech Mahindra – 21*

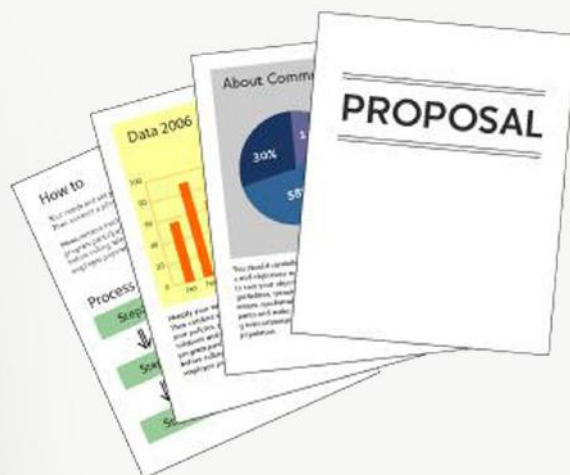>*iGATE – 8*

>*L & T – 3*

>*GoDB – 01*

>*EP Tech – 01*

>*UltraMain – 01*

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P r o p o s a l s

S.No.	Date	Reference No.	Agency	Purpose & Date	Title	Amount (`)
1.	04.07.14	NEC/SEMINAR/SERB/GRANT/2014-15/CSE-01/04	DST	SEMINAR 30.10.14 – 31.10.14	Future computing – research challenges and opportunities for computer science research in nano technology	60,000
2.	12.07.14	NEC/SEMINAR/DRDO GRANT/2014-15/CSE-02/07	DRDO	SEMINAR 06.11.14– 07.11.14	Leveraging sustainable agricultural operations by cyber infrastructure and cloud computing	70,000
3.	06.08.14	NEC/WORKSHOP/NBHM/GRANT/2014-15/CSE-03/18	NBHM	WORKSHOP 19.11.14 – 20.11.14	Computational optimization and modeling: recent advances and future challenges	80,000
4.	22.08.14	NEC/R&D/ DRDO/SEMINAR/ 2014-15/CSE-04/29	DRDO	SEMINAR 23.12.14 – 24.12.14	Big data analytics for security intelligence	90,000
5.	26.09.14	NEC/WORKSHOP/MoES/GRANT/2014-15/CSE-05/54	MoES	07.01.15 – 08.01.15	Integrated approach for exploration of earth with GIS and remote sensing	1,25,000
6.	27.09.14	NEC/SEMINAR/INSA/GRANT/2014-15/CSE-06/56	INSA	20.01.15	Research issues in big data analytics and health informatics	40,000
7.	20.10.14	Online	AICTE -ISTE	10.02.2015	Image processing	625000
8.	25.10.14	Online	AICTE -ISTE	16.03.2015	Information Security Management	640053

PROPOSAL

Tech Fest 2K15

TechFest 2015 was organized by the Department of Computer Science and Engineering and Information Technology for Polytechnic Students on 6th and 7th January 2015. Totally 175 students from various districts participated in the fest. Dr.R.Gunasekar,Chairman, Adithya Polytechnic college and Prof.P.Pushparaj,HOD/CSE, KSR Polytechnic college were the Chief guests for the Inaugural function. Prof.P.S.Dhanasekar,HOD/IT, Kongu Polytechnic College graced the Valedictory function and honored the winners.

Quiz

Multimedia

Fun Games

Prize distribution

Faculty corner

Ms. N. Prabhadevi, faculty member has completed her **Ph.D viva voce.**

Dr.N.Shanthi acted as a jury for **ICTACT-Youth Talk** at Muthayammal Engineering College.

Dr.N.Shanthi and Prof.K.Gunasekar attended **ICTACT Bridge Program** at LeMeridien,Coimbatore.

Our faculty members Mr.S.Prabhu, Mr.S.Karuppusamy and Ms.E.Padma, has completed their second DC meeting.

Research Papers were published by our 4 faculty members Ms.D.Vanathi, Ms.E.Padma,Ms.P.Sarala, and Mr.S.Prabhu in **IJIET** journal.

A workshop on **Computer Programming** was attended by our faculty members Ms.D.Vanathi, Ms.E.Padma, Ms.P.Sarala, Mr.S.Prabhu, and Mr.T.Prabhakaran at Kongu Engineering College.

Mr.S.Prabhu and Mr.S.Karuppusamy attended a seminar on **Writing Research Paper** at KSR College Of Engineering.

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A three day workshop on **Hands On Training in NS2** was attended by Ms. Senthamarai at Kongu Engineering College.

A two days Hands On Training program in **Data Mining Using MATLAB** was attended by Ms.S.Sasirekha at Kongu Engineering College.

Ms.E.Padma and Ms.S.Kavitha attended a workshop on **Wireless Sensor Network for Radiation Monitoring in Nuclear Energy System.**

Ms.D.Vanathi and Ms.M.Parvathi attended Hands on training on **Big Data and Analytics.**

Mr.M.Karthika attended **New Faculty Induction Programme.**

Dr.S.Arumugam acted as the resource person for the **New Faculty Induction Programme** held at Club Melange, Erode.

Ms.V.Aruna, Ms.B.Deepa, Ms.P.Vanitha, Ms.R.Maheshwari, Ms.K.S.Sathya attended a seminar on **Innovative Technologies to Develop Earth-Friendly Green Electronic Devices With Reduced Green House Gas Emission To Sustain Our Mother Earth.**

S.Kalayarasi, S.Abirami, S.Gowtham of final CSE and S.Ranjithkumar of second CSE have won the **Best Speaker Award** in Young India.

Sumaiya Fathima and Subathra of third year CSE won second prize in **Multimedia** at Mahendra Engineering College.

D.Saravana Kumar, K.Vijayaraman, V.Venkatesh, M.Anush Athithyan & G.Suresh of final CSE have secured second place in the event **11th hour held at Gravitas 14, VIT.**

R.Tharani of second CSE has got selected in the **University Football Team.**

R.Tharani of second CSE has won the second place in **Chief Minister Football Trophy** held at VOC park, Erode.

16 Students of final ME has published their papers in the International journals.

S.T.Shri Varshini, P.Shreemathi, R.Vinodhavarshini, P.Tamilselvan, M.Sridhar, has participated in **The Open Source Software Challenge** 2014.

18 projects has been submitted for **TNSTC.**

3 students have applied for **Best Student** Award.

5 projects has been submitted for **ICTACT Youth Technology.**

2 Projects has been displayed in **EroIntec** held at Parimalam Mahal, Erode.

30 projects were displayed in the **Innovation Day 2015.** The Project "Car Parking Guard using IR sensor" submitted by our second year UG students have won the Second place in the Innovation Day.

Student corner