



National Education Society (R), Shivamogga

JNN COLLEGE OF ENGINEERING NEWSLETTER

BEACON

Volume -1 Issue -1 January - June 2017



Mr. Nagaraja S.N.

Message from the Secretary, NES

I am delighted to know that a Newsletter carrying the campus news and the achievements of staff and students who earn credits for the institution is being launched by JNNCE. On this momentous occasion, I wish all the best to those who are responsible for bringing out this newsletter. It would definitely be an inspiration and motivation for our students and staff to perform better and add on their contributions in the forthcoming issues.

My hearty congratulations to all the Editorial Committee members.

Message from the Principal

It is pleasure to welcome you to J.N.N. College of Engineering (JNNCE), an Institution under National Education Society. I am pleased to place before you the first issue of Newsletter of our college in 2017-18. I am excited to see 2017 taking off to an energetic start with such a wide variety of program offerings and even more in developmental initiatives. In JNNCE, it is believed and practiced that excellence is a continuous process and in pursuit of which the institute has made deep forays into contributing world renowned technocrats, successful entrepreneurs competent leaders, innovative scientists and researchers. I compliment the Editorial Committee and wish them all the best.



Dr. H.R. Mahadevaswamy

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JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING

Savalanga Road, Navule, Shivamogga-577204, Karnataka.

Ph : 08182-276707 / 8/ 9, 268800 / 1 FAX : 08182-222450

Email : principal@jnnce.ac.in Website : www.jnnce.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING



Valedictory function of MEA and farewell of final year students on 1st June 2017 with Mr. Narendra, Hydraulics and Landing Gear Specialist, Aircraft Prototype, HAL, Bangalore as a Chief Guest



Prof. L. K. Shripati appeared as **PUBLIC HERO** telecasted by Public TV on 26th April 2017 for his contribution in Green Technology

Other Activities

- Students chapter (**SAE-JNNCE Students Chapter**) was inaugurated by Mr. Krishna Ramaswamy, CEO, M/s. Xitadel at JNNCE held on 3rd March 2017.
- A talk on **Entrepreneurship** was delivered by Mr. B. Bhagavan, Prop. M/s. L. R. Enterprises, Bangalore on 19th April 2017.
- **Study Abroad** program was conducted by Global Reach on 12th May 2017.
- A Press meet on 'Kasturi Rangan Report' at Press Club, Shivamogga on 17th April 2017 was attended by Prof. L.K. Shripati.
- A lecture on **Bio Fuels** was delivered by Prof. L K Shripati held at Chikodi on 25th May 2017.

DEPARTMENT OF CIVIL ENGINEERING

Other Activities



Free eye check-up camp by Shankara Eye Hospital



FDP on **Applications of Total station** in Civil Engineering.



Rechikoppa Check Dam Sub-surface exploration done by the Department of Civil Engineering



STTP on **Soil mechanics and testing for Road, Building, Canal, Embankment and Irrigation Structures** for PWD and Irrigation Dept. Engineers

- A research Grant of Rs. 3 lakh has been sanctioned by Karnataka New Age Incubation center to a Project **Pervious Concrete for Paver blocks** guided by Mr. Neeraj S. N. Asst.Prof., on Feb 2017.
- A technical talk on **Project Management Concepts and Primavera** was given by Mr. Prasanna P. Doddmani, Manager, Synergy Products, Bangalore on 22nd Feb 2017.
- A two- day workshop on **Design of tall Structures** was conducted by Mr. Vinay, CEO, SPM Hydraulics Company, Bangalore on 17th & 18th March 2017.
- A two-day workshop on **Admixture for Construction** was conducted by Mr. Vasudev Murty, Director, Tools Academy, Bangalore, on 10th & 11th April 2017.
- A two- day workshop on **MX Roads** was conducted by Mr. Chetan M.L., AGM, L&T Company, Chennai and Mr. Sunil Kumar D.C., Design Engineer, Feedback Infra, Bangalore on 3rd & 4th June 2017.
- An inspiring talk on **Inner Engg. for Youth** was delivered by Swami Nirbhayananda Saraswati on 10th May 2017.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



COSMOS inaugural function



Students receiving certificates for the Best Project



A handbook of the projects being released by President of NES, Shri A.S. Vishwanath, and Secretary Shri Nagaraja S.N.

Other Activities

- A Technical talk on “**Best Practices**” was given by S.B. Shadakhsharappa, TIPS, Road Map, and Directions for terracing research project in April 2017.
- Suraksha Shetty, 5th semester has participated in National Level Skating Championship held at Bengaluru in Jan 2017.
- Suraksha Shetty, 5th semester has won Cash Award of Rs. 1.3 lakh from Government of Karnataka for bagging 1 Gold, 2 Silver and 2 Bronze Medals at National Roller Skating Competition held at JNNCE in Jan 2017
- Best Project contest was held in the department under the coordination of Dr. Manjula G. R. Asso. Prof., and Mr. Chetan K. R. Asst. Prof., for final year students in June 2017.



Suraksha Shetty, 5th sem., participated in National Level Skating Championship held at Bengaluru in Jan. 2017

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING



INSIGHT Valedictory function and **Koushalya Deepa** magazine release on 20th May 2017



Principal interacting with parents on 8th April 2017

Other Activities

- A technical talk on **Angular Java scripts** was given by Mr. Anup D Rao, Senior Software Engineer, Infogain Ltd. and also ALUMNI of the department in March 2017.
- Prajna N H & Pranathi K R participated in Paper Presentation competition held at Moodalakatte Institute of Technology, Kundapura and bagged **1st Prize** in March 2017.
- A Web application titled, **Counselling for admission to PU students for National Education Society** was developed by Shashank G Upadhya, Ravi chandra T S, Sharadhi M A, Bhagyashree Kasal and Shwetha B J guided by Mr. H K Pradeep, Asso. Prof., and Mr. Sathanarayana K. B. Asst. Prof., in May 2017.
- **JNNCE MOBILE APP** was developed by Manoj Kumar K M, Aditya H J, Naveen S G, Pavan Prakash Naik, Dheemanth M D and Sagar M K. guided by Dr. M Kiran, Asst. Prof., in May 2017.
- FDP for CSE, ISE, and MCA Departments on **PYTHON Programming for Cloud, Data Sciences and Networking** was organized by the department on 9th - 11th and 16th - 18th June 2017.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



FDP program on **Advanced Microcontroller Programming and IOT** from 12th - 16th June 2017



Project Exhibition of final year ECE

Other Activities

- Prof. P. Manjunatha, HOD, was invited as a resource person to deliver a talk on “**Mobile Communication and its Applications**” to Sahyadri College, Shivamogga on 4th April 2017
- Prof. R.S. Kunte, is the BOS chairman of Academic studies in EC/TC, VTU, Belagavi during 2017-19.
- Prof. S.V. Satyanarayana, was a special invitee for BOS in EC/TC, VTU, Belagavi during 2017-19.
- **4th place in e-Yantra Robotics Competition** was bagged by the students Akshay P., Amit M Girimaji, Arpita N R and Nikhil V., students of 8th semester, on 24th & 25th March 2017 at IIT Bombay.
- A two-day workshop on **Internet Awareness and Digital Transactions for Women and Senior Citizens** was organized by the Dept. on 17th & 18th March 2017



Internet awareness and digital transactions for women and senior citizens on 17th & 18th of March 2017

DEPARTMENT OF TELECOMMUNICATION ENGINEERING



Pavani KG, Prakash BR, Kavya KR and Aishwarya BR of final year TCE got KSCST approval for their Project titled **GORAKSHAK**



Workshop on **Internet Awareness and Digital Transactions for Women and Senior Citizens** in association with IETE Shivamogga Centre

Other Activities

- Adarsh N. D, Adarsh B.P, Prasanna H.V, Vrushabendra, Nagbhushan Gowda and Manikantha D.K of TCE, won State Level Hackathon organized by KBITS at JNNCE in April 2017.
- Two - week online STTP on **CMOS VLSI System Design** sponsored by MHRD, Govt. of India under JNNCE Remote Centre by IIT Kharagpur with 25 participants was organized by the Dept. on 20th to 4th June 2017 at JNNCE.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



Technical visit to **Main Receiving Station (MRS)**, Shivamogga, organised for 6th semester E&E Students on 29th May 2017. Co-ordinated by Mr. N G Ajanna, Asst. Prof., Mr. Vidyashankar M Asst. Prof., and Chandrasekhar S. (Foreman)

Other Activities

- A technical talk on **Conservation of electrical energy by using LED bulbs** was given by Chandrasekhar S. (Foreman) at Matturu, Shivamogga on 12th Feb 2017.
- A technical talk on **Renewable Energy** was given by Prof. H B Suresh for Thammadihalli village farmers on 30th May 2017.

- A paper titled **Seven level packed U cell Multilevel inverter for real time application** was published by Mr. H M Maheshwarappa, Asst. Prof., in an International journal of research in Electrical Engineering, ISSN no:2349-2503 in 2017.
- FDP program on **Advanced Microcontroller and IOT** was organized for the faculty of EE, EC, and TC departments during 12th to 16th June 2017.
- A fund was collected from staff & students of 3rd Year students to donate a steel almirah and sports equipment to Shri Sharadadevi Andhara Vikasa Kendra, Gopala, Shivamogga on 13th July 2017.

DEPARTMENT OF MATHEMATICS



Five Day FDP on **Recent Trends in Applications of PDE and Probability**, organized by the Department during 27th June - 1st July 2017. Co-ordinated by Dr. Nirmala T. Asso.Prof., & Mr. Anil S.C. Asst.Prof.,



Mr. M.R. Krishnamurthy, Asst. Prof., was awarded Ph.D for his thesis: **A Study on Boundary Layer Flow and Heat Transfer of Dusty Nanofluid** under the guidance of Dr. B.J. Gireesha, Dept. of Mathematics, Kuvempu University

Other Activities

- FDP on **Recent Trends in Applications of PDE and Probability** was conducted by the Dept. from 27th June to 1st July 2017. Eminent resource persons Prof. Pradeep G. Siddeshwar, Dr. Om P. Suthar, Dr. B.J. Gireesha, Dr. S.R. Swamy and Dr. Pandurangappa were invited for sessions.
- An article **MHD flow of an unsteady dusty fluid through an inclined channel in anholonomic coordinate system** was published by Dr. Nirmala T., Asso. Prof., in an International Journal of Mathematics Trends and Technology, vol.41, No. 3, Jan-2017.
- A paper entitled **Slip flow and nonlinear radiative heat transfer on suspended nanoparticles due to a rotating disk in the presence of convective boundary condition**, was published by M.R. Krishnamurthy, B.J. Gireesha, C. Prasannakumara & Rama Subba Reddy Gorla in the Journal of Nanoparticles, Vol-6, Jan 2017.
- A paper entitled **On ϕ -Symmetry of C-Bochner curvature tensor in para-Sasakian manifold admitting Quarter-Symmetric metric connection**, was published by Dr. Gurupadavva Ingalahalli Asst. Prof., and Prof. C.S. Bagewadi, in Asian Journal of Mathematics and Computer Research, 17(3), (2017), 172-183 in March 2017.
- A paper entitled **A Study on K-contact Manifolds Admitting Semisymmetric Non-metric connection**, was published by Dr. Gurupadavva Ingalahalli Asst. Prof., and Prof. C.S. Bagewadi, in JNNCE Journal of Engineering Management (JJEM), Vol-1, issue-1 in Jan- June 2017.

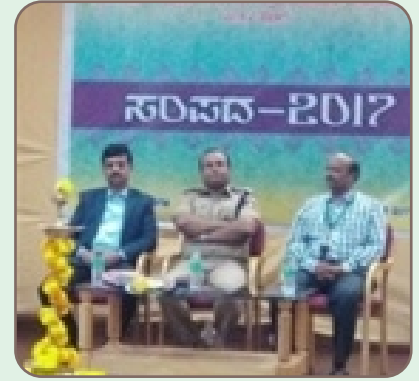
DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS



Dr. P Nagabhushan, Director of IIIT Allahabad delivered a talk on **Brain Storming Problems for Algorithm Design** on 20th March 2017



2 day workshop on IOT for MCA students during on 31st March and 1st April 2017



Shri Muthuraj, Additional S P as Chief Guest for Farewell programme on 19th May 2017

Other Activities

- Research Excellence award was Received by Prof. Ajit Danti during Educational & Skill Summit organized by Indo-Global foundation in association with Ministry of Skill Development, Govt. of India at Bengaluru on 24th June 2017.
- Prof. Ajit Danti was delivered Keynote address at National conference organized by Sahyadri Science college, Shivamogga (Kuvempu University) on 17th March 2017
- **74 students** were placed in various esteemed companies, in 2017



Training program for PG CET applicants on 14th and 15th June 2017.

DEPARTMENT OF MANAGEMENT STUDIES



One-day MDP on **Business Accounting**, on 22nd Jan 2017 for the employees of MAMCOS



Intercollegiate UG Fest Utthana, theme - **Bharath-Sirion** on 30th March 2017



Alumni Meet-**Anubandha** organized on 7th May 2017



Mr. Srinivasa Murthy B.V. was awarded Ph.D. for his thesis: **“Effectiveness of Integrated Marketing Communication Approaches in Tourism Industry-A Study of Malnad Region in Karnataka”**, under the guidance of Dr. Noor Afza, Professor, Department of Studies and Research in Business Administration, Tumkur University, Tumkur.

Other Activities

- A program **Mathrubhasha Divas** was organized by the department as per the guidelines given by the AICTE and Govt. of India on 20th Feb 2017.
- A program **Cancer Health Awareness, Stress Management and Cancer** was organized by Utthana-Centre for Arts, Literature and Humanities on 19th April 2017. The resource persons were the doctors from Tumkur.
- Management Day was celebrated on 7th May 2017.
- **28 students** were placed in various esteemed companies in 2017.

TRAINING AND PLACEMENT

Every year the following activities are conducted successfully by Training and Placement Cell:

- Placement for students of the college
- Project placement assistance for students
- Training and development of students in various areas such as general aptitude, technical attitude, communication skills, interview skills, group discussions etc
- Organizing need based upgrading of skills for teaching and non-teaching staff
- Organizing and coordinating alumni forum activities
- Organizing seminars related to educational opportunities abroad
- Activities relating to carrier guidance and carrier planning of students
- Organizing special lectures by distinguished persons from industry
- Organizing passport mela for facilitating students to obtain passports.

Placement Record

Year	No. of students placed
2012-13	138
2013-14	142
2014-15	207
2015-16	240
2016-17	388

Companies visited

Wipro Technologies	Career Prime	Crimson Logic
TCS	BEL	FACE
Dell India	Robert Bosch	Ethnus
Tech Mahindra	Triveni Turbines	Span InfoTech
IGate	Miople	CSC
Society Genarale	TD Power Systems	Q Spider, RIIT
Global Edge	Sankalp	ABC for JAVA
Dell R&D	Infinitum Globel	Amazon
Manhattan Associates	Cadence	Werbung
Seventh Sense	First American	Robosoft Tech

TECHZONE ACTIVITIES

Techzone is a National level technical symposium conducted by the College and IEI Students Chapter jointly. The event is being conducted from 15 years. Techzone provides students a platform to exhibit their technical skills and talents in different fields of Engineering. Students from 15 colleges in and out of Karnataka participated in this year's event. Techzone 2017, held on 5th, 6th and 7th May 2017. Prizes were given to the winning teams in the valedictory ceremony.



Dead Metal Event at JNNCE



Inauguration of Techzone on May 5th 2017 by Mr. Mahesha Pandit, Head of Technology and Architecture Group, Aris Global, Mysuru

SPORTS ACTIVITIES



Cricket Men team **Secured 1st place** at VTU Central Karnataka zone Cricket Tournament from 21st -25th March 2017



Handball Men team **Secured 2nd place** at VTU Central Karnataka zone Handball Tournament from 27th -28th March 2017



Bhuvan G S 8th sem ME bagged **gold medal** in VTU power lifting 74 kg category



Handball Women team **Secured 1st place** at VTU Inter Collegiate Fest of Bangalore zone from 27th - 28th March 2017



Chess Women team **Secured 3rd place** at VTU Inter Collegiate Fest of Bangalore zone from 21st - 22nd April 2017



Premkumar R 4th sem CE bagged **gold medal** in VTU power lifting 66 kg category.

CULTURAL ACTIVITIES



JNNCE bagged **3rd** place in VTU Fest held at Sir.MVIT, Bangalore from 4th - 7th April 2017.



Prize distribution in **JANVEY 2017**

NSS ACTIVITIES



Blood donation motivation & Blood Group Testing program.



NSS Special Camp in Matturu village, Shivamogga

JNNCE National Service Scheme members are active in conducting various social services under the leadership of Mr. C D Ashok Kumar, Asso. Prof., NSS Program Officer.

- One-week **NSS Special Camp** was conducted at Matturu, Shivamogga for the benefit of public from 11th to 17th Feb 2017.
- **Health care programme** was arranged jointly with H M Health-Care Trust at McGann Hospital, Shivamogga, from 20th to 21st Feb 2017.
- **Seed ball preparation** program was held in association with Uthkrusta Bharatha on 5th March 2017.
- Rs 24,200/- was contributed to snake Kiran for his health care on 14th March 2017.
- A Procession on **World Water Day** was held in association with Chirantana club at Shivamogga, on 22nd March 2017
- Deputed two student volunteers for “**Leadership Camp**” organized by VTU at VTU Campus, Belagavi from 1st to 7th April 2017
- **Blood Donation Camp** was organized in association with Rotary & McGann hospital at JNNCE on 7th April 2017
- **Swachh JNNCE Campus Cleaning** program was conducted at JNNCE on 20th May 2017

CHIRANTANA GREEN TECHNOLOGY AND DISTRICT BIO-FUEL INFORMATION CENTER ACTIVITIES



Vanamahotsava at JNNCE



World water day rally



Biofuel Demo at
NSS camp



Visit of Mr. Anil Uppin, MD,
KCTU, Bangalore.

Chirantana Club conducted many activities.
A few of them are

- Sky watch using stellerium was conducted for women at NSS program of KNMC on 26th Jan 2017 at Hosudi.
- National Science Day was organized at Kuvempu Ranga Mandira, Shivamogga on 28th Feb 2017.
- Presentation on Celestial objects was organized at Kallahalli, Bhadravati on 14th March 2017.
- Earth Day was celebrated on 22nd April 2017.
- A Talk was arranged on Water management for farmers at Holehonnuru on 8th May 2017.
- A program was conducted on Seed ball preparation on 14th May 2017 at JNNCE.

JNNCE Alumni Meet



JNNCE organises Alumni meet every year at JNNCE campus and outside. This year's Alumni meet was organised at Delhi on 10th June 2017.



Jawaharlal Nehru National College of Engineering, Shivamogga.

LIBRARY & INFORMATION CENTER

The Library has more than one lakh volumes and is computerized. The Library is digitalized and uses e-lib iNext Web based Library software. Library website is www.libinfo@jnnce.ac.in

2931 volumes have been purchased for our library during January -June 2017. Our library has subscribed to 42 National and International journals, 21 general magazines and 14 news papers. Moreover, JNNCE library is a member of VTU consortium. With this, we can download may National and International journals. We also provide the DELNET service to our users.

FACULTY / STAFF WHO ATTAINED SUPERANNUATION (JANUARY TO JUNE 2017)

1. Dr. A V Pradeep Kumar, Professor, Dept. of Civil Engineering
2. Mr. H K Harish, Asso. Prof., Dept. of Electronics and Communication Engineering
3. Mr. H S Sadananda, Director, Dept. of Physical Education
4. Mrs. Alphonse Margaret, Superintendent, Establishment Section
5. Mr. H. T. Dattatri Jois, FDA, Placement Cell
6. Mr. Mohan G, Library Assistant, (Sl. Grade)

EDITORIAL BOARD

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11	Mr. Sreenivasa V.	Assistant Professor	Dept. of CE

ACKNOWLEDGMENTS

The Editorial Board thanks NES Management and the Principal for their constant support and encouragement for all our activities. The Board also thanks the Heads, teaching and non-teaching staff of all the Departments for their valuable information, suggestions and unwavering co-operation in bringing out this issue. We also appreciate Chitrakoota Printers for their peerless work.

