



National Education Society (R), Shivamogga

JNN COLLEGE OF ENGINEERING NEWSLETTER

Internal Quality Assurance Cell (ICAQ)

BEACON

Volume -1

Issue -2

July-December 2017



Mr. Nagaraja S.N.

Message from the Secretary, NES

We, at JNNCE, focus on providing better academic ambience and learning environment for its students and faculty. JNNCE believes in creating and disseminating the knowledge and skill in core areas through innovative educational programs and developing a new cadre of global professionals. This Newsletter is a record of various programs conducted round the year to groom our students.

I invite each and everyone to be a part of this roller coaster ride and see yourself transformed personally and professionally at the end of year course.

Message from the Principal

“ Success comes to those who work hard and stays with those who don't rest on the laurels of the past”

Each issue of the Newsletter of our college is a milestone that marks our growth, unfolds our imaginations, and gives life to our thoughts and aspirations. It unleashes a wide spectrum of creative skills ranging from writing to editing and even in designing the Newsletter. I congratulate the entire editorial team for their hard work and dedication in making this dream come true.



Dr. H.R. Mahadevaswamy

Inside this issue :

- | | |
|---|----------|
| • Accomplishments of the departments | Pg 2-10 |
| • Training & Placement | Pg 10 |
| • Dept. of Physical Education | Pg 10-11 |
| • Chirantana Activities | Pg 11-12 |
| • NSS Activities | Pg 12 |
| • Kannada Rajyotsava Celebration | Pg 12 |
| • Release of Journal & Newsletter | Pg 13 |
| • NAIN Activities | Pg 13 |
| • Faculty/Staff attained Superannuation | Pg 14 |



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

Faculty/Student Profile Strengthened Accomplishment

JNNCE has emerged to develop powerful engineers for tomorrow by providing value based professional education and academic expertise. The college provides Hi-Tech. infrastructure, E-learning support, Industry visits as a part of curriculum & E- Library facility

DEPARTMENT OF MANEGMENT STUDIES



- 1 Industrial visit to Bombay Stock Exchange by 3rd Semester Finance students. Coordinated by Asst. Professors, Subhadra P.S. and Dr. Ravish N.S. in October 2017.
- 2 MBA students visit Esur, Shivamogga Dist. to Commemorate 75th anniversary of Quit India Movement.
- 3 Five-day FDP on 'Big Data for Business Management' during 3rd to 7th July 2017. The resource persons were Dr. Lalith Achoth, Director, Dairy Science College, Bengaluru, and Dr. Jasna Balasangameshwara, Asso. Prof., Department of Computer Technology, Dayananda Sagar University, Bengaluru.
4. Industrial visit to MTR, Bengaluru and Ashley-Alteams, Chennai by 3rd semester HR students. Coordinated by Asst. Professors, C.K Anuradha, P.S Subhadra and Aishwarya Hittanagi.



Mr. Lakshmeesha Kanti K S, Asso. Prof. was awarded Ph.D. from VTU, Belagavi for the thesis entitled **"A Study of Financial Management Practices, Systems & Approaches in Areca Sector in the Malnad Region of Karnataka"**, under the guidance of Prof. M G Krishnamurthy, Department of Management Studies, JNNCE, Shivamogga.



Mr. Vikram V, Asst. Prof. was awarded Ph.D. for his thesis: **"A Study on Supply Chain Management Practices of Selected Newspaper Companies in Karnataka State"**, Under the guidance of Dr. Habeebur Rahman. K.S, Asso. Prof., Department of Management studies, JNNCE, from – Research center, Department of Management studies, VTU, Belgaum.

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS



Alumni meet on 5th Aug 2017. Sri. Srikrishna was the chief guest



Sri. Chakravarthi Sulibele delivered a talk on "Quit India movement – 75th Anniversary" on 18th Aug 2017.



Appkut app inauguration by Mrs. Rashmi Suryanarayan, CEO, Exchanging Shivamogga, on 21st Aug 2017



Sri. Y S V Datta, addressed students on the topic **“Ideal Student Good Teacher”** on account of Teachers Day celebrations on 6th Sep 2017



Inauguration of Orientation day on 9th October 2017 by Sri. Y V Gundu Rao



Runner up team at **“INFOTSAV 2017”** held at JCE, Mysuru on 28th and 29th October 2017



Inauguration of Fresher's day **“Sneha Sambrama”** by Sri. D Manjunath on 9th Nov 2017



“Softskill awareness programme” by Sri. MuralidharHalappa on 17th Nov 2017



National Conference on **“Computational Sciences and Soft Computing NCCSSC”** held on 14th and 15th Dec 2017

National Conference on **“Computational Sciences and Soft Computing”** was held on 14th and 15th December 2017 at JNNCE, Shivamogga. Papers presented at the conference by JNNCE staff.

Dr. Ajit Danti	<i>“Threshold Based for Prediction of Death using Dimensionality Reduction Techniques”</i>
	<i>“Clustering of Compressed Text Documents”</i>
	<i>“Human Facial Expression”</i>
	<i>“Feature Based Twitter Sentimental Analysis on Tourism Domain”</i>
Raghavendra S P Dr. Ajit Danti	<i>“Recognition of Bank Cheque number based on Correlation”</i>
Arun Kumar K L Dr. Ajit Danti	<i>“Recognition of Vehicle using geometrical features of a tail light in the night vision”</i>
Manjunath H T Dr. AjitDanti	<i>“Recognition of Traffic Sign Board Using Normalized Correlation method”</i>
Dr. AjitDanti Kumari K	<i>“Segmentation of Blood Regions for Automatic Blood Group Classification Using Image Processing Technique”</i>

Quote : The joy of engineering is to find a straight line on a double logarithmic diagram

- Thomas Koenig

DEPARTMENT OF MECHANICAL ENGINEERING



The inauguration of MEA – Activities for the year 2017 – 18 was held on 18th Nov 2017. Mr. Sudhir Sanna - CEO, Robotics, Robot & Vision Sensor, Material Handling & Automation, USA - INDIA was the Chief Guest and delivered a talk on **“Mechanical Engineering, OBE in Mechanical Engineering- an Overview”**.

The department organized a Guest Lecture on **“Cryogenics”** by Prof. S L Bapat, Dept. of Mechanical Engineering, IIT-B Mumbai, for the Final and Pre Final year students on 23rd Oct 2017.



Prof. L K Sripathi delivered a lecture on **“Green Building”** at National level Seminar on **“Role of Engineers Infrastructure, Energy and Irrigation”** at Dayanand Sagar College of Engineering, Bangalore on 27th Sept. 2017



Prof. L K Sripathi delivered a talk on **“Bio fuels and Eco friendly house”** at AICTE sponsored FDP conducted by Gousia Engineering College Ramanagara on 25th Nov 2017



Mr. Amith Kumar S J, Asst Professor was awarded Ph.D from VTU, Belagavi for his thesis : "Investigations on Resin Impregnated Paper based sandwich Composites Filled with Low- Water absorption Foam for Marine Applications" on 29th November under the guidance of Dr. K Sabeel Ahmed Dept of Mechanical Engg, JNNCE, Shimoga

DEPARTMENT OF CIVIL ENGINEERING



MoU with Autodesk Design and Training Centre, Dharwad signed on 4th Oct 2017



1. A Research Grant of 4 Lakh is sanctioned from Karnataka New Age Incubation Center for the Project **“Plastic bitumen and fiber-reinforced concrete”** guided by Mr.Raghuram Asst. Prof.

2. The dept. conducted a Pavement investigation studies for a prematurely failed flexible pavement section of SH38 at Kollegala, Chamarajanagar District.
3. One-day workshop on **“Concrete Mix design”** was conducted by Mr. Nagesh Puttaswamy, General Manager, sponsored by Ultra-tech cements.
4. Mr. Sanketh G and Mrs.Sreeganga, 7th semester students have shown exemplary performance in National Creativity Aptitude Test 2017 and secured All India Rank 82 and 91 in Category 3 conducted by International Forum for Excellence in Higher Education.
5. Ms. Pallavi D P, 7th semester student has got Certificate of Excellence and secured All India Percentile 75.8 in category 3.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



Department forum **COSMO** inauguration held on Sept 8th 2017



"Fotoslower structures work" at state level Krushi Melanie, Raichur on 8th December 2017. First time Created by Mr. Harish Kumar, Instructor.

Publications:

1. A paper on **“WEEIDS: Web Eccentricity Embezzle Intrusion Detection System”** by Mrs. Ayesha Siddiqua, Asst. Prof. Imperial Journal of Interdisciplinary Research in August 2017.
2. A paper titled **“Sharing Data Efficiency Using Name Based Routing in Big Data”** by Sathyanarayana N S, Asst. Prof. International Journal of science. Engineering and Technology Research in July 2017.
3. A paper on **“Enhanced flocking method to control congestion in wireless sensor network”** by Mr. Vedananda D E, Asst. Prof. International Journal of science, Engineering and Technology Research in Sept 2017.

Conference papers :

1. A paper titled **“MRI Segmentation, Detection, Classification of Neonatal and Adults Brain tumor: A review”** was presented by Prof. Poornima K M in an International Conference on Signal & Image Processing-2017 (ICSIP2017), Maharaja Institute of Technology, Mysuru, held on 18th and 19th August 2017.
2. Chetan K R, Asst Prof and Prof.NirmalaShivananda presented a paper entitled **“An intelligent fragile water marking scheme based on contourlets for effective detection, localization and recovery of tampered regions in handwritten document images”** in the 6th International Conference on Advances in Computing, Communication and Informatics, Manipal university during 13th to 16th September 2017.

Quote : Until and unless we have dedicated and committed teachers who take to teaching as a mission in their lives we cannot have a good education system.

- Dr. S. Radhakrishnan

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING



Department forum **"INSIGHT"** Inauguration by Mrs. Rashmi Suryanarayana, DXC Technology, for the year 2017-18 on 25th September 2017.



Placement Officer and HOD Interacting With Parents during Parent Teachers Meeting held on 26th Sept 2017

- Dr. Kiran M, Asst. Prof., Prof. Jyothi K and Prof. R Sanjeev Kunte submitted a proposal for a project funding titled **"Interactive Shadow Teacher- A Multimedia Enabled Digital Assistance for Intellectually Disabled"** for Rs. 63 lakh under DST, Government of India in Sept 2017.
- A Talk on **"Career Building"** for final year students was delivered by Mr. Nitish Prabhu, Software Developer, Evive Health and also Alumni of the department. It was organized by Mrs. Samara Mubeen, Asst. Prof., Mr. C V Suresh, Asso. Prof. and Mr. Anil Kumar, Instructor, on 3rd Nov 2017.
- Mr. Pradeep H K, Asso. Prof. conducted a training Program on **"C-Aptitude"** for 7th semester students on 7th Sept 2017.
- Aptitude test was conducted for pre final year students by InQuiztive Minds. It was organized by Mrs. Samara Mubeen, Asst. Prof., Mr. C V Suresh, Asso. prof. and Mr. Anil Kumar, instructor, on 22nd Sept 2017.
- Chinkurali V, Nagabharana, Manoj Kumar K.M., Pavana D, Ramya V Nadig, 7th semester students, did a Hobby project on **"IOT- home automation"** under the guidance of Dr. Kiran M, Asst. Prof. in October 2017.
- A workshop on **"Performance Engineering"** by Mr. Chidambaram was organised under the banner of INSIGHT on 30th Aug 2017.
- Technical Talk on **"Exploring courses on recent technologies"** by TCS ION was arranged on 9th Sept 2017.
- Competition on **"Web Page Development"** was held under INSIGHT, the departmental forum in October 2017.
- Two-day workshop on **"CCNA - Cisco Certified Network Analyst"** was conducted by THYNKRYT INNOVATIONS in joint association with INSIGHT and COSMOS on 23rd and 24th Sept 2017.
- Open Talk Tech event on **"JDBC- Java DB Connectivity"** and **"PHP - DB connectivity"** was organised in the department.
- Technical Quiz and Technical Rangoli competition was organised for the students under INSIGHT departmental forum in October 2017.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Workshop on Basic Electronics for High school students on 09, 10th Sept 2017. Co-ordinator: Prof. P. Manjunatha, HOD



Two-Day National Level Workshop on **"IoT, a Hands-on approach"** on 4th, 5th November 2017. Resource persons: Mr. Abhijith N, Mr. Pradeepa S.C, Mr. Prashanth G.S, Mr. Sharath S.M and Mrs. Shwetha H R



FDP on **“ARM Microcontroller & Embedded System Using ARM Cortex M3”** from 11th - 15th December 2017. Co-ordinators: Dr. H.R.Mahadevaswamy principal, Prof. P. Manjunatha HOD, and Assistant Professors Sharath S.M, Shwetha H R, and Prema K N

Publications:

1. Lavanya R, Prof. S V Sathyanarayana, **“Authenticated Group Diffie Hellman Key Exchange for Secure Group Communication”**, JNNCE Journal of Engineering and Management- JJEM, Volume 1, Issue 1, September 2017, pp 59-66
2. Lavanya R, Prof.. S V Sathyanarayana, **“Group Diffe- Hellman Key Exchange Algorithm based Secure Group Communication”** Accepted for publication in the proceedings of 3rd International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT - 2017), 21-23, December, 2017, SSIT Tumkur
3. Mr. Prashanth G.S, Asst prof, **“Analysis of FHSS-CDMA with QAM-64 Over AWGN and fading channels”**, International Research Journal of Engineering and Technology(IRJET),e-ISSN: 2395-0056, Volume 2, issue 08, August 2017.

DEPARTMENT OF TELECOMMUNICATION ENGINEERING



Final year students in IoT (Internet of Things) Project Day



The students attended the workshop on **“Introduction to data science”**. with resource person Mr. Sandeep Kumar E



“IoT, a hands-on approach” jointly organized by Department of ECE and TCE on 5th November 2017

1. The Students of 7th semester, Adarsh N D, Deepika Bhat and Chaitali B H Matt have submitted a project **“Voice controlled Home Automation”** in IoT Project Day under the guidance of Mr. Benak Patel M P, Asst. Prof. at IEDF, Microsoft signature Building, Domlur, Bengaluru, on 29th July 2017.
2. The Students of 7th semester, Koushik R Udupa, Bhavana and Keshav R Tikare, have submitted a project **“Node MCU controlled Robot”** in IoT Project Day under the guidance of Mr. Benak Patel M P, Asst. Prof. at IEDF, Microsoft signature Building, Domlur, Bengaluru, on 29th July 2017.

DEPARTMENT OF ELECTRICAL ENGINEERING



The Departmental association –powertron for the year 2017-18 was inaugurated by Dr.S Rajjanna, professor, MCE, Hassan. He delivered a technical talk on **“Recent Trends in Solar Energy Conversion Systems”** on 30th oct 2017.



Half a day demo on **“Electrical engg. Equipments, Construction and Principle of Operation”**, was conducted for the benefit of Xth standard students of National Public School, Shivamogga on 9th sept 2017. Coordinated by Mr. N.G.Ajjanna, Asso. Prof. and Mr.Chandrashekhara S (Foreman). About 15 student volunteers from 7th semester EE were involved.



One-day workshop on **“Basic Electrical Engg.- A practical aspect”** was conducted, for the benefit of First year “E” section students. It was coordinated by Mr.Chandrashekhara S (Foreman) on 23rd Sep 2017. About 36 student volunteers from 3rd EE and 5th EE were involved.



On 13th Oct 2017, the students from 5th semester EE visited the VAARAH underground power house and MAANI dam power house. Mr. N.G.Ajjanna, Asso. Prof. and Mr.Chandrashekhara S (Foreman) coordinated and accompanied this Industrial trip.

DEPARTMENT OF BASIC SCIENCE

Department of Physics

Publications :

1. Shilpa G M, Prof. B N Anandram, Mohan kumari T L, **“Measurent of ²²²Rn concentration in drinking water in the enviroens of Thirthahalli taluk”**, Karnataka, India. Journal of Radiation Research and applied Sciences, 10 (2017) 262-268
2. Megha R, Ravikiran Y T, Kotresh S, Dr. Rajprakash H G,Asst. Prof., Vijaya Kumari S C, Sabu Thomas, **“Carboxymethyl cellulose: an efficient material in enhancing alternating current conductivity of HCl doped polyaniline”**, Cellulose, DOI, 10.1007/s10570-017-1610-5, Dec 2017.

Conference Papers :

1. S Kotresh¹, L.P. Babu Reddy², Y.T. Ravikiran¹, Dr. Raj Prakash² H.G, Asst. prof., S.C Vijayakumari³, S. Thomas⁴, presented a paper **“solution Based-spin Cast Processed Humidity Sensor at Room Temperature”** in an International Conference on Applied Nanotechnology & Nanoscience-2017 (ICANN-2017) held on 07th to 09th Dec. 2017 at Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati (Pune) Maharashtra, India. **(Awarded 1st prize for best oral presentation)**
2. B. Chethan, S. C. Vijayakumari, Y. T. Ravikiran, Dr. Raj Prakash H G, Asst.prof., S. Thomas, presented a paper **“Structural and Electrical Properties of Nickel Substituted Cadmium Ferrite”**, in 2nd International Conference on Condensed Matter & Applied Physics (ICC-2017) during Nov. 24-25, 2017, Bikaner-334004, Rajasthan INDIA.

Department of Chemistry

Publications :

1. S.G. Chethan^{1*}, Dr.M. H. Moinuddin Khan,Asso. Prof. and Prof.L.K.Sreepathi. **“A Novel Method for Refining Crude Glycerol a Byproduct From Biodiesel Industries”**International Journal of Applicable Chemistry, 2018, 7 (1): ISSN: 2278-1862.
2. Dr.H.P. Sachin, Asst. Prof. & B.M. Praveen, **“Treatment of Industrial Azo Dye Effluents by Electrochemical Technique And its COD measurement”** International Journal of Applicable Chemistry, 2017, 6 (6): ISSN: 2278-1862.

Department Of Mathematics



Department of Mathematics organized the special lecture series on **“Applications of Probability and Statistics”** during 18th Nov 2017.

Publications :

1. Prof.C.S. Bagewadi and Dr.Gurupadavva Ingalahalli,Asst. Prof.”**Ricci Solitons in (ϵ, δ) -Trans-Sasakian Manifolds**”,International journal of analysis and applications (eta maths journal), 14 (2), (2017), 209-217.
2. Dr.Gurupadavva Ingalahalli,Asst. Prof.and Prof.C.S. Bagewadi, **“A Study on φ -Symmetric τ -curvature tensor in K-contact manifold”**, Acta Universitatis Apulensis, 51, (2017), 53-60.
3. Dr.Gurupadavva Ingalahalli,Asst. Prof.and Prof.C.S. Bagewadi, **“Ricci solitons in Generalized Sasakian space form,Bangmod”** Int. J. Math. Comp. Sci. 3(1-2), (2017), 144-153.
5. Dr. B. C. Prasannakumara, Dr. B. J. Gireesha, Dr. M.R.Krishnamurthy,Asst.Prof.&R.S.R.Gorla,”**Slip flow and nonlinear radiative heat transfer of suspended nanoparticles due to a rotating disk in the presence of convective boundary condition**”, Int. J. Nanoparticles, Vol. 9, No. 3, pp.180–200. (IF- 0.088).Dec 2017.
6. Dr.M.R.Krishnamurthy,Asst.Prof, K.Ganesh Kumar, Dr. B.J.Gireesha & Dr.N.G.Rudraswamy, **“MHD Flow and heat transfer (PST and PHF) of dusty fluid suspended with alumina nanoparticles over a stretching sheet embedded in a porous medium under the influence of thermal radiation”**, Journal of Nanofluids (American Scientific Publishers), Vol. 7, pp. 1–9, Oct 2017.
7. M.Umeshiah, Dr.M.R.Krishnamurthy,Asst.Prof., Dr.N.G. Rudraswamy, Dr.B.J.Gireesha & Dr.B.C. Prasannakumara **“Nonlinear radiative heat transfer to Carreau fluid over a nonlinear stretching sheet in a porous medium in the presence of non-uniform heat source/sink and viscous dissipation”**, Frontiers in Heat and Mass Transfer, Aug 2017.

Activities:

1. Department of Mathematics has been recognized as VTU research Centre wef November 2017. Dr. Nirmala T and Dr. Gurupadavva Ingalahalli are recognized as guides.
2. Dr. M.R. Krishnamurthy attended the National Conference on **“Recent Advances in Mathematical Sciences and Applications”** organized by the Department of PG studies and research in Mathematics, Tumakuru University, Tumakuru, Karnataka during 1st and 2nd Dec 2017.

Quote : Teaching is very noble profession that shapes the character, caliber and future of an individual. If the people remember me as a good teacher, that will be the biggest honour for me
- A.P.J. Abdul Kalam

DEPARTMENT OF HUMANITIES :



One-day workshop on “**Time management and skill development**” in Vikasa high school on 1st July 2017 under the guidance of Dr. Veena Vinod. Workshop Coordinators are Shreyas B, Deeksha A, ,Usha HJ Suhas S, Vasuki H A, Sowjanya Jain, Ranjitha S, and Sapna T, students of E&C Dept. **Programs Included:** Add making, Creative Thoughts, Number Changing, Story completion, Quantity Utilization by time management.

TRAINING & PLACEMENT CELL

Every year many activities are conducted successfully by Training and Placement Cell.
Companies visited and Placement Record 2017- 18

Congratulations !!

Sl. No.	Companies Name	Date	TOTAL SELECTED	CSE	ISE	ECE	EEE	MECH	TCE
1.	TCS	21 & 22.09.2017	122	57	19	34	02	08	02
2.	SOCIETE GENERALE	06 & 07.10.2017	06	02	02	01			01
3.	CRIMSON LOGIC	13.10.2017	02			02			
4.	SLK SOFTWARE	16 & 17.10.2017	11		03	04		03	01
5.	TECHNOLOGICS GLOBAL	07.11.2017	04	01	01	01	01		
6.	Wipro	13.11.2017							
7.	EVIVE HEALTH	26.11.2017	01	01					
8.	CODILAR	27.01.2018							
	TOTAL		146	61	25	42	03	11	4

Activities

1. Organized six - day training program on “Employability Skills” by ETHUNS Bengaluru, from 31st July to 5th Aug 2017 for final year students of all branches. 280 students attended
2. Organized two - day training program on “TCS Specific cracker programme” on 9th and 10th Sept 2017 for final year students of all branches. 230 students attended
3. Organized one-day training program on “TCS Specific Technical (C programming) programme” on 19th Sept 2017 for final year students of all branches. 230 students attended.
4. Organized two-day training program on “ Wipro Specific cracker programme” on 10th and 11th Sept 2017 for final year students of all branches. 52 students attended.

DEPARTMENT OF PHYSICAL EDUCATION

JNNCE has Organized the following Tournaments

1. VTU Inter collegiate Inter zone Badminton tournament for Men & Women on 8th & 9th Sept 2017.
2. VTU Badminton team selection trails for Men & Women on 8th & 9th Sept 2017.

Quote : The Science of today is the Technology of tomorrow

- Edward Teller

VTU Champions, Shining Stars

Congratulations !!



Table Tennis Women team participated at VTU Central Karnataka zone Table Tennis tournament held at AIT, Chikkamagalur on 28th & 29th August 2017 & **Bagged Second place.**



Badminton Men team participated at VTU Central Karnataka zone Badminton tournament held at KIT, Tipturu on 4th & 5th September 2017 & **Bagged First place.**



Badminton Women team participated at VTU Central Karnataka zone Badminton tournament held at KIT, Tipturu on 4th & 5th Sept 2017 **Bagged First place**. Also **Bagged First place** at Inter zone, JNNCE, Shivamogga on 8th & 9th Sept 2017.



2 JNNCE, Power lifting Women team has **Bagged 2 Medals** in VTU Power lifting competition held at SIT, Tumkur from 15th to 17th Sept 2017.



JNNCE, Taekwondo Men team has **Bagged 3 Medals** in VTU Taekwondo competition held at VemanaIT, Bangalore on 9th & 10th Nov 2017



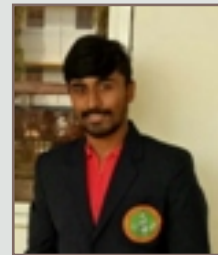
Surakshashetty, 5th semester, receiving cash award for National level Roller skating competition for getting **1 gold, 2 silver and 2 bronze medals** held on 15th July 2017



Prathibha H G 3rd sem Civil Engineering represented VTU in South zone Inter University Badminton Women tournament held at Andhra University Vishakapatnam from 12th to 15th Nov 2017.



Amrutha B S 3rd sem Information Science Engineering represented VTU in South zone Inter University Badminton Women tournament held at Andhra University Vishakapatnam from 12th to 15th Nov 2017.



Saleem Ismail Shaik 5th sem E C E represented VTU in South zone Inter University Kabaddi Men tournament held at Sathyabama University, Chennai from 19th to 22nd Nov 2017.

CHIRANTANA GREEN TECHNOLOGY CENTER ACTIVITIES



Science Demonstration at Lingadhahally



Seed ball preparation in JNNCE



Talk at Chaitanya NGO, Alkola, Shivamogga



Multipurpose social service organization, Ragigudda, Shivamogga



Talk at Govt PU College, Maluru

Talks held

1. RWH at Rajendranagara Residence Association on 16th July 2017
2. Field trial testing of Areca nut reaper on 17th July 2017
3. RWH and Global warming at Govt. degree college, organized by Rotary club on 22nd July 2017
4. RWH at Chaitanya NGO, Alkola, Shimoga on 1st August 2017
5. RWH at Multipurpose social service organization, Ragigudda, Shimoga on 8th August 2017
6. "Renewable Energy sources" at Sagar Science forum on 13th August 2017
7. "Man and Environment" at PU and High School on 17th August 2017

Projects undertaken in the year 2017-18

1. Design of Solar PV System for Dr.A N Nagaraj, Bheemanakone, Theerthahally on 7th Oct 2017
2. Design of Areca baking Chula for Muralidhara, Hosahally on 7th Oct 201
3. Suggestion for rectifying the operational problems of Bio gas system to Mr. Eranna, Shikaripura on 31st Oct 2017.

NSS ACTIVITIES

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



NSS Orientation programme conducted for first year & higher semester engineering students. Invited speaker: Dr. P. Narayan.



Awareness program on Swadeshi Campaign- "Know China! No China! Talk by Sri.K .V. Biju & Sri. C.P Madhavan On 24th Oct 2017



Free health check-up program held at Kommanalu village, in joint collaboration with Government Mc Gannhospital, N C D division & Malnad cancer hospital Shivamogga on 14th Nov 2017.

KANNADA RAJYOTHSAVA CELEBRATION

Kannada Rajyothsava was celebrated in JNNCE campus on 20th November 2017. The Chief guests were the President, Vice President, Secretary, and the Treasurer of NES, Shivamogga. The function was presided by our Principal and was started by offering pooja, followed by Invocation song from students. Chief guests talked on the occasion. Dr. H B Suresh, E&E department, entertained the gathering with kannada chutukus. The program was coordinated and anchored by Mr. Chandrashekhar S, E&E department. The Staff and Students of JNNCE attended the programme.



Jawaharlal Nehru National College of Engineering, Shivamogga.



Release of JNNCE Journal (JJEM)



Release of JNNCE Newsletter

KARNATAKA NEW AGE INCUBATION NETWORK (NAIN) CENTRE

Department of IT BT, Government of Karnataka has started “**New Age Incubation Network**” Centre at JNNCE in 2014 to build startup & business ecosystem in and around Shivamogga. **Regional Coordinator** : Mr. Mallesh Kumar K S and **College Coordinator** Prof. Manjunath P.

Innovative Project proposals will be invited from JNNCE students, Alumni, Research Scholars & the public every year. For top 10 innovative ideas. There will be funding of Maximum Rs. 3.00 Lakh per project. Top 33 innovative projects of first 3 batches have been funded to a maximum of Rs. 3.00 Lakh per project for last three years.

Objectives of the Scheme:

- The main objective of the scheme is to encourage students, research scholars and alumni to share their ideas to solve chosen problems which are local centric and to validate, refine and nurture the ideas.
- To provide an ecosystem to convert the ideas into proof of concept and upgrade them to a level of commercial value.
- To encourage and lead the teams towards setting up a business enterprise after a successful incubation.



1



2



3



4



5



6



7

1. Incubator visit by Smt. Rashmi Suryanarayana, CEO, Xchanging, Shivamogga on 21st of Aug 2017.
2. Orientation Programme for NAIN Batch 2 Colleges at KBITS Conference Hall, Bangalore
3. Creative Club Launch by Nivedan Nempe & Batch2 Results announcement at MBA Auditorium on 23rd of sep 2017
4. A talk on “**Power of Positive Attitude and Success through Small Improvements**” by Anjappa N on 26th and 27th of sep 2017
5. Incubator visit by famous orator Sri. Y V Gundurao on 9th oct 2017
6. Bengaluru Tech Summit & Maker Faire Bengaluru Road Show at MBA Auditorium, Shivamogga on 31st oct 2017. iLabHub, WorkBench Projects, KBITS
7. “**Vruththi koushalya-unnathiya saadhyathe**” a talk by Sri. Murulidhar Halappa, Chairman, Skill Development Corporation GoK on 13th Nov 2017.

Activities

1. Hackathon on Data Analytics, IoT & Mobile Apps with Silfra Technology Pvt Ltd Blore at MBA Auditorium on 8th Nov 2017
2. Open interaction with Incubates by Dr. Mahabal Adiga & Dr. William Ingler in the Admin Seminar Hall on 14th Nov 2017
3. Pre-Hackathon for Batch-4 ideas selection with Mr. Gireesh, CEO Advitheeya Pvt Ltd at MBA Auditorium on 14th and 15th Nov 2017

FACULTY / STAFF WHO ATTAINED SUPERANNUATION (July to December 2017)

1. G H Basavarajappa, Asso. Prof. Geology, Dept. of Civil Engineering. Served for 35 years.
2. Dr. B M Gangadharappa, Prof. Dept. of Civil Engineering. Served for 28 years.
3. Mr. Narayana V, Attender / Driver, Transportation Department. Served for 19.4 years.

EDITORIAL BOARD

Sl. No.	Name	Designation	Department
1	Dr. H.R. Mahadevaswamy Chief Editor	Principal	
2	Dr. Nirmala. T Editor, Convener	Associate Professor	Dept. of Mathematics
3	Dr. Srinivasa Murthy B.V.	Assistant Professor	Dept. of MBA
4	Mr. Benak Patel M.P.	Assistant Professor	Dept. of TCE
5	Mrs. Roopa B.S.	Assistant Professor	Dept. of ECE
6	Mr. Sudeep Manohar	Assistant Professor	Dept. of MCA
7	Mr. Chakrapani D.S.	Assistant Professor	Dept. of CSE
8	Mr. Akshay M.J.	Assistant Professor	Dept. of ISE
9	Mr. Parameshwara S.	Assistant Professor	Dept. of ME
10	Mrs. Supriya M.R.	Assistant Professor	Dept. of EEE
11	Mr. Sreenivasa V.	Assistant Professor	Dept. of CE
12.	Dr. Veena Vinod	Assistant Professor	Dept. of Humanities

ACKNOWLEDGMENTS

The editorial Board gratefully acknowledges the management and the Principal whose generous support makes the work of board possible. We are grateful to the service offered by the HOD's, teaching and non-teaching staff of all the departments. We also appreciate Chitrakuta Printers for their peerless work.



Inauguration of Orientation Programme for First Semester B.E. Classes (2017-18 Batch) held on Monday, 31st July 2017.
Chief Guest :
Mr. E. S. Chakravarthy,
Tata Consultancy Services (TCS), Bengaluru.
Presided By :
Sri A.S. Vishwanatha
President, N.E.S.