

National Education Society®



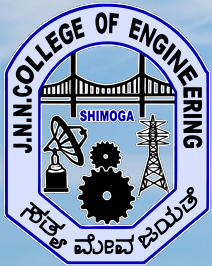
J N N COLLEGE OF ENGINEERING SHIVAMOGGA

Savalanga Road, Navule, Shivamogga, Karnataka - 577 204,
Phone: 08182 - 276707 / 08 / 09 | Fax: 08182 - 222450
Email: principal@jnnce.ac.in | Website: www.jnnce.ac.in

BEACON JNNCE Newsletter

Issue 8

SEP 2020 - SEP 2021



National Education Society®

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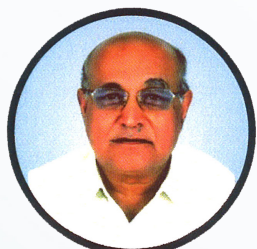
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Message Box



Sri A. S. Vishwanatha
President, NES, Shivamogga

It is with great pleasure that I welcome the release of eighth issue of JNNCE's Newsletter "BEACON". I am impressed by the commitment of the institute and the staff to the provision of an excellent all-round education for our students on the campus. We strongly promote academics achievement among our students. The cultural, sporting and other successes of all of our students and staff are also proudly celebrated together.

JNNCE is an innovative institution drawing on the talents and skill of staff, students and parents to provide a host of curricular and extra curricular activities. Wholesome participation is encouraged in all these activities and care is also taken to ensure the welfare of each and every student and staff in the college. With a long and rewarding history of achievement in education behind us, our college community continues to move forward together with confidence, pride and enthusiasm. I appreciate the enthusiastic effort made by the editorial Committee members to bring out this issue and all the hard work they put in.



Sri S. N. Nagaraja
Secretary, NES, Shivamogga

At the outset, I congratulate the editorial Committee of JNNCE-News-Letter for coming out with the present issue. Any newsletter for that matter is the reflection of the progress and prosperity of an institution. In an era of firm competition, success can only be achieved if one makes the right kind of effort at the right time. The modern education is a flowing river and not a stagnant still pond. We need to set our pace accordingly so as to reach the ocean of excellence. In this regard, all our educational institutions are taking remarkable steps. I feel JNNCE is following the ideals of integrated learning with the right combination of academic excellence with other activities.



Dr. P. Manjunatha
Principal (In-charge) &
Dean Academics, JNNCE

JNNCE is committed to provide a holistic and globally relevant education to the students, and to become a cornerstone in helping generations of students to dream, visualize and plan for their bright and prosperous future. Our working atmosphere comprising of tireless and devoted facilitators, we today have created our own masterpieces on the canvas of technical education. All the activities at the college are designed to cater to the well being of students, staff and community as a whole. A tremendous amount of love and respect towards all the stakeholders of JNNCE, and my deepest sense of obligation are due to NES Management for its perennial encouragement and support in all the academic activities at the college. My congratulations to all those are untiringly working in carving a niche at the national and international education scenario. The philosophy behind success is "If everyone is moving together, then success takes care of itself". With this note, I congratulate the editorial team of the newsletter for compiling and composing a wonderful newsletter issue.

Editorial Board



Sl. No.	Name	Role	Department	Designation
1	Dr. P. Manjunatha	Chief Editor	ECE	Principal In-Charge & Dean Academics
2	Dr. E. Basavaraj	Editor & Convener	ME	Professor & Head
3	Ms. Akshatha M	Member	Civil	Asst. Professor
4	Ms. Smitha S. M	Member	ECE	Asst. Professor
5	Ms. Pushpa R. N	Member	CSE	Asst. Professor
6	Ms. Prathima L	Member	ISE	Asst. Professor
7	Mr. Manjunatha H. T	Member	MCA	Asst. Professor
8	Mr. Anand Raj S. N	Member	TCE	Asst. Professor
9	Dr. Subhadra P. S	Member	MBA	Asst. Professor
10	Mr. Chandrashekhar S	Member	EEE	Foreman
11	Mr. Harish Kumar A. C	Member	CSE	Instructor
12	Ms. Divya S. P	Member	Accounts	SDA
13	Mr. Sathish K. T	Member	Library	Asst. Librarian

“JNNCE is committed to provide a holistic and globally relevant education to the students, and to become a cornerstone in helping generations of students to dream, visualize and plan for their bright and prosperous future. Our working atmosphere comprising of tireless and devoted facilitators, we today have created our own masterpieces on the canvas of technical education. All the activities at the college are designed to cater to the well being of students, staff and community. A tremendous amount of love and respect towards all the stakeholders of JNNCE, and my deepest sense of obligation are due to NES Management for its perennial encouragement and support in all the academic activities at the college. My congratulations to all those are untiringly working in carving a niche at the national and international education scenario. The philosophy behind success is “If everyone is moving together, then success takes care of itself.” With this note, I congratulate the editorial team of the newsletter for compiling and composing a wonderful newsletter issue.

Department of Civil Engineering

Event Conducted

- ❖ Department has organized short term program on "STAAD Pro Connect Edition -Design and Analysis Context Worlds Infrastructure" for students on 8th September 2021. The department coordinator for the event was Mr. Sabareshwaran S. N and Mr. Dattatreya S. Bhasari.
- ❖ Department has organized short term program on "Application of Engineering Geology in Civil Engineering Practices - A Practical approach" for students on 17th September 2021. The department coordinator for this event was Mr. Srinivasa Pandit A. N & Mr. Ganesh Prasanna S.

Paper Publications

- ❖ Mrs. Bindiya K has published paper in International Conference on "Recent Advances in Geo technical Earthquake Engineering & Soil Dynamics" organized by IISC Bangalore & IIT Roorkee held from 12th to 15th July 2021.
- ❖ Mr. Neeraj S. N & Mr. Chiranjeevi B. P has published paper in International Journal of Engineering Research & Technology (IJERT) with ISSN 2 278-0181 on the topic "Effect of Auto Rickshaws & Buses on Mixed Traffic Flow - A Case Study of Shivamogga City" on 9th September 2021.
- ❖ Dr. Sugghosh H. P has published paper in Journal of Indian Institute of Science springer with ISSN:9070-4140 on the topic "The Role of Bioreactor Landfill Concept in Waste Management in India" on 12th August 2021.

Invited Talks

- ❖ Dr. Karthika B. S, Associate professor and HOD of the department has attended International Conference on "Global Convergence in Technology, Entrepreneurship, Computing and Value Engineering: Principle & Practices" (ICGCP-2021) as chairperson which was held on 16th July 2021.

FDP / Workshops / STTP's Attended by Faculty

- ❖ Mr. Shashikumar M Hiremat, Mrs. Bindiya K & Ms. Kanchana H. J has attended one-week National level FDP on "Basics to Proficiency Level - Hands on Approach on Innovative GIS Technique" organized by Department of Civil Engineering, St. Peters Engineering College, Hyderabad from 24th May to 29th May 2021.
- ❖ Mr. Arun V & Mr. Anirudh N has attended one week FDP on "Advances in Pavement Engineering" Organized by IIT Bhubaneshwar from 25th May to 28th May 2021.
- ❖ Mr. Anand B attended 3 days webinar on "Analysis, Design & Detailing of Structures Using Staad Pro (ADDS-2021)" from 3rd June to 6th June 2021.
- ❖ Mrs. Akshatha M, Mrs. Chaya D. Y and Ms. Kanchana H. J has attended three-days webinar on "Concepts & Practices in Civil Engineering" organized by Dept of Civil Engineering, Bapuji Institute of Engineering and Technology, Davanagere from 7th June to 9th June 2021.
- ❖ Mr. Mohamed Ibrahim N has attended three days training program on "Futuristic Research in Disaster Resilience" from 11th to 13th June 2021.
- ❖ Mr. Arun V has attended one week FDP on "Inculcating Universal Human Values in Technical Education" from 14th June to 18th June 2021.
- ❖ Mr. Umapathi has attended one week FDP on "Current Practices in Transportation Engineering" organized by Department of Civil Engineering, AJIET, Mangalore from 15th to 19th June 2021.
- ❖ Mrs. Chaya D. Y has attended one week ATAL FDP on "Advanced Civil Engineering Software Usage in Infrastructure Development" Organized by G. Pulla Reddy Engineering College (Autonomous), Kurnool from 5th July to 9th July 2021.
- ❖ Mr. Dattatreya S. Bhasari attended International Conference on "Advancements in Structural Engineering" organized by the American Society of Civil Engineers - India Section Southern Region (ASCE - IS SR) in association with Malnad College of Engineering, Hassan from 8th to 10th July 2021.
- ❖ Mrs. Akshatha M attended one-week AICTE sponsored Short Term Course on "Traffic Flow Modelling - 2021" organized by IIT Bhubaneshwar from 26th to 30th July 2021.
- ❖ Mrs. Chaya D. Y has attended one-week AICTE sponsored FDP on "Applications of Remote Sensing & GIS in Water Resources Engineering" organized by Bharati Vidyapeeth College of Engineering Pune from 2nd to 6th August 2021.

Department of Civil Engineering

- ❖ Mr. Shashikumar M Hiremat has attended one-week AICTE sponsored FDP on "Waste Technology: Emerging Strategies in Waste Management Solutions" organized by Dr. Ambedkar Institute of Technology for Handicapped, Kanpur from 23rd to 27th August 2021.
- ❖ Ms. Kanchana H. J has attended one-week AICTE sponsored FDP on "Plastic Waste Management: Challenges & Opportunities" Organized by Central Institute of Petrochemicals Engineering & Technology from 23rd to 27th August 2021.
- ❖ Mr. Rabinandan J has attended IEEE sponsored FDP on "AI in Real Life" organized by PESETIM Shivamogga from 30th August to 7th September 2021.
- ❖ Mr. Anand B & Mr. Sagar H has attended one week FDP on "Design and Construction practices of Bridges" organized by MITE Mangalore & sponsored by Purna Design Engineers Pvt. Ltd. from 30th August to 3rd September 2021.
- ❖ Mr. Neeraj S. N has attended one-week ISTE sponsored FDP on "Contemporary Challenges And Recent Advancement In Civil Engineering (CCRACE-2021)" organized by NMAM Institute of Technology, Nitte from 1st to 7th September 2021.
- ❖ Mrs. Chaya D. Y has attended one-week AICTE sponsored FDP on "Hyper Spectral Remote Sensing & Its Applications" organized by CMR Institute of Technology from 6th to 10th September 2021.
- ❖ Mr. Anand B & Mr. Sagar H has attended one week FDP on "Software Applications in Civil Engineering" organized by Bellary Institute of Technology and Management, Bellary from 6th to 10th September 2021.
- ❖ Mr. Anirudh N has attended AICTE sponsored FDP on "Road Safety & Management of Fire Fighting Strategies for Smart Cities" organized by IPS Academy Institute of Engineering and Science from 6th to 10th September 2021.
- ❖ Mr. Shashikumar M Hiremat has attended Five Days ATAL - AICTE FDP on "Remote sensing & GIS" organized by KLS Gogte Institute of Technology, Belagavi from 13th to 17th September 2021.
- ❖ Ms. Kanchana H. J has attended one-week AICTE sponsored FDP on "Sustainable Design with Pre-engineered Techniques:- An Approach Towards Eco-friendly Buildings" organized by Dayanand Sagar Academy of Technology & Management from 13th to 17th September 2021.
- ❖ Mr. Neeraj S. N has attended one-week ISTE sponsored FDP on "Analysis, Design & Testing of Towers" organized by NMAM Institute of Technology, Nitte from 13th to 17th September 2021.
- ❖ Mr. Sabareshwaran S & Mr. Dattatreya S. Bhasari has attended one-week AICTE sponsored FDP on "Sustainable Development Through Bamboos" organized by Lamuri Ratanm Ala Institute of Engineering & Technology, Shahapur from 17th to 21st September 2021.

Students Achievement

Department of Civil Engineering has awarded Mr. Shashank H. S as best outgoing student of the year 2020-21.



Felicitaton to the Best outgoing student- Mr. Shashank H S from the Department

Department of Mechanical Engineering

The Department Events Conducted / FDP Organised

- ❖ The department signed a memorandum of understanding between Govt. Tool Room & Training Centre, Shivamogga and the department of Mechanical Engineering, JNNCE, Shimoga on 4th March 2021.
- ❖ The Department involved in various consultancy works and has generated the fund of 2 lakhs rupees till date from March 2021.
- ❖ The Department organized farewell ceremony for final year students for the outgoing batch on 27th March 2021 in Dr. Satish Dhawan Seminar Hall.



Final Year Passing Out Students along with Faculty & Staff of Department

- ❖ Under the aegis of MEA, the Department organized webinar for students of the department on "Quality Management System Journey towards Zero Defects" talk by Mr. Rahul Choudary, G. M, Quality Control, M/s. Toyota Kirloskar Pvt. Ltd., Bangalore on 28th June 2021. Mr. Shanthi Kiran M and others coordinated the activity.
- ❖ Under the aegis of MEA, the Department organized webinar for students of the department on "Metal Cutting" talk by Mr. Ravindra S. D, Managing Director, Vollmer Technologies India Pvt. Ltd., Bangalore on 8th July 2021. Mr. Shanthi Kiran M & others coordinated the activity.
- ❖ Under the aegis of MEA, the Department organized webinar for students of the department on "Quality in Practice" talk by Muralidhara G. K, Senior DGM, Operation Bharath Electronics Ltd., Bangalore on 17th July 2021. Mr. Shanthi Kiran M & others coordinated the activity.
- ❖ The Department organized Final Year Project Work Exhibition for Academic Year 2020-21 on 24th August 2021 in the department. About 15 Projects were exhibited by the students & guides. The event was covered by local media. Electric Geared Bike, Electric Scooter & Electric Quad Bike & other projects were exhibited. NES Management members Sri. A. S. Vishwanatha - President, Sri. T.R. Ashwathanarayana Setty - Vice President, Sri. S.N. Nagaraja - Secretary, Sri. D. R. Amarendra Kireeti - Joint Secretary, Sri. C. R. Nagaraj - Treasurer & Sri. Hoovaiah Gowda T. S - Registrar were the Chief Guests of the event.
- ❖ Dr. E. Basavaraj & Dr. K. M. Basappaji have been appointed as members of BOE for Industrial Production Board by VTU, Belagavi on 7th September 2021.
- ❖ Mr. Ravi Kumar B. N of Mechanical Department has been awarded Ph.D from VTU, Belgaum for his thesis on "Study on Effect of Fillers on Some Mechanical, Thermal & Fire Resistance Properties of Polymer Matrix Composites" guided by Dr. R. Shankara Reddy, Professor, Department of Mechanical Engineering, Rajarajeshwari College of Engineering, Bangalore on date 29-06-2021.
- ❖ Dr. K. Sabeel Ahmed along with Mr. Shivanandappa N. D & Srinivasa Murthy M. K coordinated one week online ATAL FDP on "Design Thinking" from 18th to 22nd January 2021. About 90 participants from all over the nation participated in the workshop.
- ❖ Dr. M. M. Rajath Hegde along with Mr. Parameshwara S, Mr. Pradeep N. B, & Mr. V. K. Deepankar coordinated a week Online ATAL FDP Program on "Novel Nano Structured Magnesium Based Alloys for Industrial & Biomedical Applications" from 30th August to 4th September 2021. About 150 participants all over the country participated.
- ❖ The Department organized two Internship Programs for Final Year students in coordination with Placement Department at GTTC, Machenahalli & Tata Powers, Mumbai from April to August 2021. 100 students have been qualified for certification.

Department of Mechanical Engineering



Final Year Student Internees of Tata Power Skill Development Institute conducted at JNNCE on Aug 2021

Faculty Publications: Books, Journals, Papers Published

- ❖ Dr. E. Basavaraj, Dr. K. Sabeel Ahmed, Dr. K. M. Basappaji., Dr. Manjunathachary G. H, Dr. Amith Kumar S. J, Dr. Satya Prema, Mr. Srinivasa Murthy M. K, Dr. Santhosh U, Mr. Ravikumar B. N & Mr. Jayavardhana Acharya N published their research article in International Journal of Scientific & Engineering Research Volume 12, Issue 2, ISSN 2229-5518, P 61-66 during February 2021.
- ❖ Dr. Amith Kumar S. J has written a book titled "Engineering Graphics" MHRD approved ISBN: 978-93-5437-284-1 as per new CBCS syllabus prescribed by VTU for 1st and 2nd semester BE, common to all branches. The book is published by Sandal Publication 2021.
- ❖ Dr. Manjunathachary G. H has written a book titled "Design of Machine Elements - II" ISBN:978-93-5473-957-6 based on VTU, BE, Mechanical 6th Semester Syllabus. The book is in the process of publication.

Invited Talks and Expert Talks

- ❖ Dr. M. M. Rajath Hegde, Dean (Infrastructure) was invited as the reviewer of the Journal Reviewed Article Titled "Full-factorial Design for Statistical Planning of Attritor Milling Parameters & Evaluation of Effects on Particle Size & Structure of Sodium-Montmorillonite" for "Engineering Research Express" Journal on 3rd June 2021.
- ❖ Dr. Santhosh U was reviewer to the paper titled "The Use of Polymer Compounds in the Deposits from the Combustion of Briquettes in Domestic Heating as an Identifier of Fuel Quality" for Environment Science and Pollution Research Journal on 14th September 2021.
- ❖ Dr. Santhosh U was reviewer to the paper titled "Numerical & Analytical Approach to Study Condensation for Automotive Heat Exchangers" for Materials Today : Proceedings on 29th August 2021.
- ❖ Dr. M. M. Rajath Hegde was invited for expert talk in National level Faculty Development Program on "Recent Developments in Mechanical Engineering" organized by Department of Mechanical Engineering, Coorg Institute of Technology, Kodagu, Karnataka on 21st June 2021.
- ❖ Mr. Chetan C. G delivered webinar for mechanical engineering students of Global Institute of Engineering & Technology, Moinabad on "Thermodynamics for Day-to-Day Applications" on 19th June 2021 about 40 students participated.

Department of Mechanical Engineering

FDP's, Webinars, STTP, Workshops Attended

- ❖ Mr. Srinivasa Murthy M. K participated in one day Online Webinar on "Computers, Ethics & Human Values" organized by the Department of MCA, JNNCE, Shimoga on 29th May 2021.
- ❖ Mr. M. Ramesh participated in one week ATAL FDP on "Mechatronics" 19-23 Oct 2020.
- ❖ Mr. Srinivasa Murthy M. K participated in one day national level webinar on "Value Education - Awareness on UHV" organized by UHV Cell, RYM Engineering College, Bellary on 24th August 2021.
- ❖ Mr. Srinivasa Murthy M. K participated in one week FDP on "Inculcating Universal Human Values in Technical Education" organized by ATAL, AICTE during 14th to 18th June 2021.
- ❖ Mr. Srinivasa Murthy M. K participated in one week FDP on "Part-1, Online UHV Refresher 1" organized by ATAL, AICTE during 30th August to 4th September 2021.
- ❖ Mr. Jayavardhana Acharya N attended a seminar on "Quality Management for Zero Defect" on 28th June 2021.
- ❖ Mr. Jayavardhana Acharya N attended a seminar on "National Education Policy 2020" on 28th June 2021.
- ❖ Mr. Pradeep N. B & Mr. Parameshwara S participated in two weeks National Interdisciplinary Refresher Course on "Research Methodology and Data Analysis" from 24th March to 7th April 2021 organized by Teaching Learning Centre, Ramanujan College University of Delhi.
- ❖ Mr. Pradeep N. B & Mr. Parameshwara S participated in Two Weeks FDP on "Emerging Optimization Techniques for Engineering Applications" from 19th to 30th April 2021 organized by E&ICT Academy, NIT Warangal and Indian Institute of Information Technology Design and Manufacturing, Kurnool.

Funded Projects, Grants

- ❖ Mr. Sunil Kumar H, Mr. Mashak B & Mr. Ningaraj final year students received grants from KSCST for their project "High Strength 3D Printing for Sand Casting" guided by Mr. Pradeep N. B on 24th March 2021.
- ❖ Ms. Sindhu, Ms. Mamatha B. S, Ms. Umme Salma, & Ms. Priyanka P final year students received KSCST grants for their project titled "Phytoremediation of Wastewater from Casting Industry Using Native Plants" guided by Dr. Ravi Kumar B. N & Mr. Deepankar V. K on 24th March 2021.
- ❖ Under the guidance of Dr. Amith Kumar S. J, the students of Mechanical Engineering Ahmed Raza, Muttafiq, Mohammed Shadab R, & Mohammed Salik Bilal designed and developed Electric Geared Bike. The project was exhibited to the public on 24th August 2021.



EV Bike & Scooter Designed & Developed by Final Years Students

Department of Mechanical Engineering



Quadbike Designed & Developed by Final Year Students

- ❖ Mr. Arun Kumar H.Y, Mr. Lohith M. P, Mr. Chandan S. B & Mr. Chandan Kumar K. N, final year students received grants from KSCST for their final project titled "Portable Graphene - Oxide, Vetiver Grass & UV Light - Based Multistage Filtration Unit For Water Purification" guided by Dr. Santhosh U on 24th March 2021.
- ❖ Under the guidance of Dr. Amith Kumar S. J, the students of Mechanical Engineering Praful Tanaji Nakadi, Pramod Kumar M. B, Shaizan Khursheed & Yaseer Mohammed Wani designed & developed Electric Scooter. This is the first endeavor in JNNCE in the scenario of Electric Vehicles. The project was exhibited to the public on 24th August 2021 received huge public attraction.

Students Publications

- ❖ Mr. Ratnik Ramesh Gujjar final year student published paper on "Study on water from Solar Heater for Domestic Cooking" International Journal of Scientific & Engineering Research Volume 12, Issue 2, ISSN 2229-5518, P 82-84 during February 2021.
- ❖ Mr. Vachan Revankar final year student published paper on "Study on water from Solar Heater for Domestic Cooking" International Journal of Scientific & Engineering Research Volume 12, Issue 2, ISSN 2229-5518, P 82-84 during February 2021.

Students Accomplishments

- ❖ Mr. Mohan N, the final year student, has selected as best outgoing student from the department and he has been felicitated by the department during the Farewell Ceremony for outgoing batch 2017-2021 on 27th March 2021.
- ❖ Mr. Hithesh S of 6th semester B.E. Mechanical Engineering secured one Bronze Medal in All India Inter University Kickboxing Championship during 14th to 18th February 2020, one Gold Medal in 11th Karnataka Kudo Championship during 2nd to 5th Sept 2021, One Silver Medal in 1st Kudo National Tournament during 6th to 7th September 2021 and Bronze Medal in 19th State Wushu Championship during 27th to 28th 2020. The Department wished the best endeavors to Mr. Hithesh for his great achievement in sports.
- ❖ Mr. Gufran Sheik of 2nd semester B.E. Mechanical Engineering secured one Gold Medal & one Silver medal in 7th Karnataka State Kudo Championship during 11th April 2021 & further one Gold Medal in 19th State Wushu Championship during 27th to 28th 2020. Also participated in 11th Kudo National Tournament from 2nd to September 2021. The Department wished the best endeavors to Mr. Gufran Sheik for his great achievement in sports.

Department of Mechanical Engineering



*Mr. Mohan N awarded as the
Best Outgoing Student of the Year 2020-21*



Mr. Hithesh S of 6th Sem, ME



Mr. Gufran Sheik of 2nd Sem, ME

Students Placement

About 35 final year mechanical students got placed in the 13 eminent companies with good packages.

- ❖ Mohan N & Sourabha Jois to Infosys.
- ❖ Nahush K. M & Anish A. P for Accenture.
- ❖ Anush Kumar K & Shree Guruprasad N. S to Chegg.
- ❖ Manoj Kumar K to Cognizant.
- ❖ Sher Ali, Manoj Kumar K, Sanketh S. Sanu, Sudeep M, Abhishek K. V, Tejas G. Bangre, Pramod Kumara M. B & Rahul S. R to Elcamino Software.
- ❖ Manoj Kumar K & Sunil Hebasur to PCS Tech.
- ❖ Sohan Kumar M to Pentagon Space Pvt Ltd.
- ❖ Arun Kumar H. Y, Hanumantappa Y. H, Sharath G. O, Sunil Hebasur, Sourabha Jois & Mahesh Gouda to QSpiders.
- ❖ Anish A. P & Mohan N to Qualitas.
- ❖ Praful Nakadi Tanaji to Technologies Global Pvt. Ltd.
- ❖ Manoj Kumar K & Vinay Kumar J. M to TVS Upasana.
- ❖ Anush Kumar K, Sharan J, Nahush K. M, Sanketh S. Sanu & Abhishek K. V to Verzeo.
- ❖ Rahul S. R & Sudeep M to X-WorkZ ODC.

Department of Electrical & Electronics Engineering

Workshops

A Three days Workshop cum Hands on Training Program was conducted for the benefit of 6th Sem. EEE students, in two phases, on "Innovation of Electrical Motor Controls"- 1st phase from 30th March to 1st Apr' 2021 and 2nd phase from 5th to 7th Apr' 2021, under JNNCE-NEWGEN-IEDC Project. Inaugurating the Program, Dr. P Manjunatha, Principal-in-charge, stressed for the need of these kinds of training programs which are Practical oriented, in the current scenario. Dr. K. M. Basappaji, Prof., Mechanical Engg., Chief Coordinator, JNNCE NEWGEN-IEDC, Dr. Thejaswi A. H, Prof. & Head, EEE Dept., Mr. Nrupatunga C. M, Project Coordinator, JNNCE NEWGEN-IEDC graced the occasion. The workshop was coordinated by Mr. Chandrashekhara S, Foreman, EEE Dept.



Workshop on "Innovation of Electrical Motor Controls"

Projects

Every year the Karnataka State Council for Science and Technology, Bangalore (KSCST), will be funding the Final year Student Project programs. This year about Three Student Project programs received grants, namely:

- ❖ "Hospital bed for the tropic ulcer patients using Electric Actuator" jointly carried out by Preetham K. R, Raju V, Vignesh S. Vernekar & Chethan K. T of VIII Sem. EEE, under the guidance of Dr. Thejaswi A. H.
- ❖ "Prototype model of A Super-Capacitor Powered Electric Bicycle" jointly carried out by Shreya B. S, Thejaswini H & Sheethal Gowda B. M, VIII Sem. EEE, under the guidance of Dr. Thejaswi A. H.
- ❖ "Design of Highway Hybrid Wind & Solar Power Generation & It's Monitoring using IOT", jointly carried out by Sanjay J, Siddaraju R. Hirematha, Nithin N. M & Srivathsa Mithyantha, under the guidance of Ms. Soumya K. T.

Best Project of the Year

A project titled "Hospital bed for the tropic ulcer patients using Electric Actuator" jointly carried out by Preetham K. R, Raju V, Vignesh S. Vernekar & Chethan K. T, VIII Sem. EEE, under the guidance of Dr. Thejaswi A. H, was awarded as the Best Project of the year 2020-21, in the state level KSCST Project Exhibition.

Placements

The final year EEE students received 36 placement offers, in reputed Companies, like TCS, Accenture, Elcamino Software, X-WORKZ ODC, Technologies Global Pvt. Ltd., Pentagon Space Pvt. Ltd., with a good salary package. The Pre-final year EEE students received 02 placement offers, so far.



Final year B.E in Electrical and Electronics Engg., 2021 Batch output.

Department of Electrical & Electronics Engineering

Publications

- ❖ Dr. Surendra S & Manjula M. G, published a paper titled "Simulation analysis of two terminal unified power quality conditioner", in the International journal of multidisciplinary research and advances in engineering.
- ❖ Dr. Thejaswi A. H & Veerasha K. B, published a paper titled "Prototype Model of Generalized Unified Power Quality Conditioner" in the Journal of Huazhong University of Science and Technology (JHUST) ELSEVIER.
- ❖ Shailashree K, Assoc. Professor, published a paper titled "Electric Lineman Safety using Arduino - UNO & Fingerprint Scanner" in International Journal of Advances in Engineering and Management - IJAEM - Volume - 3 , Issue - 9, September 2021 PP:1663-1666, www.ijaem.net ISSN: 2395-5252.

Invited Talks

- ❖ Dr. H. B. Suresh delivered a technical talk on "Biofuel extraction and Renewable energy sources", on 14-09-2021, at District Training Institute, Shimoga. Organized by NGO, funded by Govt. of Karnataka and later demonstrated the same at BRIDC, JNNCE, Shimoga.
- ❖ Dr. H. B. Suresh, demonstrated Bio-fuel extraction, solid waste management and other renewable energy equipment at BRIDC, JNNCE, Shimoga, organized by NGO, funded by Govt. of Karnataka.
- ❖ Mr. Chandrashekhara S, Foreman, was a Resource Person for a three days training program on "Electrical Motor Controls" conducted for the benefit of final Sem. EEE Diploma students of DSD Polytechnic, Shimoga, held from 16th to 20th September 2021.

Faculty Development Programs - Attended

- ❖ Ms. Padmashree H. R attended one week FDP on "Including Universal Human values in Technical Education", organized by AICTE, New Delhi, from 14th to 18th June 2021.
- ❖ Ms. Supriya M. R, Asst. Professor, attended one week FDP on "Advances in Electrical Vehicles", organized by VVCE, Mysore, from 28th June to 2nd July 2021.
- ❖ Mr. Vidyashankar M attended two days FDP on "Python Programming", organized by Chaitanya Bharathi Institute of Technology (A), Hyderabad, on 16th and 17th July 2021.
- ❖ Ms. Soumya K. T, Mr. Veerasha K. B & Ms. Padmashree H. R, Asst. Professor, attended one week FDP on "Power & Energy Systems - Technical Progression & Opportunities", organized by BNMIT, Bangalore, from 19th to 24th July 2021.
- ❖ Mr. Vidyashankar M attended one week FDP on "Smart Grid and Sustainable Energy Management in Virtual Power Plants", organized by Satya Bhama Institute of Science and Technology, Chennai from 26th to 31st July 2021.
- ❖ Mr. N. G. Ajjanna, Mr. H. M. Maheshwarappa, Ms. Soumya K. T & Mr. Vidyashankar M are attended one-week STTP on "Application of Machine learning & Artificial Intelligence techniques for Control of Future Grid", organized by NMAMIT, Nitte, from 2nd to 7th Aug 2021.
- ❖ Mr. H. M. Maheshwarappa, attended one week FDP on "Restructured Power System-Operation & Planning", organized by Rajarambapu Institute of Technology, Rajaramnagar, Chennai, from 23rd to 28th Aug' 2021.
- ❖ Ms. Padmashree H. R attended one week FDP on "Online UHV Refresher Part 1", organized by AICTE, New Delhi, from 30th Aug to 3rd Sep' 2021.
- ❖ Ms. Shailashree S. K & Mr. H. M. Maheshwarappa, Asst. Professor, attended two days FDP on "Renewable Energy Systems", organized by Jerusalem College of Engg., Chennai - 600 100, on 29th and 30th September 2021.
- ❖ Ms. Shailashree S. K attended one week FDP on "Artificial Intelligence and Machine Learning", organized by CSE, JNNCE, Shimoga, from 27th September to 1st October 2021.
- ❖ Mr. Shambulingappa S. J, Instructor, attended a three days Online Skill Development Program on "Software tools in Electrical Engg. Systems", organized by Presidency University, Bangalore, from 16th to 18th August 2021.

Department of Electrical & Electronics Engineering



Dr. Shilpa R

A 2 days Online Student Development Program was conducted on "Digital Signal Processing & its Applications", for the benefit of 6th Sem. EEE students on 19th & 20th July 2021, which was Coordinated by Ms. Supritha M. R.



Dr. Lokesh C

The Resource persons were Dr. Shilpa R, Assoc. Prof. ECE, VVCE, Mysore & Dr. Lokesh C, Assoc. Prof. EEE, VVCE, Mysore



Best Outgoing student

Mr. Vinod Kumar M. G

was selected as the
Best Outgoing Student of The Year 2020-21
Hearty Congratulations.



GATE Qualifier

Mr. Bharath Kumar P

has cleared the GATE-2021 Exam in Electrical Engineering (EEE)
Hearty Congratulations.

Superannuation



Ms. N. P. Suneetha (ME)

(Control Systems)

Assoc. Professor, EEE Dept., JNNCE

Retired from her services on 30th April 2021, after serving for a period of 35 years in the Dept. of Electrical & Electronics Engg.



Mr. N. P. Mohan Kumar

Lab Asst., EEE Dept., JNNCE

Retired from his services on 31st May 2021, after serving for a period of 31 years in the Dept. of Electrical & Electronics Engg.

Dept. of Electronics & Communication Engineering

Events Conducted in Department:

- ❖ Dr. S. V. Sathyanarayana has coordinated Webinar on Watch Scribe: "Real-Time On-device Physical Whiteboard Capture through a Smartwatch" by Dr. Bisvas Mitra on 12-06-2021 & "Acing The Interview" by Dr. Soma Pandey, GM, RJio Platforms, Bangalore; in association with IEEE Student Branch Canara College of Engineering, Mangalore on 18-06-2021.
- ❖ Mrs. Shwetha H. R has coordinated "Mysterio - A Virtual Event" hackathon organized by ECE in association with IETE, Shivamogga Centre during 10-07-2021 and 11-07-2021.
- ❖ Mrs. Shwetha B has coordinated Webinar on "Data Analytics & it's Applications on 17-07-2021, Pradeepa S. C has coordinated Webinar on "Introduction to Approximate Computing in Digital VLSI" on 21-07-2021.
- ❖ Mr. Sunil M. D has coordinated Webinar on Career Prospects after B.E. and GATE orientation for students on 23-05-2021.
- ❖ Mr. Darshan K. V & Prashanth G. S have coordinated Workshop on Basic Electronics and 12th physics for II PU students of Vikas PU college on 12-04-2021.
- ❖ Dr. S. Pramod Kumar, Mr. Darshan K. V, Ms. Shwetha B, Ms. Smitha S. M, Ms. Sumathi K, Mr. Prashanth G. S have coordinated SDP on Professional documentation using LaTeX for final year students on 20-04-2021.
- ❖ Dr. S. V. Sathyanarayana & Abhijeeth N have coordinated Skill development and Summer Internship Program - "Internship, Placement Preparation, Career Planning" by Tequed labs, NASSCOM incubated Edtech company also the official Technology Training Partners for JNNCE on 17-05-2021.
- ❖ Mrs. Shwetha H. R, Mr. Sharath S. M have coordinated "PLASMA - 2k21 Events with Elegance - Virtual National level Technical Symposium" organized by ECE & CSE in association with JNNCE IEEE Students Branch & IETE Shivamogga Centre during 24-07-2021 and 25-07-2021.
- ❖ Ms. Nalina S. B, Ujwala B. S & Ms. Sumathi K have coordinated "Two weeks Skill Development Program" for 5th Sem students of ECE & ETC of JNNCE from 27/9/2021 to 9/10/2021.



- ❖ Ms. Shwetha B & Mr. Sunil M. D have coordinated Skill Development program for JNNCE ECE students from 23/08/2021 to 03/10/2021.
- ❖ Mrs. Prema K. N & Mr. Pradeepa S. C have arranged Mini Project Competition for 6th Sem students on 21/08/2021.
- ❖ Dr. S. V Sathyanarayana & Dr. S. Pramod Kumar have arranged Innovative Project Exhibition cum Competition for 8th Sem students on 04/08/2021.
- ❖ Pradeepa S. C has coordinated Student Development Program on Advanced VLSI Design using cadence EDA Tool 21/09/2021 to 22/ 09/2021 for 6th Sem. students.

Dept. of Electronics & Communication Engineering

Publications

- ❖ Ms. Sheela S & Dr. S. V. Sathyanarayana have published a paper in Concurrency Computation Practice and Experience Wiley publication "Generation of Chaotic Random Binary Sequences for Cryptographic Applications" DOI: 10.1002 / CPE.6497.
- ❖ Mrs. Shwetha H. R has published a paper titled "Analysis of Low power consumption platinum based microheater for gas sensing application" in Journal of Chengdu University of Technology Journal of Chengdu University of Technology dated 27-08-20 21.
- ❖ Mr. Sunil M. D has published a paper titled "Covid-19 Face Mask Detection using Support Vector Machine" in International Journal of Advances in Engineering & Management (IJAEM) 15-09-2021.

Achievements of Faculty:

- ❖ Dr. Manjunatha P was the Resource person for the activity Workshop on Basic Electronics for 12th physics for II PU students of Vikasa PU college on 12-04-2021.
- ❖ Dr. S. V. Sathyanarayana was the resource person for Online Webinar on "Cryptography & Its Applications in Data Security" organized by Dept. of ECE, Nagarjuna College of Engineering & Technology, Bangalore, held on 28-05-2021.
- ❖ Dr. S. V. Sathyanarayana was the Reviewer for IEEE International Conference on Electronics, Computing and Communication Technologies, CONNECT - 2021, organized by Bangalore Section during June 2021.
- ❖ Dr. S. V. Sathyanarayana was the Member for Ph.D Course work examination QP scrutiny during 22-09-20 21.
- ❖ Dr. S. V. Sathyanarayana was the Reviewer for Interactional Conference - SSIT Tumkur during 21-09-2021.
- ❖ Dr. Pramod S. Kumar has delivered Technical talk on "Sensors applications through Internet of Things" at AICTE Training And Learning (ATAL) FDP, University BDT College of Engineering, Davanagere, on 20/09/2021 .
- ❖ Dr. Pramod S. Kumar was a Peer reviewer for IEEE Conference ICECCOT-2021 at GSSSIETW, Mysuru, IEEE Conference ICMNWC-2021 at SSIT, Tumkur, IEEE Conference MysuruCon-2021 at NAVKIS College of Engineering, Hassan, Reviewer for JDIMD-21-00197 Journal of Digital Imaging 16-09-2021 to 22-09-2021, Reviewer for JDIMD-21-00121 Journal of Digital Imaging 12-07-2021 to 06-08-2021, Reviewer for CIBM-D-21-02222 Computers in Biology & Medicine 17- 06-2021 to 06- 07-2021
- ❖ Dr. Pramod S. Kumar was a Subject Matter Experts (SMEs), reviewer for AICTE Student Learning Assessment Project (ASLAP) from 01-07-2021 to 30- 07-2021 and from 01-08-2021 to 30-08-2021.
- ❖ Dr. Pramod S. Kumar delivered Technical talk on "Sensors applications through Internet of Things" at AICTE Training & Learning (ATAL) FDP, University BDT College of Engineering, Davanagere, on 20/09/2021.

Workshops / Webinars / FDPs Attended

- ❖ Mr. Harish T. S attended AICTE sponsored ATAL FDP on "Signal Processing for 5G and IoT", conducted by IIIT Kalyani, West Bengal, from 6/9/2021 to 10/9/2021.
- ❖ Mrs. Prema K. N & Ms. Smitha S. M have attended one week ATAL FDP on "A Pedagogy for Effective use of 5G Communication Network for Cloud Applications" from 13-07-2021 to 17-07-2021.
- ❖ Ms. Prema K. N & Ms. Smitha S. M have attended Introduction to Microchip FPGA organized by BIET Davanagere from 19-07-2021 to 23-07-2021.
- ❖ Ms. Smitha S. M & Mrs. Prema K. N have attended one week FDP "Basics of Machine Learning Using Python" conducted by RYMEC from 30/08/2021 to 04/09/2021.
- ❖ Ms. Smitha S. M & Mrs. Prema K. N have attended FDP on one week NAAC Criteria Based International Level FDP from 25/08/2021 to 31/08/ 2021 by SICM.
- ❖ Dr. Pramod S. Kumar & Shwetha B attended ATAL FDP on "Hands-on Approach for Design and Implementation of Lab-on-Bread Board- A Blended Learning" through online mode organized by National Institute of Engineering, Mysore from 21-07-2021 to 25-07-2021.
- ❖ Ms. Nalina S. B has attended FDP on "Challenges and control of green and Sustainable energy systems using artificial intelligence techniques" form 09/08/2021 to 13/08/2021 organized by BVRIT, Hyderabad College for women.
- ❖ Dr. Pramod S. Kumar attended AICTE Training And Learning (ATAL) FDP on "Hands-on approach for Design and implementation of Lab-on-breadboard- A blended learning" organized by National Institute of Engineering, Mysore from 21st to 25th July 2021.

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- ❖ Nalina B. S. has attended FDP on "Electric Vehicles And Energy Storage Systems Integrated with Renewable Energy" from 23/08/2021 to 27/08/2021 conducted by Sri Vasavi Engineering College, has attended FDP on "AI in Real Life" from 30/08/2021 to 06/09/2021 conducted by PESIT Shivamogga, has attended FDP on "IoT Framework development for agriculture sector" from 06/09/2021 to 10/09/2021 conducted by Lal Bahadur College of engineering, Kasargod, Kerala.
- ❖ Ujwala B. S has attended FDP on "AI in Real Life" from 30/08/2021 to 06/09/2021 conducted by PESIT Shivamogga, has attended FDP on VLSI -IP DESIGN Approach to SRAM compiler design 16/08/2021 to 20/08/2021.
- ❖ Roopa B. S has attended AICTE sponsored UHV Refresher 1 FDP from 30/08/2021 to 03/09/2021.
- ❖ Anil Kumar J has attended online FDP on "Digital VLSI Design and Verification" from 23/08/2021 to 27/08/2021 conducted by Entuple Technologies and IEEE-BIT CAS.
- ❖ Roopa B. S has attended FDP on Developing Leadership Skills for Enhancing Personal and Organizational Outcome from 13/09/2021 to 17/09/2021.

Funding / Grants

Under the guidance of Dr. S Pramod Kumar & Shwetha H. R two below listed projects have got selected for KSCST and VTU funding for the year 2020-2021 academic year.

- ❖ Smart Milk Vending Machine using IoT
- ❖ Automated Wheelchair Navigation And Health Monitoring Through Open-computer Vision Using Raspberry Pi

Student's accomplishments

- ❖ Shashank G. S, Yashas Vinay, Shripada Adiga & Sumanth Shanbog H. R Secured 1st Prize for "Supervised learning approach to determine the COVID-19 effect on students returning to Institutions" in I2CONNECT-2021 - Project Exhibition by IEEE Mangalore Sub Section on 26th June 2021 hosted by Sahyadri College of Engineering & Management, Mangalore .
- ❖ Karthik B. S has Co-ordinated in Line follower sub-event of Plasma 2021 & E Step bootcamp, conducted by innovation cell.
- ❖ Kusuma P has completed the course "Java Programming: Arrays, Lists and Structured data" in course era.
- ❖ Karthik B. S Participated in Mysterio (Conquer C) event , Plasma 2021- hobby project, Conquer C, Paper Presentation and Dr. Circuit, Participated in webinar series June 2021, Participated in Mobile photography event on 25th May 2021, SDP program.
- ❖ Sushmitha G has attended 7 days JavaScript and ReactJS bootcamp with Shape AI , 7 days Python & Machine Learning bootcamp with Shape AI.
- ❖ Poorvika S has Participated in Conquer C in event Plasma-2021 , attended Webinar on "Security and Privacy Concerns of Vehicular and Flying Adhoc Network", "Computing Trends and Top Supercomputers", "Mathematical Modeling of COVID-19 cases in India to Assist in Supply Chain Management " during June 2021.
- ❖ Ullas R. K has attended Webinar on "Security and Privacy Concerns of Vehicular and Flying Adhoc Network" on 05-06-2021, "Computing Trends and Top Supercomputers" on 16-06-2021, participated in Hackathon Conquer & Enigma (A Virtual Hackathon MYSTERIO-2021 organized by Dept. of ECE of JNN College of Engineering, Shivamogga) on 10-07-2021, Conquer C & Dr. Circuit, Paper Presentation (A Virtual Technical Symposium PLASMA-2021 organized by JNN College of Engineering, Shivamogga) on 24-07-2021, undergone Internship Certifications: 1) Machine Learning with Python (I have done training cum Internship on Machine Learning with Python from Compssoft Technologies in association with "Take it Easy Engineers" for a duration of one month) dated 19-08-2021. | 2) Electric Vehicle Internship (Skill India Internship from Elite Techno Groups) dated 18-08-2021. | 3) Python for ML/AI Internship (Skill India Internship from Elite Techno Groups) dated 18-08-2021.
- ❖ Mr. Umashankar has attended Webinar on "Security and Privacy Concerns of Vehicular and Flying Adhoc Network", "Computing Trends and Top Supercomputers", "Mathematical Modeling of COVID-19 cases in India to Assist in Supply Chain Management" during June 2021.
- ❖ Mr. Mohan Kumar H.P Final year student is selected as best outgoing student from Department for 2017-21 batch.

Dept. of Electronics & Telecommunication Engg.

Papers Presented

- ❖ Ms. Ashwini S. R has published a Scopus indexed paper "Classification of EEG signal using EACA based Approach at SSVEP-BCI" at International Journal of Artificial Intelligence (IJ-AI) IAES bearing ISSN:2089-4872E-ISSN:2252-8938.
- ❖ Ms. Ashwini S. R has published a Scopus indexed paper "Steady-State Visual Evoked Potential based Brain-Computer Interface using Adaptive Correlation Technique" at Design Engineering Rogers Media Publishing Ltd. bearing ISSN: 0011-9342.
- ❖ Ms. Rashmi M. Hullamani has published a paper "ZigBee Wireless Communication Technology" at the National journal JNNCE Journal of Engineering & Management (JJEM), bearing ISSN 2582-0079.

Student Development Programs

- ❖ A SDP titled "Communication Systems in Healthcare & Biomedical Engineering" was conducted by Dr. Mallikarjun H. M on 19-06-2021. Mrs. Rashmi M. Hullamani and Mr. Shashi Kiran S coordinated the SDP.
- ❖ An IETE sponsored SDP titled "Placement Training on Programming in C++" was conducted by Mr. Raghavan P on 30-06-2021. Mrs. Aparna & Mr. Shashi Kiran S coordinated the SDP.
- ❖ A SDP titled "Skill Development" was conducted by Mr. Girish Mantha, Dr. Sankhya Nayak, Mr. Vidyashankar M & Mr. Benak Patel M. P from 27-09-2021 to 09-10-2021. Mrs. Ashwini S. R coordinated the SDP.

Project Exhibition

Department of Electronics and Telecommunication engineering organized Project exhibition on 06/08/2021 for final year students, the event was supervised by external juries Mrs. Tejaswini Mahalingam & Mr. Carlton James Goveas. Mrs. Aparna & Mr. Benak Patel M. P coordinated the event.

Workshops / Training Attended

- ❖ Department of Electronics & Telecommunication Engineering organized one-week AICTE sponsored ATAL-FDP "A Pedagogy for Effective use of 5G Communication Networks for Cloud Applications" from 13/07/2021 to 17/07/2021, financial aid of rupees 93,000.00/- was sanctioned by AICTE. Dr. M. B Ushadevi, Mrs. Rashmi M. Hullamani & Mr. Madhusudhan G coordinated the FDP.
- ❖ Mr. Anand Raj S. N has won a national level event IDEATHON - 2021 which was a part of AICTE sponsored FDP "Embedded Systems - An Application Driven Approach" held from 25-08-2021 to 27-08-2021, over 2000 ideas were submitted and the idea titled Real-time flash flood monitoring and alert system" was chosen as one among the top twenty best ideas.
- ❖ Mr. Madhusudhan G has attended FDP " Mobile Application Develop with Kotlin" from 14-05-2021 to 16-05-2021 at JNNCE, Shimoga
- ❖ Mr. Madhusudhan G has attended AICTE sponsored ATAL FDP on "Research Methodologies and Design Thinking for Leadership, Excellence and Soft Skills" from 21-06-2021 to 25-06-2021 at PDPM Indian Institute of Information Technology Design & Manufacturing.
- ❖ Mrs. Rashmi M. Hullamani, Mr. Madhusudhan G & Mr. Anand Raj S. N have attended AICTE sponsored ATAL FDP "A Pedagogy for Effective use of 5G Communication Network for Cloud Applications" from 13-07-2021 to 17-07-2021 at JNNCE, Shivamogga.
- ❖ Mrs. Aparna has attended AICTE sponsored FDP on "Inculcating Universal Human Values in Technical Education" from 12-07-2021 to 16-07-2021.
- ❖ Mr. Harisha S. B has attended Two-week online summer school on "Machine and Deep Learning for Remote Sensing Applications" from 05-07-2021 to 16-07-2021 at NITK Surathkal.
- ❖ Mr. Madhusudhan G has attended DST sponsored FDP "Design and Simulation of Wireless Communication System DSWCS-2021" from 01-07-2021 to 03-07-2021 at BIT, Bengaluru.
- ❖ Mr. Anand Raj S. N has participated in AICTE sponsored FDP "Embedded Systems - An Application Driven Approach" from 25-08-2021 to 27-08-2021.
- ❖ Mrs. Aparna has attended AICTE sponsored FDP "Deep Learning Applications (Parallel Architectures)" from 23-08-2021 to 03-09-2021 at Electronics and ICT Academies at IIT Guwahati, IIT Kanpur, IIT Roorkee, MNIT Jaipur, NIT Patna, NIT Warangal and PDPM IIITDM Jabalpur.
- ❖ Mr. Madhusudhan G has attended One-week Online FDP on "5G and Emerging Technologies" from 09-08-2021 to 14-08-2021 at CVR College of Engineering, Hyderabad, Telangana.

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- ❖ Mr. Anand Raj S. N has attended AICTE sponsored STTP on "Signal Processing and its applications using Machine Learning" from 13-09-2021 to 19-09-2021 at UBDTCE, Davangere.
- ❖ Mr. Madhusudhan G & Mr. Anand Raj S. N have attended IEEE and IETE sponsored 5 Days International Online Faculty Development Program on "5G, IoT and Artificial Intelligence: Research Trends and Applications" from 27-09-2021 to 01-10-2021 at Atria Institute of Technology, Bangalore.
- ❖ Mr. Anand Raj S. N has attended AICTE sponsored STTP on "Signal Processing and its applications using Machine Learning" from 13-09-2021 to 19-09-2021 at UBDTCE, Davangere

Expert Talks Delivered

- ❖ Mr. Madhusudhan G has delivered an expert talk on "Achieving energy efficiency in high data rate transmission techniques for 5G systems" organized by IETE Mysuru Centre on 03-06-2021.
- ❖ Mr. Madhusudhan G was the resource person for the ATAL, Faculty Development Program "Pedagogy for Effective use of 5G Communication Networks for Cloud Applications" on 13-07-2021.

Certification Courses

- ❖ Mrs. Ashwini S. R & Mrs. Rashmi M. Hullamani have successfully completed course named "Introduction to Electronics" from Course Era, for the period from 14-09-2021 to 04-10-2021.
- ❖ Mrs. Ashwini S. R has successfully completed course named "Ethics, Engineering Technology" from Course Era for the period from 14-09-2021 to 05-10-2021.
- ❖ Mrs. Ashwini S. R has successfully completed course named "Introduction to Data Analytics Using Google Spreadsheets" from Course Era for the period from 01-09-2021 to 10-09-2021.

Best Outgoing Student

- ❖ Ms. Bhumika R was selected as the best outgoing student of the year 2020-21.

Department of Computer Science & Engineering

Events Conducted / FDP Organized

- ❖ Comprehensive Viva-Voce conducted by Guide: K. M. Poornima Professor & HoD, Candidates: Arun Kumar K. L (4JN16PEJ10) & Manjunath H. T (4JN16PEJ09) on 22-04-2021 & 23-04-2021.
- ❖ FDP on "Mobile Application Development with Kotlin" conducted by Dr. Chetan K. R. Organized By: Dr. Ravindra S from 14.05.2021 to 16.05.2021.
- ❖ STTP on "ARM Microcontroller" conducted & organized by Mrs. Pushpa R. N & Mr. Nandish M. Assistant Professors, Dept. of CSE, JNNCE, Shivamogga for 4th Sem students from 11-06-2021 to 14-06-2021 by the resource person Mr. Harish V. Mekali.
- ❖ Webinar on "Gesture-based Touchless Screen with Smartwatch" Organized by: HoD's of CSE & ECE Dr. S. Sathyanarayana & Vedananda D. E (IEEE Student Branch Counselor) Resource Person: Dr. Bisvas Mitra Associate Professor Dept. of CS&E, IIT Kharagpur, India for Students, Faculty members & Research Scholars on 12/6/2021.
- ❖ Webinar on "Acing the Interview" Organized by: HoD's of CSE & ECE Dr. Vedananda D. E (IEEE Student Branch Counselor), Resource Person: Dr. Soma Pandey, General Manager, Jio Platforms, Bangalore for Students, Faculty members, Research Scholars on 18/6/2021.
- ❖ Online Mock Interview Conducted By: Ms. Divya M. G, Joint Director, CDAC & Chair, MDC, Dr. Pushpamala, Reva University, Member, MDC, IEEE Bangalore. Session conducted By: HoD's of CSE & ECE Dr. Sankhya Nayak & Mr. Narendra Kumar S, Mr. Chakrapani, Mrs. Pushpa R. N. IEEE Students Branch JNNCE for Students of 6th and 8th Sem. CSE, ECE, TCE & EEE from 19/06/2021 to 20/06/2021.
- ❖ Career Guidance webinar on "ABC formula for College students Resource Person: Mr. Bharath Thippireddy, Alumni (CS&E) Entrepreneur, Software Architect, Trainer & motivational Speaker. Coordinated By: Dr. Sankhya N. Nayak, Mr. Chakrapani D. S for Students of 4th and 6th Sem, on 26/06/2021.
- ❖ Dr. K. M. Poornima coordinated Farewell Program for Final year Students for Students of 8th Sem. On 31-07-2021
- ❖ Mr. Satyanarayana S & Mrs. Sushma R. B coordinated Webinar on "Big Data Adoption & Analytics in Healthcare" for B.E CSE Students - 4th & 6th Sem on 14-07-2021.
- ❖ Dr. Manjula G. R & Mrs. Thaseen Bhashith coordinated Webinar on "User Interface Design" for 8th Sem BE Students on 14-07-2021.
- ❖ Mr. Sayyed Johar coordinated Webinar on "Recent Trends in Computer Graphics and Visualization" for Students of 6th Semester on 10-07-2021.
- ❖ Mrs. Ganavi Mand & Mrs. Sowmya D coordinated Webinar on "Agile in software development- insights from an IT Industry Agile Practitioner" for Students of 6th Semester on 08-07-2021.
- ❖ Dr. Sankhya Nayak & Mr. Nandish M coordinated "PLASMA-2k21" IEEE MSS sponsored national level technical symposium for Students of CSE, ECE of different colleges on 24-07-2021 and 25-07-2021.
- ❖ Dr. Sankhya Nayak & Mr. Nandish M coordinated "Mysterio 2021" a virtual hackathon. For Students of CSE, ECE on 10-07-2021 & 11-07-2021.
- ❖ Open Seminar - 1 of Ph.D Scholer Mr. Benakappa S. M, Research done on 23-07-2021.
- ❖ Dr. Nirmala Shivanand was Active member for the Online LIC inspection of VTU constituent Colleges from 28-07-2021 & 29-07-2021.
- ❖ Dr. Poornima K. M was the Active member for the online LIC inspection of VTU constituent Colleges from 19-07-2021 and 20-07-2021.
- ❖ Dr. Jalesh Kumar attended BoE meeting for Question paper scrutiny held at VTU Belagavi on 19-07-2021 & 20-07-2021.
- ❖ Dr. Manjula G. R was the Project Evaluator Progyan 3.0 online in house project exhibition on 08/07/2021 to 10/07/2021.
- ❖ Dr. Sankhya Nayak was the Jury & coordinator for PLASMA 2021 - A National Level Technical Symposium organized by Dept. of E&C and CS&E from 24-07-2021 to 25/07/2021.
- ❖ Dr. Sankhya Nayak, Jury & coordinator for Mysterio 2021 - A virtual Hackathon organized by Dept. of E&C from 10/07/2021 to 11/07/2021.

Department of Computer Science & Engineering

- ❖ Mrs. Ganavi M coordinated Webinar on "Agile in software development- insights from an IT Industry Agile Practitioner" on 08-07-2021.
- ❖ Mr. Vedananda D. E coordinated "PLASMA-2021" IEEE MSS sponsored National Level Technical Symposium organized by Dept. of E&C and CS&E from 24-07-2021 to 25/07/2021.
- ❖ Mrs. Thaseen Bhashith coordinated Webinar on "User Interface Design" on 14-07-2021.
- ❖ Mr. Sathyanarayana S coordinated Webinar on "Big Data Adoption & Analytics in Healthcare" on 14-7-2021.
- ❖ Mrs. Sowmya D coordinated Webinar on "Agile in software development - insights from an IT Industry Agile Practitioner" on 08-07-2021.
- ❖ Mr. Chakrapani D. S Jury for PLASMA 2021- A National Level Technical Symposium organized by Dept. of E&C and CS&E from 24-07-2021 to 25/07/2021
- ❖ Mr. Sayyed Johar coordinated webinar on "Recent trends in computer graphics and Visualization" on 10/07/2021.
- ❖ Mrs. Sushma R. B coordinated Webinar on "Big Data Adoption & Analytics in Healthcare" on 14-07-2021.
- ❖ Mrs. Namitha M. V conducted webinar on Mysterio 2021- A virtual Hackathon organized by Dept. of E&C from 10/07/2021 to 11/07/2021.
- ❖ Mr. Nandish M Jury & Coordinator for PLASMA 2021 - A National Level Technical Symposium organized by Dept. of E&C and CS&E from 24-07-2021 to 25/07/2021.
- ❖ Mr. Nandish M Jury & Coordinator for Mysterio 2021 - A virtual Hackathon organized by Dept. of E&C from 10/07/2021 to 11/07/2021.
- ❖ Mr. Mohan H. G Jury for PLASMA 2021 - A National Level Technical Symposium organized by Dept. of E&C and CS&E from 24-07-2021 to 25/07/2021.
- ❖ Mr. Chakrapani D. S & Sankhya N. Nayak organized a webinar on Advanced C by the resource person was Mr. Prajwal M. Dixit for students on 26/08/2021.
- ❖ Dr. Sankhya N. Nayak & Chakrapani D. S organized a webinar on Kick-start your career like a Pro on 18/08/2021.
- ❖ Mrs. Pushpa R. N & Sreedevi S Organized parents-teacher meeting in the department on 07/08/2021.
- ❖ Mr. Sathyanarayan S received Wipro Certified Faculty award from Wipro on 13-08-2021.
- ❖ Mrs. PUSHPA R. N & Sreedevi S arranged parents teachers meeting in CS&E Department(2nd and 3rd year) on 07/08/2021.
- ❖ Mrs. Pushpa R. N & Sreedevi S organized and coordinated STTP on Artificial Intelligence & Machine from 27/09/2021 to 02/10/2021.
- ❖ Dr Jalesh Kumar conducted Placement/Training on Retracing JAVA in Fast-Track on 17/09/2021
- ❖ Mr. Chakrapani D. S & Sankhya N. Nayak organized webinar on Command Line Arguments in C, C++ & Java on 14/09/2021.

Paper Publications

- ❖ Dr. Poornima K. M Presented a paper on "A Novel Computer Aided Diagnosis system for Lung Tumor based on support Vector Machine", at ICIPCN-2021, King Mongkut's University of Technology, Thonburi, Thailand from 27/05/2021 to 28/05/2021.
- ❖ Dr. Chetan K. R done international journal publications (SCI Indexed) on Demystification on 21-08-2021.
- ❖ Dr. Chetan K. R done International level conference on Smart Vaccine Reminder, ISSAPI. Bengaluru on 18-08-2021 to 19-08-2021 Organized by MSRIT.
- ❖ Dr. Chetan K. R done International Journal of Computer Sciences and Engineering JCSE on An Intelligent Mirror for Parenting, Supporting Aid and Personal Agent on 30-09-2021.
- ❖ Mr. Manohar Nelli V done International Journal of Advanced Research in Computer and Communication Engineering IJARCCCE on Agriculture Crop Security Using IoT on 15-09-2021.
- ❖ Manohar Nelli V done International Journal of Advanced Research in Computer and Communication Engineering IJARCCCE on Smart Medicine Dispenser for Elderly And Visually Impaired on 15-09-2021.
- ❖ Mrs. Pushpa R. N Coordinated Online Mock Interview for Students of 6th and 8th sem. By IEEE SB, JNNCE from 19/06/2021 to 20/06/2021.

Department of Computer Science & Engineering

- ❖ Mr. Narendra Kumar S, Nirmala Shivanand, Thaseen Bhashith & Vedananda D. E attended FDP on AI in Real Life from 2021-08-30 to 2021-09-07.
- ❖ Mr. Manohar Nelli V attended FDP on "Quantum Information System & Machine Learning" from 2021-08-23 to 2021-08-27.
- ❖ Mr. Sandeep B attended FDP on "Data Analytics in Machine Learning Techniques" from 2021-08-23 to 2021-08-28.
- ❖ Mr. Sathyanarayan S attended FDP on Digital VLSI Design and Verification from 2021-08-23 to 2021-08-27.
- ❖ Mrs. Pushpa R. N, Mrs. Ayesha Siddiqua & Mr. Sayyed Johar attended FDP on Deep Learning & its Application (Parallel Architecture Dr. Ravindra S Electronics & ICT Academies IIT Guwahati, IIT Kanpur, IIT Roorkee, MNIT Jaipur, NIT Patna, NIT Warangal & PDPM IITDM Jabalpur. Supported by Ministry of Electronics & Information Technology (MEITY), Govt. of India from 2021-08-23 to 2021-09-03.
- ❖ Dr. Ravindra S attended FDP on "Industry 4.0: Security and Technological Aspects" (SSIST2021) from 2021-08-09 to 2021-08-21.
- ❖ Mrs. Thaseen Bhashith attended webinar on "Research Trends in Emerging Technologies" on 2021-08-04.
- ❖ Mrs. Sushma R. B attended FDP on "Effective writing & publishing of research paper in SCI", "Scopus ABDC Indexed Journals" from 2021-08-02 : 2021-08-06.
- ❖ Mr. Sathyanarayan S attended FDP on "Application of Machine Learning & Artificial Intelligence Techniques for Control of Future Grid" from 2021-08-02 : 2021-08-07.
- ❖ Mr. Mohan H. G, Mrs. Namitha M. V, Mrs. Ayesha Siddiqua, Mrs. Sowmya D have been attended FDP on "Research Methodology & IPR", Velagapudi Ramakrishna Siddhartha Engineering College from 2021-09-13 to 2021-09-17.
- ❖ Mr. Mohan H. G & Nandish M attended FDP on "Re-Inventing Skill Education in The Light of NEP - 2020", Teaching Learning Centre, Ramanujan College University of Delhi from 2021-09-08 to 2021-09-22.
- ❖ Mrs. Namitha M. V attended FDP on "Advanced Optimization Techniques and hands-on with MATLAB/SCILAB (6 - 17 Sept. 2021)" from 2021-09-06 : 2021-09-17.
- ❖ Mr. Benakappa S. M, Pushpa R. N, Mr. Mohan H. G, Mr. Nandish M, Mr. Hiriyanna G. S, Mr. Sayyed Johar, Mr. Chetan K. R, Mrs. Namitha M. V, Dr. Jalesh Kumar, Mrs. Sowmya D, Mr. Vedananda D. E, Mrs. Poornima K. M, Mrs. Sreedevi S & Mrs. Thaseen Bhashith attended FDP on "Artificial Intelligent & Machine Learning" from 2021-09-27 : 2021-10-02.



Inauguration of VGST (CISEE) Project Lab



M. Tech Orientation Program



Non-Paced Training Program



*International Women's Day Celebration 2021
Conducted by Department of CS&E*

Department of Information Science & Engineering

Department Events Conducted / FDP Organized

- ❖ Online webinar on the topic "Smart Irrigation Management Model Using Intelligent Internet of Things" was organized for the student of ISE on 1st July 2021. The resource person for this workshop was Mr. Varun Y. C, Founder & Director of Smart ICT Solution Pvt. Ltd, Melbourne and casual lecturer at central Queensland University, Australia. The event was coordinated by Mr. Akshay M. J & Mr. Vishwas C. G. M.
- ❖ Mr. Sayed Aftab Ahamed has organized a demonstration session on "Hardware Parts" for 1st Semester students on 17/03/2021 & 23/04/2021. The sessions were handled by Mr. Anil Kumar & Mrs. Pallavi Baliga, Instructors of ISE Department.
- ❖ Department of Information Science & Engineering has hosted a webinar on the topic "Database Connectivity Using Java Servlets & JS" on July 15th, 2021. The resource person for this webinar was Mr. Keerthi Prasad G, Mr. Naveen R, Mr. Chanukotimath & Mrs. Asha K, Assistant Professors, GMIT, Davanagere. The webinar was coordinated by Prof. Pradeep H. K & Sathyanarayan K. B.
- ❖ Department of Information Science & Engineering has hosted a one-day workshop on "Campus Network Maintenance" to brief about the Cable crimping, identification of switches, identification of down link and up link to the technical staff of JNNCE on 25/08/2021. The resource person for this workshop was Prof. Pradeep H. K.
- ❖ Mrs. Sowmya G. V & Mr. Chethan G. S has organized a One Day Student development program on "Application Development Using ARM & ATmega Microcontrollers" on 06/08/2021. The resource person for this workshop was Mr. Manjunatha Kamath, Assistant Professor, Yenepoya Institute of Technology, Moodabidri.
- ❖ A webinar on "Higher Education in Abroad" was organized for 6th and 8th semester students on 17/07/2021 to brief about scope & opportunities of higher education in abroad. The resource person of this workshop was Miss. Bhagyashree Kasal, working at NOKIA, Bangalore. The event was coordinated by Dr. Jyothi K & Mrs. Deepa V. B.
- ❖ Mrs. Deepa V. B & Mr. Sudeep Manohar has coordinated a Two days workshop on "C - Programming Skills" for 5th semester students on 20th September and 21st September 2021.
- ❖ A Three days Placement training was organized from the Department on the topic "Quantitative Aptitude Skills" for 7th semester students from 6th to 8th August 2021. The resource person for this workshop was Mr. Harshith, corporate trainer, Ten seconds, Bangalore. This event was coordinated by Mrs. Deepa V. B & Mr. Sudeep Manohar.

Books, Journals, Articles, Paper Published

- ❖ Mr. Pavan Kumar M. P has published a paper titled "Structure Preserving Non-Photorealistic Rendering Framework for Image Abstraction and Stylization of Low Illuminated and Underexposed Images" in International Journal of Computer Vision and Image Processing, during April 2021.
- ❖ Mr. Pavan Kumar M.P, Assistant professor of ISE department has published a paper titled "Predictive Model for Rice Blast Disease on Climate Data Using Long Short-Term Memory and Multi-Layer Preceptor: An Empirical Study on Davangere District." in International journal of "Annals of the Romanian Society for Cell Biology, during May 2021.
- ❖ Mr. Pradeep H. K, Associate Professor has presented a paper in International conference on Emerging trends in Science, Engineering and Management 2021 for the paper titled "GNN based Approach for fake news Detection in E-media" in the month of JULY 2021.
- ❖ Mr. Sathyanarayana K. B, Assistant Professor has presented a paper in International conference on Emerging trends in Science, Engineering and Management 2021 for the paper titled "GNN based Approach for fake news Detection in E-media" in the month of JULY 2021.
- ❖ Mr. Pavan M, Assistant Professor, of IS&E Department has Presented a paper in conference Intelligent systems and sustainable computing(springer) of a paper titled "Human Action Recognition in still Image using SIFT key points" in the month of September 24th & 25th 2021.
- ❖ Dr. Jyothi K, Professor of IS&E Department has Presented a paper in conference Intelligent systems and sustainable computing (springer) of a paper titled "Human Action Recognition in still Image using SIFT key points" in the month of September 24th and 25th 2021.

Department of Information Science & Engineering

- ❖ Mr. Chethan G. S, Assistant Professor of IS&E Department has published a paper in International journal for science and advance Research in Technology of the paper titled "An Energy Efficient routing approach for IOT Networks using 6LOWPAN" in the month of September 2021.
- ❖ Mr. Chethan G.S, Assistant Professor of IS&E Department has published a paper in International Research Journal of Modernization in Engineering Technology and Science of the paper titled "Predictive Analysis of student carrier" in the month of September 2021.

Funded Projects / Grants

Mr. Sharath Kumar S.R, Assistant Professor and student named Srikanth Datta Kashyap, Sujay J, Ranjan R, Vaibhav N. Y, has applied for the funds in NEWGEN-IEDC of Rs. 2,50,000/- on the project titled "Spray Drone" this project aims at providing a novel solution for spraying pesticides over farmland at specific altitude, constant Speed and uniform spraying.

Achievements of Faculty

- ❖ Prof. Raghavendra R. J has been awarded Ph.D. Degree in Computer Science and Engineering thesis titled "Approaches for Ensuring Security in Face Identification System Against Spoofing Attacks" in VTU, Belagavi, under the guidance of Dr. R Sanjeev Kunte, Professor & Head, Dept. of ISE.
- ❖ Prof. Pavan Kumar M. P has been awarded with Ph.D. degree in computer science and Engineering under Visvesvaraya Technological University under the guidance of Dr Poornima B and Dr. H S Narendra Swamy, for the thesis titled "Structure preserving approaches for image abstraction and stylization"

Students Achievements

- ❖ Ms. Harini M of 4th Semester has attended online webinar on " Computer ethics and Human values" organized by Department of MCA , JNNCE , Shivamogga , conducted on 29-05-2021.The speaker for this webinar was Dr. S. N. Jagadeesha, Professor, PESITM , Shivamogga.
- ❖ Ms. Harini M of 4th Semester has actively participated in webinar on "Trends and challenges in EV" for KPIT Sparkle 2022 held on August 9th, 2021.
- ❖ Ms. Harini M of 4th Semester has actively participated in the international webinar on "Auto ML" (Automated Machine Learning) organized by the department of CSE , Gopalan College of Engineering and Management on 5th August 2021.The Resource person for this webinar was Dr. Ching-Hao Lai, R & D manager, Taipei, Taiwan.
- ❖ Ms. Fiza Khanum, 6th Semester has participated in EDS distinguished Lecture on "Rethinking computing with Neuro-Inspired learning -device, circuits and algorithm" conducted by IEEE-SJCE students Branch on 5th June 2021.
- ❖ Ms. Fiza Khanum, 6th Semester has successfully completed the 2 hours Master class on GOOGLE COLAB MACHINE LEARNING APP conducted on 18th JUNE 2021.
- ❖ Ms. Poorvika Rani S. P of 6th Semester has successfully certified the course in courseera on the subject " Foundations: Data, Everywhere during 20th June 2021.
- ❖ Ms. Namratha N of 6th Semester has successfully certified the course in courseera on the subject " JavaScript Basics" during 15th August 2021.
- ❖ Ms. Chaitra N. V, Dhanyashree K. R, Sahana S. M & Ms. Bhoomika H. M of 6th semester has participated in project Exhibition in 6th Industry Institute conclave on electronics, Computational and communication Technologies held at Sahyadri College of Engineering and Management, Mangalore on June 26, 2021, in association with IEEE Mangalore subsection .
- ❖ Ms. Tasmiya Mansoor, Mr. Vivek Srinivasan, Mr. Puneeth K. S of 6th Semester has participated in 2 days National level "Hackothsav" organized by department of Computer science and Engineering in association with code Troopers club and IEEE SMVITM student branch from 9th to 11th July 2021.
- ❖ Mr. Vivek Srinivasan, of 6th Semester has participated in the "Verzeo Campus Ambassador" program held during 6th June 2021 to 8th August 2021.
- ❖ Ms. Amitha S. Krishna, Chaitra T. M, Asha S. M, Bhuvaneshwari Gangur of 4th Semester has participated in the online workshop titled "How to use multisimonline simulator" organized by department of ECE, JNNCE in association with IETE, Shivamogga Centre on 14th July 2021.
- ❖ Ms. Megana Bekal of 6th Semester has participated in "HACKATHON-SERIES-2" a state level online coding competition organized by ISTE-Karnataka Section, Supported by C.I.T-Gubbi held from 8th June to 13th June 2021.

Department of Information Science & Engineering



An online webinar on the topic "Smart Irrigation management model using Intelligent Internet of things" on 1st July 2021



A demonstration session on "Hardware Parts" for 1st Semester students on 17/03/2021 & 23/04/2021



One day workshop on "Campus Network Maintenance to the Non-Teaching Staff of JNNCE on 25/08/2021



Student Development Program on "Application Development using ARM & ATmega Microcontrollers" on 06/08/2021



Farewell function for Final year students was arranged in the Department on 31st July 2021



Two Days Student Development Program on "C Programming Skills" on 20th & 21st September 2021.



A Three days Placement training was organized by the Department on the topic of "Quantitative Aptitude Skills"



Prof. Raghavendra R. J.

Has been awarded with Ph.D. under VTU for the thesis titled "Approaches for Ensuring Security in Face Identification Systems Against Spoofing Attacks"



Prof. Pavan Kumar M. P.

has been awarded with Ph.D. under VTU for the thesis titled "Structure Preserving Approaches For Image Abstraction & Stylization"

Department of Management Studies

Events organized

- ❖ JNNCE MBA Toastmasters Orientation Program was held in association with Shivamogga Toastmasters' Club on 23/4/2021 at MBA-MCA Auditorium.
- ❖ Webinar & Discussion on "Blended Mode of Teaching and Learning: Concept Note Circulated by UGC" for Principals, HODs and Staff of all the institutions of National Education Society on 05/06/2021
- ❖ "Free Covid-19 Vaccination" Drives were organized by the Department in association with JNNCE-Red Cross and NSS-JNNCE and District Administration, Shivamogga on 01/07/2021, 02/07/2021, 03/07/2021, and 14/07/2021.
- ❖ Annual UG Fest-Utthana-2021 was organized and the event was inaugurated by Mr. Pratham, celebrity from Kannada Film Industry and National Education Society, Shivamogga. More than 170 students from different UG Colleges of Shivamogga city participated in different Co-Curricular and Extra-Curricular competitions held at MBA-MCA Auditorium on 06/09/2021.
- ❖ Farewell to the outgoing batch was organized by the Department. Ms. Ashika Jain (VTU-MBA 4th Rank Holder-2019 Batch) was felicitated the occasion on 18/08/2021

Special Guest- Lecture Series

- ❖ "Digital Marketing The Game Changer" by Gowthama K. V. S from 27/08/2021 to 27/08/2021
- ❖ "Careers and Interviews" by Mr. Venu G. Bhat from 20/08/2021 to 21/08/2021
- ❖ "Tips for Success in Sales and Marketing" by Mr. U. R. Srinivas from 21/08/2021 to 21/08/2021
- ❖ "Specialization Cautions and Informed Decisions" by Ms. C. R. Ashwini from 19/08/2021 to 19/08/2021
- ❖ "Identify the Stars within You" by Mr. Venu G. Bhat from 14/08/2021 to 14/08/2021
- ❖ "Keeping Self Motivated" by Ms. Shivani Purohit Kulkarni on 24/09/2021 & 29/09/2021
- ❖ "Internship - Skills for Life" by Mr. Manjunath was organized on 14/09/2021

FDPs / Seminars / Training Programs Attended by the Faculty

- ❖ Dr. Nagesh G. P participated in the National Webinar on "Financial Planning and Investment Opportunities organized by Sri Pratap Memorial Rajput College of Commerce on 05/4/2021.
- ❖ Dr. B. V. Srinivasa Murthy participated & completed successfully AICTE Training & Learning (ATAL) Academy Online Elementary FDP on "Digital Media at Institute of Business Management & research, IPS Academy, Indore 17/05-2021 to 21/05/2021.
- ❖ Dr. Vikram V participated in an International Webinar titled "Marketing: Aligning Brand and Customer Behavior Organized by the Department of B.Voc, in Retail and Supply Chain Management, Dharmasthala Manjunatheshwara College, Ujire, on 21/5/2021.
- ❖ Dr. G. P. Nagesh Participated a Webinar on Financial Empowerment through Wealth Creation" organized by University Burdwan, West Bengal, 5/5/2021.
- ❖ Dr. G. P. Nagesh participated in International Webinar on "Ethics Conscience for a New Business Take" organized by Department of Business Administration, Cauvery College for Women Tamilnadu on 31/05/2021.
- ❖ Dr. Subhadra P. S participated & completed successfully completed the 5 Day online FDP on "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 14/06/2021 to 18/06/2021.
- ❖ Dr. Ravisha N. S participated in Training on Stocks-Futures-Options Market by Mr. Yogeshwar Vashista on 04/06/2021.
- ❖ Dr. Santhosh participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Innovation & Acquisition of Intellectual Property Rights" at IUCIPRS CUSAT from 26/07/2021 to 30/07/2021.
- ❖ Mr. Praveen Kumar B. H participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Innovation & Acquisition of Intellectual Property Rights" at IUCIPRS CUSAT from 26/07/2021 to 30/07/2021.
- ❖ Dr. Srinivasa Murthy B. V participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Innovation & Acquisition of Intellectual Property Rights" at IUCIPRS CUSAT from 26/07/2021 to 30/07/2021.

Department of Management Studies

- ❖ Dr. Subhadra P. S participated in the One-Week Online Faculty Development Program on "Challenges of Higher Education in N.E. India" organized by E&ICT Academy, IIT Guwahati in association with Lumding College, Assam and support from Skill Gym from 05/07/2021 to 10/07/2021.
- ❖ Dr. Subhadra P. S participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "5 days online Faculty Development Program on "Organizational Behaviour" at National Institute of Pharmaceutical Education and Research (NIPER), Hyderabad from 12/07/2021 to 16/07/2021.
- ❖ Dr. Subhadra P. S participated & completed successfully completed AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Productivity Enhancement" at National Institute of Technology Goa from 20/07/2021 to 24/07/2021.
- ❖ Dr. Subhadra P. S participated & completed successfully completed AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Productivity Enhancement" at National Institute of Technology, Mizoram from 27/07/2021 to 31/07/2021.
- ❖ Dr. Vikram V participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Be Future ready with Business Analytics" at Jaipuria Institute of Management, Jaipur from 05/07/2021 to 09/07/2021.
- ❖ Dr. Vikram D. K participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on Operations Management at Goa College of Engineering from 16/08/21 to 20/07/2021.
- ❖ Dr. G. P. Nagesh participated & completed successfully FDP on "Advanced Methodologies for Contemporary Research- A Pragmatic Approach", Government Ramnarayan Chellaram College of Commerce and Management, Bangalore from 16/08/2021 to 23/08/2021.
- ❖ Dr. G. P. Nagesh participated in Blended Teaching Methodologies in Higher Education organized by - RC College of Commerce & Management, Bangalore from 04/08/2021 to 09/08/2021.
- ❖ Dr. Vikram D. K participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Operations Management" at Goa College of Engineering from 16/08/21 to 20/08/2021.
- ❖ Dr. Vikram D. K participated & completed successfully FDP on "Introduction to Econometrics using E-views" Bhopal from 02/08/2021 to 07/08/2021.
- ❖ Mrs. Anuradha C. K attended the preconference workshop on "Clinical Hypnosis" and "Savouring as a tool for optimizing and Neutralizing Rumination" on 5/08/2021 and an International virtual conference on "Psychological Wellbeing in the Pandemic Era" organized by Kateel Ashok Pai Memorial College, Kuvempu University, Bharatiya Vidya Bhavan from 6/08/2021 & 7/08/2021.
- ❖ Dr. Subhadra P. S participated & completed successfully completed the Part-1 of the UHV Refresher- 1 FDP organized by All India Council for Technical Education (AICTE) from 30/08/2021 to 4/09/2021.
- ❖ Dr. D. K. Vikrama participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "5 days online Faculty Development Program on "Imparting Soft Skills and Life Skills for Holistic Development PSGR Krishnammal College for Women from 06/09/2021 to 10/09/2021.

Book, Journal Articles Published

- ❖ A Book on "Marketing Management" authored by Dr. Vikram. V. & published by Vinayaka Publications, Shivamogga on 19/04/2021.
- ❖ Dr. C. Srikant published "Marketing Management" Himalaya Publishing House, Bangalore on 2/04/2021
- ❖ Dr. Santhosha published "Managerial Communication" Himalaya Publishing House, Bangalore on 2/04/2021.
- ❖ Dr. B. V. Srinivasa Murthy, Managerial Economics Himalaya Publishing House, Bangalore on 2/04/2021.
- ❖ Dr. Ravisha N. S Business Statistics Himalaya Publishing House, Bangalore on 2/04/2021.
- ❖ Dr. Vikram V published a paper on "An Evaluation of Promotional Strategies of MTR Foods Pvt. Ltd. With Special Reference To Bengaluru City" in International Journal of Advance and Innovative Research Volume 8, Issue 3 (II) ISSN: 2394 - 7780 , July 2021.
- ❖ Mr. Praveen Kumar B. H & Dr. Ravisha N. S published a paper on "Impact of Digital Technology on Performance of Public and Private Sector Banks in India" in International Journal of Advance and Innovative Research Volume 8, Issue 3 (II) ISSN: 2394 - 7780, July 2021.

Department of Management Studies

Student Activities

- ❖ Ms. Smrithi S. C received Toast Masters Best Speaker Award in First Meeting of JNNCE MBA Toastmasters on 26/04/2021.
- ❖ Second Semester students actively participated in E-Step Boot Camp organized by New Age Innovation Network Centre, JNNCE Shimoga supported by Department of Electronics, IT, BT and S&T, Government of Karnataka on 04/06/2021.
- ❖ Finance Students attended Training program on Stocks Futures Options Market by Mr. Yogeshwar Vashista on 04/06/2021.
- ❖ Ms. Manasa Hegde received best Paper Award at ESPLORO-2021 a National Level Student Research Paper Presentation on 05/07/2021.
- ❖ As many as 11 students from fourth semester participated & presented papers at ESPLORO-2021-A National Level Student Research Paper Presentation on 05/07/2021.
- ❖ As many as 8 students from 3rd Semester are undergoing a 2 months Certification Course and Hands-on Internship Training Program on "Digital Marketing" at Sunrise Digital Media and Kannada Medium News Channel, Shivamogga.

Invited Talks by our Faculty

- ❖ Mrs. Anuradha C. K. delivered an invited Talk on "Corporate Psychology" at Manasa Group of Institutions on 01/05/2021.
- ❖ Dr. Srinivasa Murthy B. V delivered a talk on "Impact of Petroleum Prices on Indian Economy" at Alva's College Moodabidri on 16/07/2021.
- ❖ Dr. C. Srikant delivered the Valedictory Address on the occasion of National Webinar on Indian Banking Sector- Issues, Challenges, Opportunities & Imperatives at Edurite College of Management Studies (Affiliated to Kuvempu University) Shivamogga on 04/09/2021.
- ❖ Dr. Vikram V delivered a webinar lecture on Industry - Institution interaction in Global Perspective for Business administration students and Inauguration of Certificate Course in SAPFICO organized by Government First Grade College and PG Studies in Commerce Narasimharajapura on 25/09/2021.



Mr. Pratham (Actor from Kannada Film Industry) and other guests on Inauguration of Utthana-2021, Annual UG Fest



Book Release event - "Marketing Management" authored by Dr. V. Vikram on 19/04/2021 & Presence: Dignitaries from NES



Ms. Ashika Jain (VTU-MBA 4th Rank Holder) felicitated on Farewell to the outgoing batch organized by the Department on 18/08/2021.



Celebration of Teachers Day and Engineers Day by Inner Wheel Shimoga-North in association with Department of Management Studies, JNNCE Shivamogga on 30/09/2021.

Department of Computer Applications

Department Events Conducted / FDP Organized

One-week online ATAL FDP has been organized by MCA Department; the targeted participants are the faculty members from several engineering colleges across India.

- ❖ Title: ATAL FDP on Cyber Security
- ❖ Date: 1-02-2021 to 5-02-2021

Resource Persons:

- ❖ Dr. Mahesh Kurbha delivered the talk on "Cyber Forensics, Internet Security" and "Information Security Standards from Industry Perspective"
- ❖ Dr. Ramesh B delivered a talk on "Cyber Security Algorithms and its importance"
- ❖ Dr. Rafique Ahmed delivered a talk on "Elements of Cyber Security and types of Security Threads"
- ❖ Dr. B. Satish Babu delivered a talk on "Approaches to cyber security"
- ❖ Dr. Kiran M delivered a talk on "Security on Block Chain Technology"
- ❖ Dr. Arunkumar delivered a talk on "Cyber law and Security"
- ❖ Shri Vinayananda Swamiji delivered a talk on "Art of Leaving"
- ❖ Event Coordinator: Dr. Prabhudeva S, Prof & Head of MCA Dept.

One day online webinar has been organized by MCA Department, the targeted participants are faculty members are from different engineering colleges across Karnataka.

- ❖ Event Name: Online Webinar on "Computers, Ethics & Human Values"
- ❖ Date: 29th May 2021, 10 30 AM to 01.00 PM
- ❖ Resource Person: Dr. Jagadeesha S. N, Retd. Professor JNNCE and PESITM.
- ❖ Event Coordinator: Dr. Raghavendra S. P Asst. Prof., and Smt. Sandhya R, Assoc. Prof.

One day online SDP Webinar has been organized by MCA Department, the targeted participants are MCA students.

- ❖ Event Name: Autonomics - Next Generation IT Automation Solution
- ❖ Date: 18th June 2021 @ 3.00PM
- ❖ Resource Person: Mr. Manuel K, Solution Architect at Scania, Stockholm, Sweden.
- ❖ Event Coordinator: Mr. Adarsh M. J, Asst. Prof., & Smt. Sandhya R, Assoc. Prof.

Books, Journals, Articles, Paper Published, Awards & Achievements

- ❖ Mr. Hemanth Kumar, Mr. Dilip Kumar S. M and Mr. Nagarjun E, "Congestion Estimation and Mitigation using Fuzzy System in Wireless Sensor Network", Accepted in International Conference on Computational Electronics for Wireless Communications (ICWC-2021), To be published in LNNS, Springer.
- ❖ Mr. Hemanth Kumar & Mr. Dilip Kumar S. M, "AQM Model to Estimate & Mitigate Congestion using Priority RED in WSN", (International Journal of Computing and Digital Systems), July 2021 (Accepted, 2210-142X, SJR: Q4).
- ❖ Mr. Prashanth Ankalkoti has got the flowing awards
 - 1) Microsoft Innovative Educator Expert (MIE Expert) 2021-2022.
 - 2) Appointed as a member of the 'Editorial Board' for Journal (s) of 'Blue Eyes Intelligence Engineering and Sciences Publication (BEIESP) for year 2021-22.
 - 3) International Outstanding Educator Award 2021 by Green ThinkerZ on May 23rd, 2021.
 - 4) Mote Certified Educator 2021. Certification / Online Courses
 - a) Diploma of Completion - RPA Design and Development V2.0 by UiPath on 25th May 2021.
 - b) Diploma of Completion - RPA Starter by UiPath on 23 Apr 2021.

Department of Computer Applications

FDP / Webinars / STTP / Workshops Attended by Faculty

- ❖ Mrs. Sandhya R has attended one week FDP, AICTE ATAL on "Blended Teaching and Learning" organized by National Institute of Technical Teachers Training and Research, Chennai from 01-04-2021 to 05-04-2021.
- ❖ Dr. Sunitha G. P, Associate Professor from JNN College of Engineering, Shimoga has participated and successfully completed the 5-day ATAL FDP on the theme "Foundation of Data Science and its Applications" organized by Indira Gandhi Technical University Delhi, from 06-09-2021 to 10-09-2021.
- ❖ Mr. Santhosh S. G, Associate Professor from JNN College of Engineering, Shimoga has participated and successfully completed the 5-day FDP on the theme "AI in Real Life" organized by PESIT-M, Shimoga, from 30-08-2021 to 07-09-2021.
- ❖ Mr. Raghavendra S. P, has voluntarily contributed as a reviewer of papers in the Artificial Intelligence and Machine Learning for ICCICT-2021 organized by Sardar Patel Institute of Technology, Mumbai.
- ❖ Dr. Raghavendra S.P from JNN College of Engineering, Shimoga has participated and successfully completed the 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 14 June 2021 to 18 June 2021.
- ❖ Dr. Raghavendra S. P from JNN College of Engineering, Shivamogga has participated in One day National Level Webinar on "Value Education - Awareness on UHV" organized by UHV-Cell, RYM Engineering College, Bellary on 24 August 2021.
- ❖ Dr. Raghavendra S. P from JNN College of Engineering, Shimoga has participated and successfully completed the Part 1 of the online UHV Refresher 1 FDP organized by All India Council for Technical Education (AICTE) from 30 August 2021 to 3 September 2021.
- ❖ Mrs. Sandhya R, Mr. Santhosh S. G, Dr. Raghavendra S. P, Mr. Manjunatha H. T, Mr. Adarsh M. J, Mr. Arun Kumar K. L are attended 3 days FDP on "Mobile application development with Kotlin" organized by CSE Dept., JNNCE, Shimoga from 14-05-21 to 16-05-2021.
- ❖ Mr. Manjunatha H. T & Arun Kumar K. L are attended 5 days FDP on "AI and ML" organized by JNNCE, CS&E Shimoga from 27-09-2021 to 02-10-2021.
- ❖ Mr. Prashanth A has attended 6 days FDP on "Focuses on Learning the Scope of Security Aspects and Applications" Dept. of Information Science & Engineering," organized by NMAM Institute of Technology, Nitte from 26-07-2021 to 31-07-2021.
- ❖ Mr. Prashanth A has attended one week FDP, AICTE ATAL on "Sensors Applications through Internet of Things" organized by University BDT College of Engineering, Davanagere (Constituent College of VTU Belagavi) from 20/09/2021 to 24/09/2021.
- ❖ Mr. Prashanth A has attended RPA Design and Development V2.0- Educator Readiness program 17 May to 21 May - UiPath Academic Alliance.

Department of Library

NPTEL Star				
Sl. No.	Name of the student	Branch	Semester	Certificate
1	Sumanth Shanbhog	ECE	7th	NPTEL Believer - 2020



General Events



***Celebrated Independence Day
on 15th August 2021 at JNNCE
Campus***



***Celebrated Gandhi Jayanthi on
2nd October 2021 at JNNCE
Campus***



***Conducted Press meet at JNNCE
MBA block on progress of the
institution and about new branch
of Artificial intelligence &
Machine learning On 08.07.2021***

Department of Training & Placement

Department of Training and Placement has initiated the placement activities for the 2021 batch from the month September 2020. Even though it was pandemic time In total 531, a Record number of job offers have been made in this batch.

Highlights

- ❖ More than 120 companies have visited for drives.
- ❖ Ms. Sharadhi S. S from CSE got placed in HashedIn by Deloitte with the package of Rs. 8.0 LPA.
- ❖ 36 students got an offer of more than Rs. 5.0 LPA.

Training Programs conducted for the students

- ❖ TCS Specific Training By Conduria Online 23rd Sept 2020 To 23rd Oct 2020 for Final year Students of all the branches.
- ❖ Online TCS Grooming Session by Qspiders 5th Oct 2020 To 10th Oct 2020 for Final year Students of all the branches. Total 248 Students registered.
- ❖ Training on C and C++ Programming Language by QSpiders 11th Nov 2020 to 7th Dec 2020 (30 Hours) For Final year students of ECE and TCE branches.
- ❖ Employability Skills Training by Seventh Sense Talent Solutions 23rd Nov 2020 to 3rd Dec 2020 (16 hours) For Pre-Final year Students of all the branches.
- ❖ Job Readiness Program by Great Learning 11th Dec 2020 (6 Month) For registered students of pre-final year and final year students of all the branches.
- ❖ Training on C and C++ Programming Language by 10Seconds from 21st Dec 2020(36 Hours) For Final year students of EEE, Mechanical, and Civil branches.
- ❖ Training on C and C++ Programming Language by QSpiders from 22nd Dec 2020 (30 Hours) For Final year students of CSE, ISE and MCA branches.
- ❖ Wipro Specific Training by Conduria Online From 5th Jan 2020 for Final year Students of all the branches.
- ❖ Wipro Specific Training by Seventh Sense Talent Solutions 26th Dec 2020 to 14th Jan 2021 For Final year Students of all the branches.
- ❖ 2 days Induction Training by Seventh Sense Talent Solutions and FACE 12th & 13th Feb 2021 for 1st semester students.
- ❖ 5 days Training on Construction Finishes by CMTI (Construction Management Training Institute) 8th to 12th March 2021 for Final years students of Civil Engineering Dept.
- ❖ 4 Weeks Training on TVAS - Fundamental Industrial Mechanical Skills by Tata Power Skill Development Institute (TPSDI) 3rd March 2021 To 27th March 2021 For 50 Students from Final Year of Mechanical Engineering Dept.
- ❖ 8 Days Technical Training on C, C++ and Data Structure by Qspiders 8th to 18th March 2021 For Final year students of CSE, ISE and MCA branches.
- ❖ 4 Weeks Technical Training on CNC, CMM and RPT Machineries By GTTC, Shivamogga 8th March 2021 To 27th March 2021 For 60 Students from Final Year of Mechanical Engineering Dept.
- ❖ 10 days Offline Technical Training on Coding Skill By 10 Seconds 22nd March 2021 To 1st April 2021 for Final year students of ECE and TCE branches.
- ❖ 6 Days Offline Training on Aptitude Skill by QSpiders 5th April 2021 To 10th April 2021 For the Final year students of all the branches.
- ❖ 6 Days Online Training on Employability Skills by GTT, Pune 5th April 2021 to 10th April 2021 for the pre-final year students of all the branches.
- ❖ 30 Hours Offline Technical Training on Angular JS 6th April 2021 To 24th April 2021 for pre-final year students of MCA.
- ❖ Online Live Session on Aptitude by Conduria Online 19th April 2021 to 26th April 2021 for Final year students who have registered for conduriaonline.com.
- ❖ 5 Days Online Training on Front end & Back-end technologies by Apponix Technologies 10th May 2021 To 14th May 2021 Interested students (Final year) of all the branches.
- ❖ 10 Days Online Training on C Language, Data Structure by QSpiders 13h May 2021 To 23rd May 2021 Final Year Students of All the branches.
- ❖ 18 Hours Self Placed Training on Aptitude Skill by FACE From 13th May 2021 (3 Weeks Access) For the pre-final year students of all the branches.

General Events

- ❖ One Month GATE -2022 Preparation Course by GATE ACADEMY, Bangalore 21st May 2021 (One Month Access) For the pre-final year students of all the branches.
- ❖ 12 Days Online Training on "Basics of 12 important Aptitude" by Channel B.Tech 18th May 2021 To 29th May 2021 For the pre-final year students of all the branches.
- ❖ Cognizant Specific Training By Seventh Sense Talent Solutions 12th June 2021 To 18th June 2021 For PlaceSense Registered Students.
- ❖ 7 days IBM Specific Training By Seventh Sense Talent Solutions 17th June 2021 To 23rd June 2021 For PlaceSense Registered Students.

Placement details

Branch	No. of Offers
CSE	140
ISE	110
ECE	143
TCE	30
EEE	49
MECH	38
CIVIL	4
MCA	17

National Education Society(R)
JNN COLLEGE OF ENGINEERING SHIVAMOGGA
Dept. of Training & Placement

2021 Batch

Congratulations

Package 7.0 LPA

Pallavi P
ISE

Shreeraksha M S
CSE

Madhu H R
CSE

for being Placed in TCS Digital

NATIONAL EDUCATION SOCIETY(R)
J N N College of Engg., Shivamogga
DEPT. OF TRAINING & PLACEMENT

510+
Offers

RECORD NO. OF JOB OFFERS
@ JNNCE
FOR 2021 BATCH

Congratulations!
To All the Selected Students

National Education Society(R)
J N N College of Engg., Shivamogga
DEPT. OF TRAINING & PLACEMENT

Congrats!

SHARADHI S
CSE-2021 Batch

Congratulations for being Placed in
Hashedin
by Deloitte
With a Salary of 8.0 LPA



“Technology is a gift of God. After gift of life, it is perhaps the greatest of God’s gifts. It is the mother of civilizations, of arts and of sciences.”