



NAGARJUNA
COLLEGE OF ENGINEERING & TECHNOLOGY

NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY

An Autonomous College under VTU



Department of Electronics and Communication Engineering
Presents

Tarangā - 2020

Newsletter - Edition VI

August 2020





J. Chaitanya Varma-Secretary ,NES Bangalore

I applaud Department of Electronics & Communication for bringing “Taranga-2020”. Innovations in technical education plays an vital role in building future Leaders and Entrepreneurs.

Department of Electronics & Communication has acclaimed by introducing innovative learning methods, in particular bring a newsletter will show the dedication and commitment of the faculties.

I would like to say that department of ECE will provide zestful leaders to the nation, under the able and excellent motivation by departmental Head and faculties.



Bhanu chaitanya Varma Member,NES Bangalore

The aspiration towards imparting quality education, motivation depends on moulding young brains. The curricular flexibility empowers an individual with the cross-domain expertise being emphasized today.

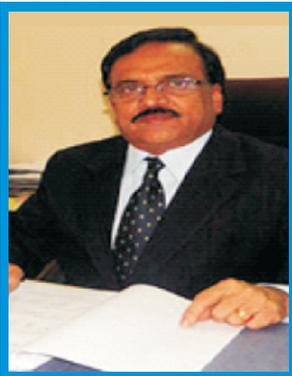
I would like to congratulate the department in compiling this newsletter “Taranga-2020” which will help and persuade future of the students in exhibiting more trans-disciplinary learning and research anchored in a convergence construct.



Dr. K. S. Deshikachar-Senior Director,NES Bangalore

I would like to congratulate Department of Electronics & Communication in bringing this newsletter “Taranga-2020”, the department's commitment to excellence is nurtured by the high caliber of its faculty. This newsletter ensures students are being exposed to a strong research training programme and pursue cutting edge education.

I admire HOD and faculties of the department for the notable news letter containing achievement in the field of academics, research, sports and extracurricular activities.

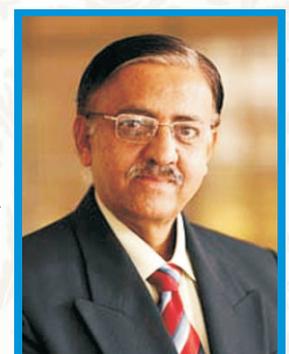


Dr. S. G. Gopala Krishna-Director, NES Bangalore

I feel immense pleasure to congratulate the Department of Electronics & Communication to bring the newsletter “Taranga-2020”, as the saying goes “as you sow, so shall you reap”.

This newsletter is a presentation of collective methods showcases the transformation of the department towards achieving quality and excellence in education.

I appreciate the HOD, staff and students in all their achievements. I wish them a considerable success in their future endeavors.





Dr. S. G. Srikantamurthy, Principal, NCET

I am glad to congratulate the department of Electronics & Communication for bringing the newsletter “Taranga-2020”. It is a gospel of technology, providing an overview of creative and technologically advanced skill transfer of the students.

It contains the details of regularly organized seminars, symposiums, workshops and invited talks by eminent faculty from reputed institutions and industry experts. This newsletter contains all the details and attempt to exploring newer avenues of the Electronics.



**Dr. Nagesh K.N
PROFESSOR & HOD, NCET**

With great pleasure I introduce you to the Department of Electronics and Communication Engineering of Nagarjuna college of Engineering & Technology, Bengaluru. The greatest asset of the department is it's highly motivated and learned faculty who are very dedicated to teaching and also involved in up-gradation of knowledge. Their research experience will help to cultivate the future of our students to work in the global multicultural environment. With great demand in industry and great placement opportunities, the department stands tall and proud. The graduates of the Electronics & Communication Stream have been selected by some of the leading Software Industries. The Department not only aims to make our students technically sound and knowledgeable but also organize various events like club activities & coding to showcase their talents under non-technical, Technical and Cultural forums to nurture their wisdom and make them a better and responsible human being. I believe that my team consisting of ECE students, staff and faculty is capable of doing wonders. ECE department has become a symbol for excellent placements with package unmatched wide, which showcases our academic and extracurricular strengths.

I invite you to the Electronics and Communication Engineering Department if you are looking for an undergraduate program. My team is confident that your stint with ECE department will definitely make you outshine with a successful and accomplished career. We hope that we will continue to deliver our best to serve the society and mankind.

I wish good luck to team members for the publication of Newsletter TARANGA-2020.



**Dr. Nagesh K.N
PROFESSOR & HOD
NCET**





From Editor's Desk

Education as a profession is challenging and hence interesting. Here one works to meet the needs of future. A student taking admission in an engineering college at an age of 18 or 19 years is most likely to work in the domain and retire at the age of 60. Considering the rate at which the technology is changing, it is difficult to even predict the state of the technology in the next 5 years. Thus in technical education we are actually preparing the students for something that is continuously changing and to a greater extent unpredictable.

Understanding this, I feel that one of the most important skills that a student is required to meet these changing and unpredictable needs is creativity. It is the ability to think differently, unconventionally and with a new perspective. As per Sir Kenneth Robinson, one of the leading educationalists of current times, creativity is as important now in education as literacy itself. All humans have inherent potential and ability to be creative. Picasso, the legendary artist, once said that all children are born artist, the problem is to remain an artist as one grows up. Thus what is important is to properly nurture this skill.

Like many other human talents, creativity is also buried within and it requires creating proper environment for it to show up and flourish. In education system the conventional way of judging students just on their abilities to score marks in examinations, which almost follows a standard pattern, and thereby encouraging them or compelling them for this does not help to develop their creative talents; in fact this crumples it.

Any industrial process can be standardized because the raw material as input and product as output of the process are not diverse. However, students have their own pockets of strengths and diverse thinking pattern, thus education can never be standardized and any effort towards this will kill the sole purpose of education. Education has to be personalized. Educators have to play a proactive role in ensuring the right environment for creative talents to flourish. Classrooms should be more lively and interesting. This can be achieved through the use of different teaching aids, projects, workshops, value added courses etc. Students should be encouraged to work across the departments that may help them to broaden their outlook and develop skill of lateral thinking.

I thank Dr.Rohith S, Mr. Sreenivasulu, & Ms.Jyothi for developing and drafting Taranga 2020.

This newsletter is to highlight all those approaches and achievements of the family members of ECE department during the Academic year 2019-20 both within and beyond academics which kept the campus life abuzz with enthusiasm.

Editorially yours,

VINAYAKUMAR S R

Editorial Committee



Dr. Rohith S
Associate Professor



Mr. Sreenivasulu K N
Assistant Professor



Ms. Jyothi S K
Assistant Professor

It gives us great pleasure to bring you the Sixth issue of Taranga-2020, the newsletter of ECE department. The name and fame of the department depends on the caliber and achievements of the students and teachers. The role of a teacher is to be a facilitator in nurturing the skills and talents of the students. This newsletter Taranga-2020 is a platform to exhibit various activities in which students and faculty members actively involved from August 2019 to July 2020. We would like to place on record our gratitude and heartfelt thanks to all those who have contributed to make this effort a success. We profusely thank the Management, Principal and HOD for their continuous support, encouragement and a free hand in this endeavor. Last but not the least we are thankful to all who have supported us.

<u>Editorial Committee</u>		
Mr. Vinay a Kumar S R	Assistant Professor	Chief E ditor
Dr. Rohith S	Associate Professor	Editor
Mr. Sreenivasulu K N	Assistant Professor	Member
Ms. Jyothi S K	Assistant Professor	Member





About the College

Nagarjuna College of Engineering and Technology (NCET) was established in the year 2001 by Nagarjuna Education Society (NES) Bengaluru, which is supported by Nagarjuna Construction Company (NCC) and is situated in sprawling campus of 100 acres with the state of art facilities. It is renowned for providing value based quality education to prepare students for challenges in the outside world and creating favorable environment for learning. Through its pursuits of excellence in education it aims to serve the growing needs of today's progressive society.

The founder, Shri. J.V.Ranga Raju a leading industrialist and philanthropist, who motivates the younger generation to dream big and strive towards the fruition of their dreams. NCET is well connected to NH-7 (Bengaluru - Hyderabad Highway) and is just 15 Kms from the Bengaluru International Airport, Nandi Hills, Muddenahalli (Birth place of Sir. M. Visvesvaraya), Devanahalli (Birth place of Tippu Sultan) which are well known tourist spots situated close by.

About the Department

The Department of Electronics and Communication Engineering is a hub of technologies that underpin VLSI Design and Embedded Systems, Data Communication, etc. with special emphasis on Research and Development. The department offers UG which encompass technical, research and soft skills reflecting the realities of modern day advancement and in turn making the graduates employable. The college is engaged in research leading to Ph.D in Electronics and Communication Engineering and undertakes funded research projects.

UG students are encouraged to take up interdisciplinary research in various domains and students are placed in reputed companies like Continental Automotive, Mahendra Electric, Tech Mahindra, HP, Infosys, TCS, IBM, Mindtree, etc. The department has MOU with Texas Instruments and National Instruments.

Department of ECE has spacious classrooms, well equipped laboratories and experienced faculty members. The department has got permanent affiliation from VTU and is accredited by NBA and NAAC. The department is recognized as research centre and got research grant from VTU.

Vision and Mission

Our Vision

To transform the students as leaders in Electronics & Communication Engineering to achieve professional excellence in the challenging world.

Our Mission

- To create an environment for the students to have strong academic fundamentals and enable them to be life-long learners.
- To provide modern tools to the students in the field of electronics and communication to meet the real-world challenges.
- To Develop Communication skill, leadership qualities, team work and skills for continuing education among the students.
- To inculcate Ethics, Human values for solving societal problems and environmental protection.
- Validate engineering knowledge through innovative research projects to enhance their employability and entrepreneurship skills.

Management, Principal, HOD & Staff Members congratulate to all the EC toppers of academic year 2018-19

UG TOPPERS LIST 2018-19 EVEN SEMESTER

Sl.No	USN's	Name	SGPA
4th Semester			
1	1NC17EC056	Neeraj Venkat	9.43
2	1NC17EC065	Pruthvi D	9.30
3	1NC17EC038	Harshitha.C	9.03
4	1NC17EC068	Rohith Kishan	9.03
6th Semester			
1	1NC16EC045	Meghanashree. J	9.50
2	1NC16EC070	Sareddy Jaswanth reddy	9.23
3	1NC16EC010	Bhavana. S	9.11
Final year Rank Holders -2015 Batch			
Sl.No	USN's	Name	CGPA
1	1NC15EC085	Sidda Rushitha	9.62
2	1NC15EC007	Aniket S Ambiger	9.46
3	1NC15EC010	Arab Sirisha	9.43

2019-20 ODD SEMESTER

Sl.No	USN's	Name	SGPA
3rd Semester			
1	1NC18EC064	Potham Setty Niranjan	9.56
2	1NC18EC073	Ramya Holla R	9.44
3	1NC18EC017	Chandrakanth N	9.28
5th Semester			
1	1NC17EC065	Pruthvi D	9.80
2	1NC17EC056	Neeraj Venkat	9.57
3	1NC17EC022	Dhanush Kumar M	9.30
7th Semester			
1	1NC16EC045	Meghanashree. J	9.65
2	1NC16EC010	Bhavana. S	9.53
3	1NC16EC087	Swathi. V	9.34



Department Activities



I. Faculty Workshops/FDPs participated:

- i) One-week Faculty Development Programme on "Labview for Engineering Applications" from 06.01.2020 to 10.01.2020
Inauguration of the function was held at Main block Seminar Hall.



Chief Guest Dr. Charles S, Max Eye Technologies, Dr. S G Gopala Krishna , Director- NES, Dr. SrikantaMurthy K, Principal- NCET, Dr. Kumar K, Dean - NCET, Dr. Harisha P, Vice Principal - NCET, Dr. Nagesh K N HOD- EC were present on the occasion. About 30 external participants from various Engineering colleges and 15 internal participants from different Departments of NCET Registered for the FDP.





Valedictory of FDP on LabVIEW for Engineering Applications held on 10.01.2020 organized by the department of Electronics and Communication Engineering.

Student Workshops / Seminar :



Robotic Application using TI Microcontroller from 16.9.2019 to 18.9.2019 under the banner of Robotic Club.



Department of Electronics and Communication Engineering has organized Three Day hands on workshop on Robotic application using TI Microcontroller under Robotic club from 16th to 18th September 2019. Dr. S G Gopala Krishna, Director NES, Dr. Srikantamurthy K Principal, NCET, Dr. K N Nagesh HOD ECE and Mr. Gaurav Business Head Edgate Technology (Associate Partners of Texas Instrument University Program) inaugurated the workshop on 16/09/2019. 50 students Registered and participated in the workshop.



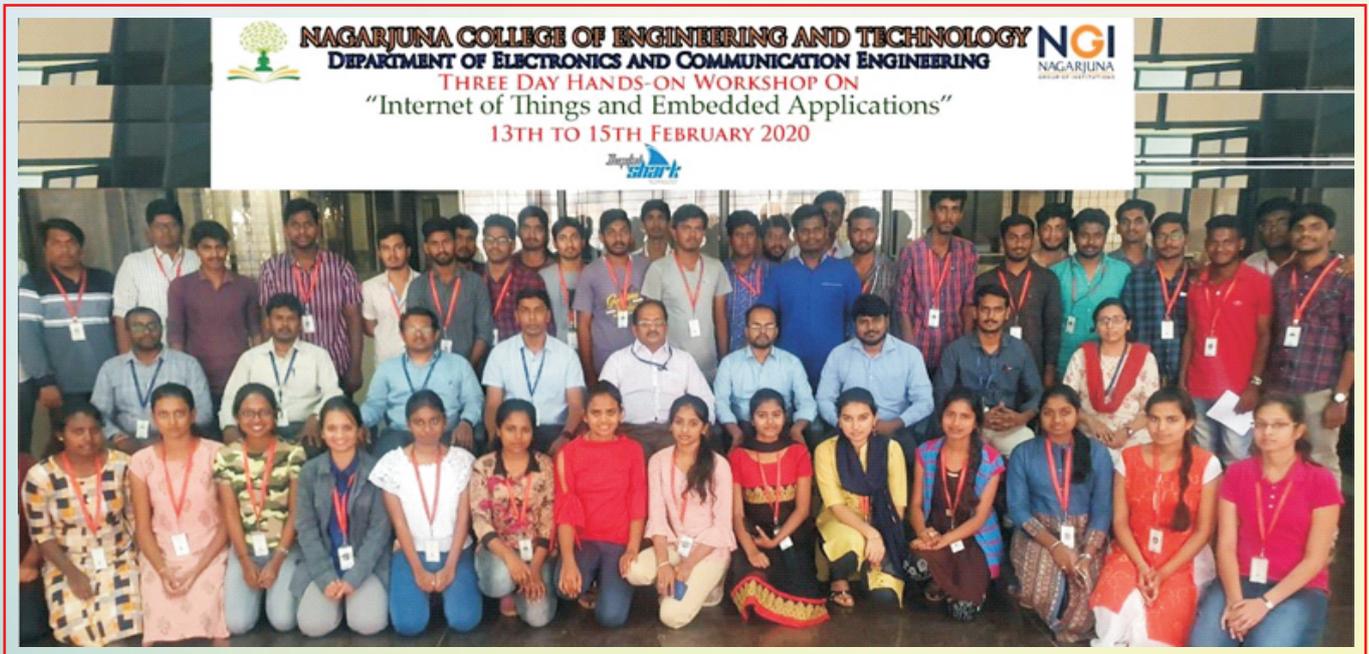
ECE Department in association with CSE Department has organized FOUR Days Hands on Workshop on IOT from 16th to 19th September 2019.



Dr. Srikantamurthy K Principal, Dr. Gururaj HOD CSE, Dr. K N Nagesh HOD ECE and Trainer from ATS INFOTECH inaugurated the workshop. 35 ECE students Registered and participated the workshop.



Department of Electronics and Communication Engineering has organized **three days hands on workshop on Internet of Things and Embedded Applications** from 13th to 15th February 2020.



Mr. Venkata Siddha Reddy, an alumnus of NCET, ECE 2010 Batch gave presentation on "Career Guidance and Opportunities in ECE" on 19.2.2020 during Student Induction Programme phase II.

Invited Talk: Invited talk on HAM (Amateur Radio)



Invited Talk on HAM (Amateur Radio) for the students and staff of ECE department was organized by Electronics and Communication Engineering department on 4th September 2019. The programme was inaugurated by Dr. Srikanta Murthy K, Principal, NCET, with other dignitaries and Chief Guest Dr.S.Sathyapal, Director, Indian Institute of HAM's."

IRDP and Report Writing classes

Dr. Girish has given presentation on IRDP program organized by department of Electronics and Communication.



Electronics Club

Under the guidance of Dr. Wilfred John Vaz , Department of Electronics and Communication introduced Electronics Club for 3rd and 5th semester students to do their AAT(projects).

Guest Lecture

Guest Lecture by Dr. Kishore kumar T, Professor, ECE Department, NIT WARANGAL.



Guest Lecture by Dr. Kishore Kumar T, Professor, ECE Department, NIT WARANGAL, on "Recent trends in Signal Processing and its Applications"* and "Research Proposals and Funding Agencies" was arranged by ECE Department on 28.2.2020.

AICTE ACTIVITY POINT PROGRAMME 1



Electronics & Communication Engineering Department Organized AICTE Activity Point Program at Chikkamarali Village, Chikkaballapura on 1st February 2020. More than 110, 4th semester ECE students participated in this Event.

AICTE ACTIVITY POINT PROGRAMME 2



Visit for "AICTE Activities Point Programme" Organized by ECE department at Beediganahalli village on 15th February 2020 for "helping local schools to achieve good result ". 30 ECE students along with faculty members were present.

Board Of Studies Meeting



Board of studies meeting was held on 2nd of July 2019 at ECE Department. Dr. Rajesh, Associate Professor from NMIT-Bengaluru, an external BOS member and all internal BOS members were present.

Parent Teachers Meeting



The Parent Teachers Meeting (PTM) was held in ECE Department on 29th February 2020 coordinated by Professor Dr. Premjyothi Patil and Associate professor Mrs. Bhavya V. 25 parents have attended the meeting, interacted with the counsellors and course teachers.

Fresher's Day



EC Fresher's Day "ELECTROWEEN" celebrated for 2019-20 Batch students on 16-10-2019.

Ethnic Day Celebration on 14.2.2020.



IEEE Membership Drive on 29.1.2020



IEEE Global Conferences for the Advancement in the Technology held during 18-20 October, 2019 at NCET

INDUSTRIAL VISIT

The objective is to provide us an insight regarding internal working of companies. We understand that theoretical knowledge is not enough for a successful professional career. With an aim to go beyond academics, industrial visit provides students a practical perspective of the work place.

INDUSTRIAL VISIT TO HAL (HINDUSTAN AERONAUTICS LIMITED) :



The Department of Electronics and Communication , Nagarjuna College of Engineering and Technology organized a one day industrial visit to " HAL Heritage centre", Bengaluru on 28/08/2019 for Third semester EC students..

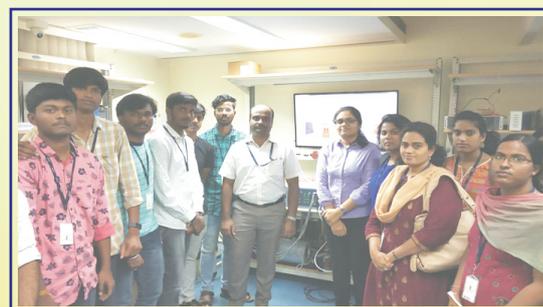
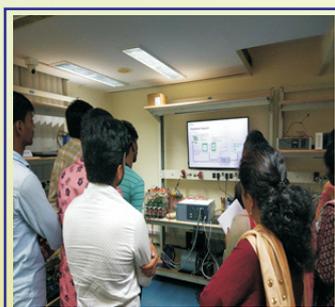
Photos from HAL Visit :



INDUSTRIAL VISIT TO "ENTUPLE TECHNOLOGIES

The Department of Electronics and communication Engineering, Nagarjuna college of engineering and technology organized a one day industrial visit to" Entuple Technologies" Bengaluru on 11/10/2019 for fifth semester EC students. Head Quartered at Bangalore, India, Entuple Technologies

Photos from Entuple Technologies :



RESEARCH AND DEVELOPMENT ACTIVITIES

PAPER PUBLICATIONS, GRANTS, CONFERENCES :

Conferences Attended Information Missing

Proposals Granted 2019-2020

- i) Dr. Nagesh K N (Coordinator) Professor & HOD ECE and Dr. ROHITH S Assoc. Professor, ECE (Co- Coordinator) of ECE Department Received Funds worth of 18Lakh from AICTE, New Delhi under MODERNISATION & REMOVAL OF OBSOLESCENCE to Setup “Semiconductor and Electronics System Design LAB (SESDL)” for the academic Year 2019-2020.
- ii) Dr. H Venkatesh Kumar Professor, ECE Department and his Final year Project Batch Received Funds worth of 6000/- from Karnataka State Council For Science And Technology (KSCST) for the proposal title “HAM Radio(amateur radio) Used for Transmitting / Receiving Agriculture Market information and early warning communications for emergency situations in remote Village areas” for the Academic year 2019-2020
- iii) Dr. ROHITH S Assoc. Professor, ECE Department and his Final year Project Batch Received Funds worth of 5500/- from Karnataka State Council For Science And Technology (KSCST) for the proposal title “Smart assistive shoes and cane to guide visually challenged people” for the Academic year 2019-2020.

Books published .:

- Dr.Premjyoti Patil, Dr.Shantakumar Patil " Computer Peripheral and its Organisation: A Teacher Handbook ", 1st Edition, 2020, ISBN-13, 979-8631389250.

2) NPTEL Swayam Courses completed.

- i) Dr. Venkatesh Kumar completed a 12-week online NPTEL course on “quantum computing’.
- ii) Dr. ROHITH S completed a 12-week online NPTEL course on “Cryptography and Network Security certification’.

Workshops and FDPs attended:

- i) Mr.Vinaya Kumar S R participated in the Short term training programme on Advance control engineering and simulation using MATLAB and Simulink tools at GCE Ramanagara during 26th -31st August 2019.
- ii) Dr.Venkatesh Kumar participated and completed AICTE training and learning academy online FDP on “Artificial Intelligence” from 11-05-2020 to 15-05-2020 at university institute of engineering and technology, Kurukshetra University Kurukshetra.



On behalf of NCET Management, Principal Dr. Srikanta Murthy, Vice Principal Dr. P Harisha and Dr. Nagesh K N, HOD ECE, We congratulate Dr. Basavaraj.G.M and Dr. Rohith.S on their successful completion of PhD in Image Processing.



Mr.Kasetty Rambabu, Assistant Professor of ECE successfully registered Ph.D under VTU for the year 2019 under the guidance of Dr.Bhargavi S



Mr.NandaKishore, Assistant Professor of ECE successfully PhD completed course work exam under VTU for the year 2020 under the guidance of Dr Vaibhav A Meshram.



Mrs. Souparnika Jadhav, Assistant Professor of ECE successfully completed PhD comprehensive Viva under VTU for the year 2019 under the guidance of Dr Nagesh K N.



Dr.PremJyothi Patil was in charge of Session Chair in IEEE GCAT.

- Dr.Premjyothi Patil registered Patent on Decision Rule Based Supervised Machine Learning for Power Quality Application, Application number: 202021003176, Publication date: 21.02.2020.

PATENT OFFICE
INTELLECTUAL PROPERTY BUILDING
S.M. Road, Antop Hill, Mumbai-400 037
Te No. 091110227 24141026 FAX No. 02 24130387
E-mail : mumbai.patent@ipc.in
Web Site : www.ipindia.gov.in



Date/Time : 2020/03/20 11:03:20
Agent Number:

Docket NO : 19478
To
DR. H. VENKATESH KUMAR AND DR. NAGESH K.N.
A1-304, C/O SHREYANS SOCIETY, PUNAWALA, PUNE - 411033, MAHARASHTRA, INDIA.

Sr. No.	CBR Number	Reference Number /Application Type	Application Number	Title/Remarks	Amount Paid	Amount Computed
1	8668	ORDINARY APPLICATION Pages:-4 , Claims:-5,Drawings:-1,Abstract:-1,Claims pages:-1	202021012029	ATTRIBUTE BASED DISCOVERY ARCHITECTURE FOR DEVICES IN INTERNET OF THINGS (IoT)	1750	1750
2		E-2/650/2020-MUM	202021012029	Form2	0	0
3		E-3/4211/2020-MUM	202021012029	Form3	0	0
4		E-5/545/2020-MUM	202021012029	Form5	0	0
5	8668	E-12/414/2020-MUM	202021012029	Form9	2750	2750
Total Amount					4500	4500

Received a sum of Rs. 4500 (Rupees Four Thousand Five Hundred only) as under

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Cash	---	---	---	4500

Note: This is electronically generated receipt hence no signature required.

Patent filed by Dr.H.Venkatesh Kumar, Professor ECE & Dr. Nagesh HOD of ECE, waiting for publication. Title: Attribute based Discovery Architecture for Devices in internet of Things (IoT).

STUDENT ACCOMPLISHMENTS



conference on IEEE based edge



Mr. Neeraj Venkat attended workshop on blockchain held at IISC bangalore February, 2020



Mr. Neeraj Venkat attended IEEE seminar on VLSI test design on September 21st and 22nd, 2019. This was held in BMSCE.



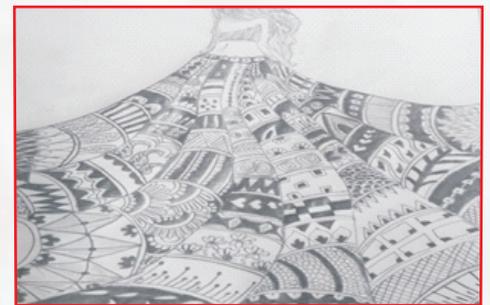
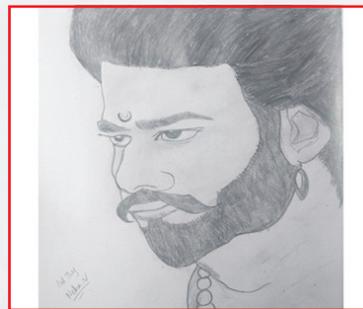
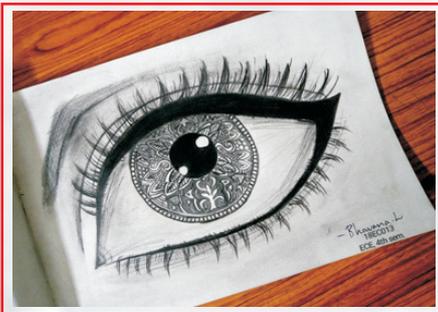
4th semester ECE students along with Professor Dr. Rohith S participated “Jnana Vignana Tantragnana Mela-2020” on 19th and 20th Feb 2020 at Adichunchanagiri University.

Ms.Bhavana L participated in Internet of things workshop at IIT BOMBAY

Pencil Sketch & Paintings by EC Students

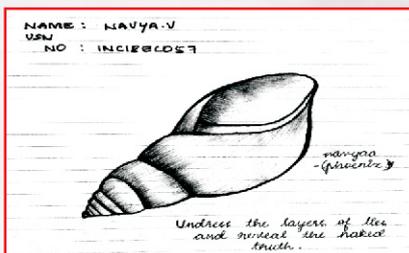


PENCIL SKETCH BY TEJASWINI P INC18EC092 (4th semester)



PENCIL SKETCH BY
Bhavana L INC18EC013
(4th semester)

PENCIL SKETCH BY NEHA V [INC17EC057]



PENCIL SKETCH BY
NAVYA.V INC18EC057
(4th semester)

PENCIL SKETCH BY
N.ABHILASH
INC18EC056 (4th
semester)

PENCIL SKETCH BY NAYANA
INC16EC051

PAINTING BY NEHA V INC17EC057 (6th semester)



Poetry by EC Students

ಹೆಣ್ಣು

ತನ್ನ ಸೋಪುಗಳನ್ನು ಬಣ್ಣಾಂತಿ
 ಮುನುಷ್ಯಗಳನ್ನು ಸಹಾ ಬಿಡುತ್ತಾ
 ಲಘುತೆಯ ಬಿಡುಮುಯಂತೆ
 ನಿರಂತರ ಮುನುಷ್ಯವರ್ಗದ ಹೆಣ್ಣು
 ಜನಾಭಿಮಾನದ ಹೊರ ಹೊತ್ತು
 ವ್ಯಾಧಿಯನ್ನು ಮಿಚ್ಚಿ ನಿಂತು
 ಇತರರ ನಲವ ಸೋಡುತ್ತಾ
 ಯಂದಹಾಕ ಬಿಡುವವರ್ಗದ ಹೆಣ್ಣು
 ಕಷ್ಟ ಕಾಲದಲ್ಲಾ ದಿವ್ಯ ತನವ ತೋರಿ
 ಜನದ ಸಹಾಯ ಯಥಾವ ಸಾಲ
 ಪ್ರಕೃತಿಗಾಗಿ ತನ್ನ ಸುಖ ಹೊರೆಯನ್ನು
 ತ್ಯಜಿಸಿದ ಪ್ರಾಣಮಾರ್ತಿಯೇ ಹೆಣ್ಣು

Poetry by Ms. Bhavana L
 INC18EC013 (4th semester)

I wish to lie on the
 land of sand. For the
 sake it to do is to
 recollect the memories!

So that it shall take
 rebirth and reside
 outside the range of
 sniffs off !!!

She seems like a threshold
 of counselor, at a part of
 flight. Don't you feel ???

She is one who puts questions
 for many answers! and also
 she drinks away many
 questions through answers
 at a chaotic disorder.

Though she is a state of
 ignorance but a wild
 quest of happiness.

POETRY BY NAVYA.V INC18EC057 (4th
 semester)

Silence in her is flowing
 thoroughly with not
 strength !!!

She is prolonged voice
 which I do can hear
 her calling from the
 farthest end of the valley !!!

I wish to unite along
 her as start with fades in
 sky. stars that fade away.
 But the presence of her !!!

- Phoenix

Poetry by M Bhavana L INC18EC013th (4th semester)

NIGHT & DARKNESS

Have a look at the dark.
 she is misty, calm, quiet
 silent, but still weird.
 why is??

Is she furious about me?
 Make a noise, wake her
 up. I'm really scared.
 But wait a minute !!!

Let me take a bit time
 to sip the quality of
 her silence, the secret
 of her quietness !!!

She seems like pleasant
 town with plentiful
 supply of satisfaction with
 which you desire to do !!!

Meanwhile, she has nature
 of shining brightly with
 flashes of light and also
 with a loud humming noise.

I wish to lie on the
 land of sand. For the
 sake it to do is to
 recollect the memories!

So that it shall take
 rebirth and reside
 outside the range of
 sniffs off !!!

She seems like a threshold
 of counselor, at a part of
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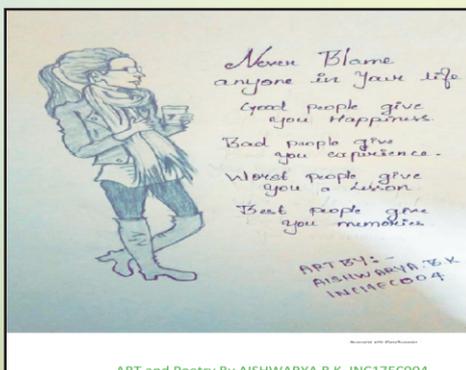
Silence in her is flowing
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She is prolonged voice
 which I do can hear
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 farthest end of the valley !!!

I wish to unite along
 her as start with fades in
 sky. stars that fade away.
 But the presence of her !!!

- Phoenix

POETRY BY NAVYA.V INC18EC057 (4th semester)



ART and Poetry By AISHWARYA B.K INC17EC004



PENCIL SKETCH BY Swarnali Das INC18EC057





COVID-19 awareness spread by NCET students.

Alumini Talk

Mr. Avinash Sanjay Associate Consultant TCS Alumnus of NCET ECE 2006 Batch giving presentation for 1st year students about Career guidance and opportunities in ECE on 19.2.2020 as part of Student Induction Programme phase II.



Mr. Venkata Siddha Reddy, an alumnus of NCET, ECE 2010 Batch gave presentation on "Career Guidance and Opportunities in ECE" on 19.2.2020 during Student Induction Programme Phase II.

SPORTS



Mr.R Avinash, First Semester EC Student won Gold Medal in 87+Kg TAEKWONDO in Single Zone tournament Organised by Visvesvaraya Technological University at Global Academy of Technology, Bangalore.



NCET bagged Runner up Trophy in the Faculty Cricket Tournament held at RLJIT, Doddaballpura.



Indian Faculty Cricket team represented by Nagarjuna College of Engineering and Technology, Bengaluru, won International PES University cricket tournament 2020 against Sri Lanka, represented by Colombo university by 62 runs. Hearty congratulations to NCET Faculty Cricket team.

Alumini Talk

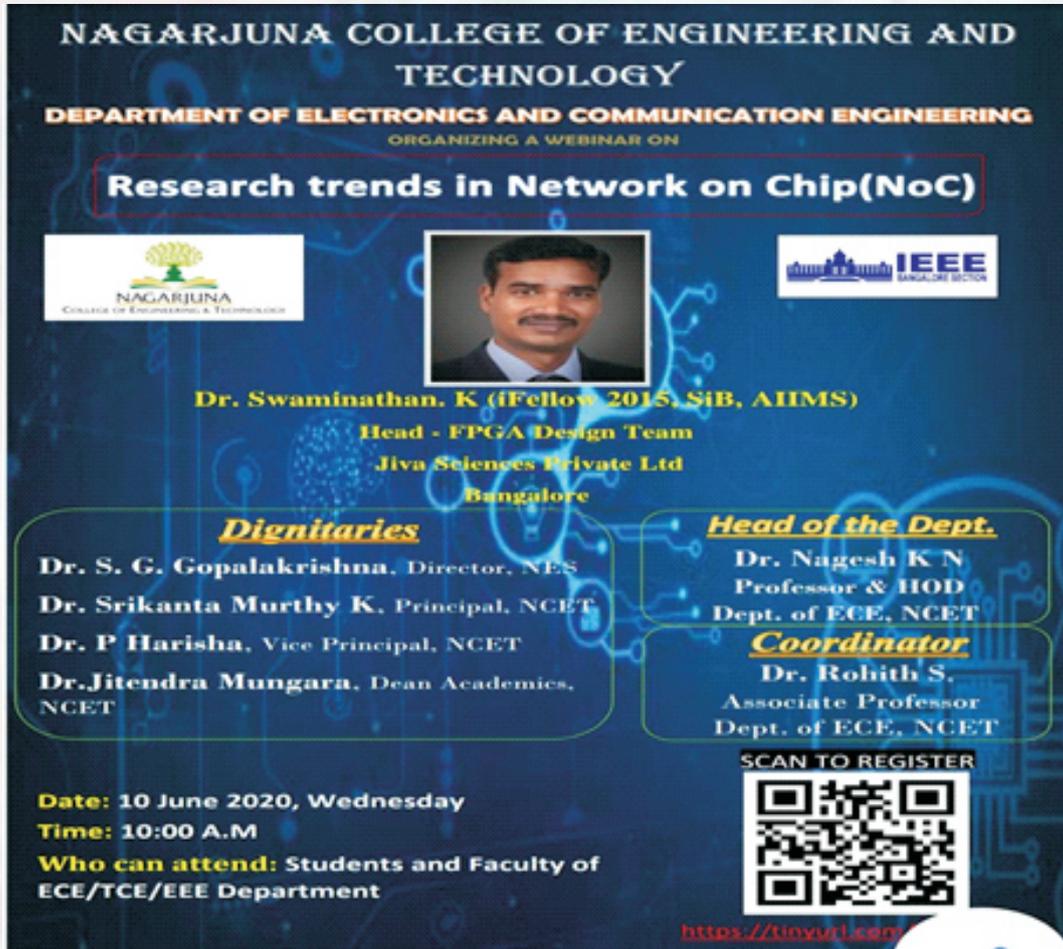


Mr.Avinash Sanjay Associate Consultant TCS Alumnus of NCET ECE 2006 Batch giving presentation for 1st year students about Career guidance and opportunities in ECE on 19.2.2020 as part of Student Induction Programme phase II.

ACTIVITIES DONE DURING LOCKDOWN

Webinars :

- i) One day Webinar on “**Research Trends in Network On Chip (NoC)**” was held virtually through ZOOM app and YouTube on 10.06.2020 organized by the department of Electronics and Communication Engineering.



NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ORGANIZING A WEBINAR ON

Research trends in Network on Chip(NoC)

Dr. Swaminathan. K (IFellow 2015, SiB, AIIMS)
Head - FPGA Design Team
Jiva Sciences Private Ltd
Bangalore

Dignitaries

- Dr. S. G. Gopalakrishna, Director, NES
- Dr. Srikanta Murthy K, Principal, NCET
- Dr. P Harisha, Vice Principal, NCET
- Dr. Jitendra Mungara, Dean Academics, NCET

Head of the Dept.
Dr. Nagesh K N
Professor & HOD
Dept. of ECE, NCET

Coordinator
Dr. Rohith S,
Associate Professor
Dept. of ECE, NCET

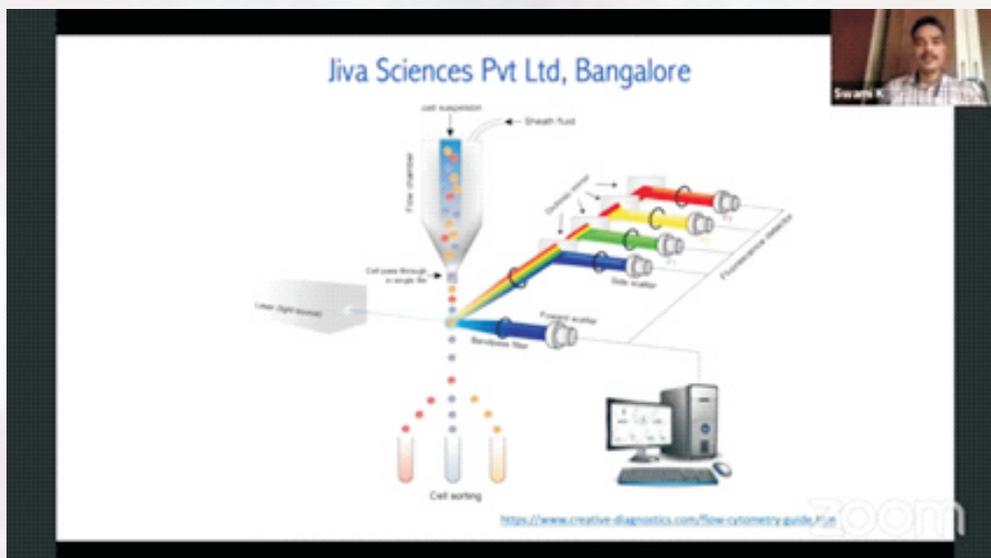
SCAN TO REGISTER



Date: 10 June 2020, Wednesday
Time: 10:00 A.M
Who can attend: Students and Faculty of ECE/TCE/EEE Department

<https://tinyurl.com>

Resource person: Dr. Swaminathan K, Head- FPGA Design Team , Jiva Sciences Pvt Ltd, Bengaluru, delivered a beneficial webinar on " **Decoding Trends Of Machine Learning and Artificial Intelligence** was arranged by ECE Department on 10. 06 .2020.



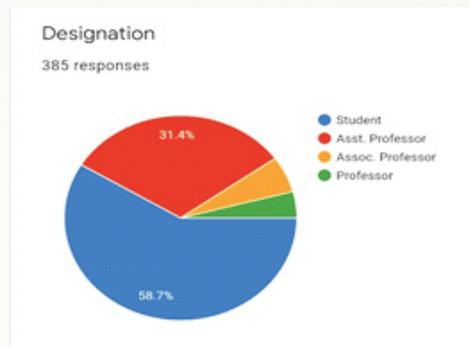
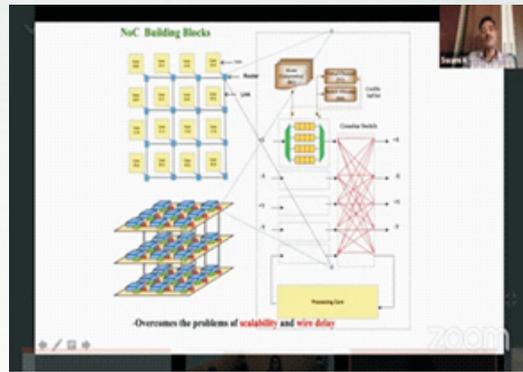
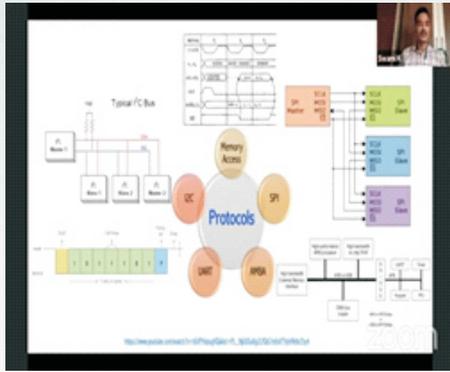
Jiva Sciences Pvt Ltd, Bangalore

Cell suspension → Sheath fluid → Flow cytometer → Cell sorting

Cell sorting

<https://www.creative-diagnostics.com/flow-cytometry-guide.pdf>





i) One day Webinar on “Decoding Trends Of Machine Learning and Artificial Intelligence” was held virtually through ZOOM app and YouTube on 16.07.2020 organized by the department of Electronics and Communication Engineering.

Webinar On
DECODING TRENDS OF MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE

GUEST SPEAKER:
MOHAMED NASIR QURESHI
 M.SC. STATISTICS AND ECONOMICS
 SHIV NADAR UNIVERSITY

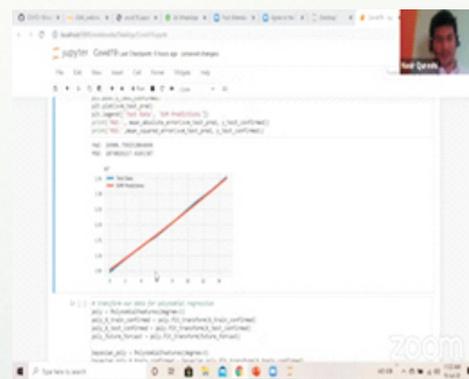
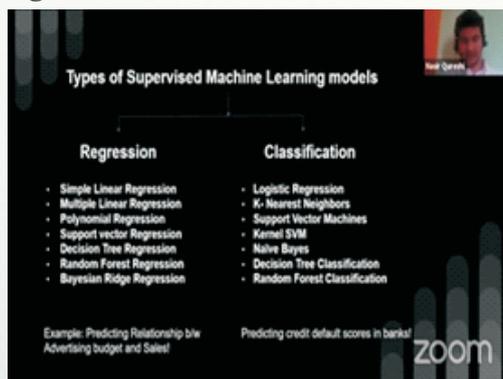
DIGNITARIES:
 DR. S. G. GOPALAKRISHNA, DIRECTOR - NES
 DR. SRIKANTA MURTHY, PRINCIPAL, NCET
 DR. JITENDRA MUNGARA, DEAN, NCET
 DR. P. HARISHA, VICE PRINCIPAL, NCET
 DR. NAGESH K N, PROFESSOR AND HOD, NCET

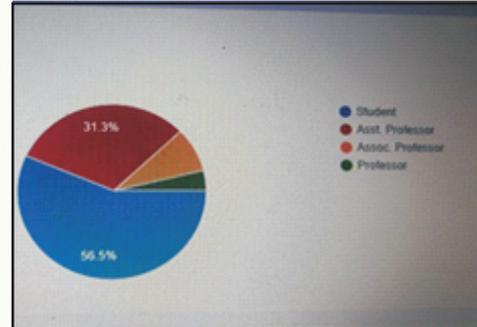
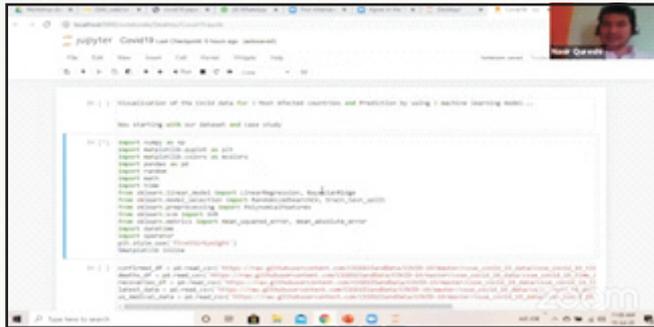
CONVENER:
 DR. S. SURESH, ASSOCIATE PROFESSOR, NCET

COORDINATORS:
 MR. VINAYKUMAR, ASST. PROF. ECE
 MS. JYOTHI, ASST. PROF. ECE

16/07/2020 10:30 AM

Guest Lecture by Mohammed Nasir Qureshi, Professor, Department of Technology Asian Institute of Design , Bangalore provided utilitarian information on " Decoding Trends Of Machine Learning and Artificial Intelligence .





Guest speaker Mohammed Nasir Qureshi - Department of Technology Asian Institute of Design, Dr. S G Gopala Krishna , Director- NES, Dr. Srikanta Murthy K, Principal- NCET, Dr. Jitendra Mungara, Dean Academics - NCET , Dr. Kumar K, Dean - NCET, Dr. Harisha P, Vice Principal - NCET, Dr. Nagesh K N HOD- EC were present on the occasion. About **250** external participants from various Engineering colleges and **60** internal participants from different Departments of NCET registered for the Webinar virtually.

Webinar “Adversity Quotient: Shifting Adversities into Opportunities” was held virtually through ZOOM app and YouTube on 04.07.2020 organized by the Nagarjuna College of Engineering and Technology, Bengaluru.

WEBINAR ON
Adversity Quotient : Shifting Adversities into Opportunities

Dr. S G Gopala Krishna
 Director,
 Nagarjuna Education Society.

4 JULY
TIME : 11 AM

Registration Link: <http://tiny.cc/t8pkrz>
 *Free Registration

Conveners :
 Dr Mamatha G
 Director, Dept of Training and Placements,
 NCET, Bangalore, Karnataka.
 9945744833
 Dr. Yogeesh H C
 COE & Prof. in Mechanical Engineering,
 NCET, Bangalore, Karnataka.
 94487 37620

Speaker details: **Dr. S G Gopala Krishna, Director, Nagarjuna Education Society**

http://www.ncet.co.in

Nanda Kishore

01:36:43

Webinar Series **Adversity Quotient : Shifting Adversities into Opportunities**
Dr. S G Gopala Krishna, Director, NES, Bengaluru

ncet.co.in

Information vs Knowledge

- T. N. Sheshan
- Akshay Kumar
- Camphor Ball & Alum

Webinar on AQ - Dr. S G Gopala Krishna, 11.07.2020

Adversity Quotient : Dr. S G Gopala Krishna, Director, NCET, Bengaluru.

http://www.ncet.co.in

Webinar Series **Adversity Quotient : Shifting Adversities into Opportunities**
Dr. S G Gopala Krishna, Director, NES, Bengaluru

http://www.ncet.co.in

Humanity

Ivan Fernandez
Spain

Abel Mutai
Kenya

Webinar Series **Adversity Quotient : Shifting Adversities into Opportunities**
Dr. S G Gopala Krishna, Director, NES, Bengaluru

http://www.ncet.co.in

Life is not always perfect,
there is always a possibility
for a problem.

The problem is not the end,
but it's the beginning of
a different life.

Webinar Series **Adversity Quotient : Shifting Adversities into Opportunities**
Dr. S G Gopala Krishna, Director, NES, Bengaluru

http://www.ncet.co.in

Closing Remarks

No one is perfect

Remember that each day,
each step in our journey,
is a chance to get a little better

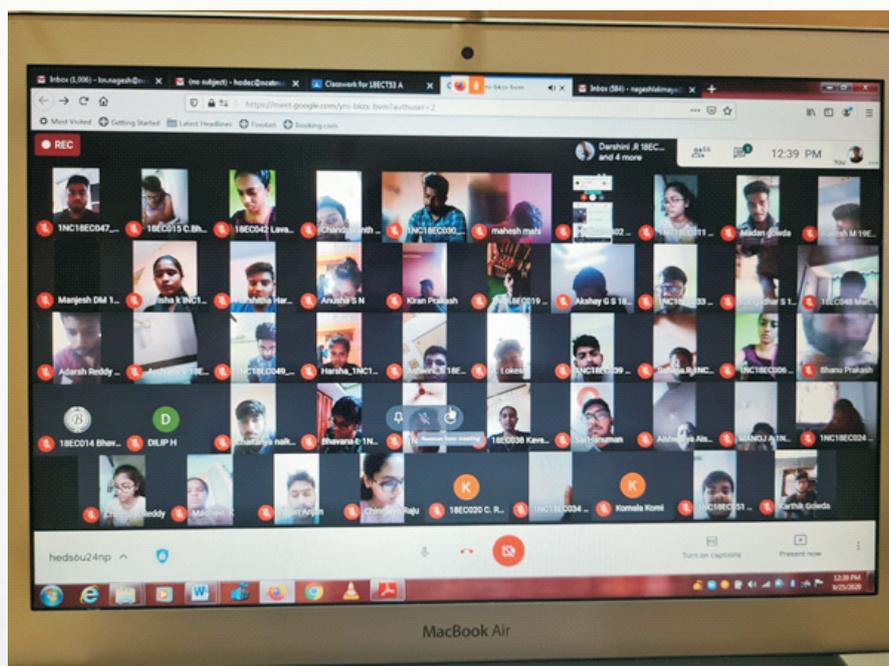
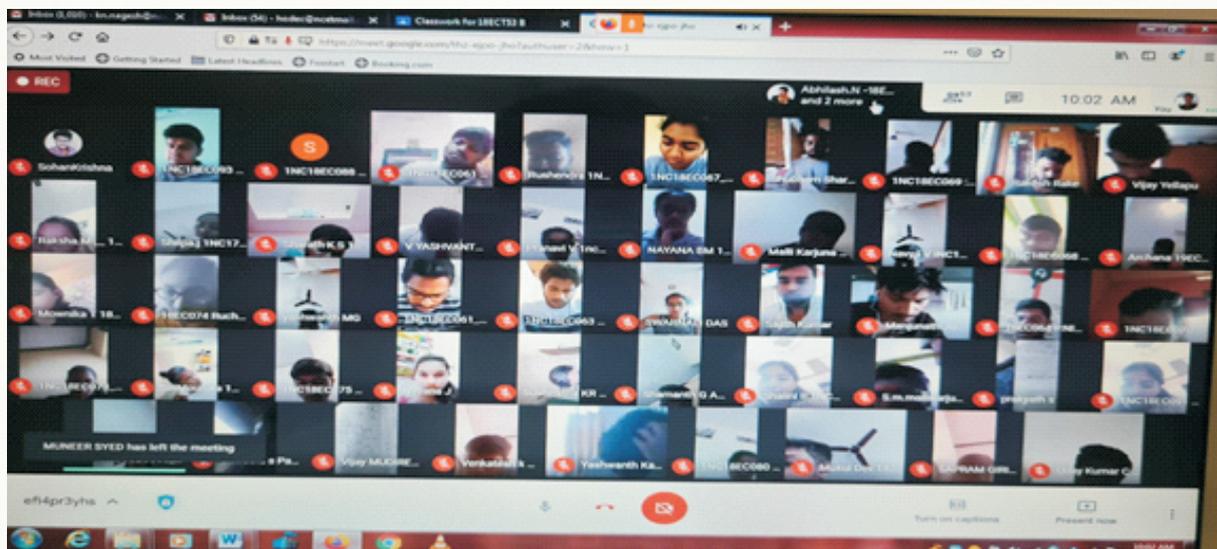
Wish you all the best

Webinar Series **Adversity Quotient : Shifting Adversities into Opportunities**
Dr. S G Gopala Krishna, Director, NES, Bengaluru

Guest speaker- : Dr. S G Gopala Krishna, Director, Nagarjuna Education Society delivered motivational talk on Shifting Adversities into Opportunities and it was really inspiring for most of the participants. Dr. Srikanta Murthy K, Principal- NCET, Dr. Jitendra Mungara, Dean Academics - NCET , Dr. Kumar K, Dean - NCET, Dr. Harisha P, Vice Principal - NCET, Dr. Nagesh K N HOD- EC were present on the occasion. About **200** external participants from various Engineering colleges and **60** internal participants from different Departments of NCET registered for the Webinar.

Online Classes Conduction:

Due to the current Pandemic situation, classes were conducted through Online on different Digital Learning Platforms in efficient and effective way. This new age of technology has helped us use digital devices in many fields, including education, which also helped spread e-learning platforms and distance education. One way technology has benefited education is the emergence of virtual labs. Virtual labs are virtual environments designed for various experiments, through them the real science lab is simulated to link the practical side with the theoretical side.



Provide the synchronization between the process of explaining the theoretical ideas and practical application, just as real laboratory experiments are linked to theoretical lectures.

PLACED STUDENTS EC 2019-2020



Name: Mr. JEEVAN R SHETTY
USN: INC16EC027
Company: Wipro
Designation: Project Engineer



Name: Mr. JASWANTH REDDY
USN: INC16EC070
Company: Sonata Software
Designation: Trainee System Analyst



Name: Mr. Indukuri Goutham sanjay Varma
USN: INC16EC025
Company: ITC InfoTech
Designation: Software Trainee



TATA CONSULTANCY SERVICES



Name: Mr. Indukuri goutham sanjay varma
USN: INC16EC025
Company: TCS
Designation: Assistant System Engineer



Name: Ms. Meghnashree. J
USN: INC16EC045
Company: TCS
Designation: Assistant System Engineer



USN: INC16EC057
Company: TCS
Designation: Assistant System Engineer



Name: Ms. Sowmyashree P
USN: INC16EC081
Company: TCS
Designation: Assistant System Engineer



Name: Mr. Sushmitha K.R
USN: INC16EC086
Company: TCS
Designation: Assistant System Engineer



Name: Mr. P Maharshi naveen
USN: INC16EC058
Company: TCS
Designation: Assistant System Engineer



Name: Mr. Obinaboina vengaiiah
USN: INC16EC055
Company: TCS
Designation: Assistant System Engineer



Congratulations From Management, Principal and HOD ECE



 Name: Mr. Yerragunta vijaya chandra reddy USN: INC16EC099 Company: Cognizant Designation: Software Developer	 Name: Ms. Vismaya M USN: INC16EC094 Company: Cognizant Designation: Software Developer	 Name: Mr. Irfan Khan USN: INC16EC026 Company: Cognizant Designation: Software Developer	 Name: Ms. Krithika M USN: INC16EC036 Company: Cognizant Designation: Software Developer	 Name: Mr. Nalimela Pranay USN: INC16EC050 Company: Cognizant Designation: Software Developer	 Name: Mr. Sujeeth Gowda C J USN: INC16EC084 Company: Cognizant Designation: Software Developer	 Name: Ms. Swathi V USN: INC16EC087 Company: Cognizant Designation: Software Developer	 Name: Ms. Vaishnavi D USN: INC16EC090 Company: Cognizant Designation: Software Developer
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 Name: Ms. Vismaya M USN: INC16EC094 Company: L&T InfoTech Designation: Graduate Engineer Trainee	 Name: Ms. Rashmi K.R USN: INC16EC062 Company: L&T InfoTech Designation: Graduate Engineer Trainee
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 Name: Mr. Manusani Harsha Vardhan USN: INC16EC043 Company: DXC Designation: Associate Software Engineer	 Name: Ms. Shridevi prabhugol USN: INC16EC076 Company: DXC Designation: Associate Software Engineer	 Name: Mr. Karthik S USN: INC16EC031 Company: DXC Designation: Associate Software Engineer	 Name: Yashwanth.P USN: INC16EC097 Company: NTT Designation: Associate Software Engineer
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 Name: Ms. Meghashree USN: INC16EC046 Company: NTT Designation: Service IT Senior Associate I	 Name: Ms. Roshan Bhanu USN: INC16EC064 Company: NTT Designation: Service IT Senior Associate I	 Name: Ms. Meghana R USN: INC16EC044 Company: NTT Designation: Service IT Senior Associate I	 Name: Ms. P. Sravani USN: INC16EC059 Company: NTT Designation: Service IT Senior Associate I
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