



# Bapatla Engineering College

AUTONOMOUS BY ACHARYA NAGARJUNA UNIVERSITY

Sponsored By Bapatla Educational Society

## SAMVEDAN

A NEWSLETTER OF JANUARY- MARCH 2021 VOLUME-III ISSUE-III

**Editor's message:** It is a matter of pride as well as pleasure to present before our readers the College Newsletter Samvedan, 2021. We feel honoured for the faith reposed in us for performing the role of editors of college Newsletter. We have put whole-hearted endeavours to give a complete and kaleidoscopic view of laudable achievements of different departments of our college. Through further issues, we do hope that we will come up to the expectations of our readers. Your constructive suggestions are always solicited. We welcome your valuable comments which may be mailed at [becnewsletter@becbapatla.ac.in](mailto:becnewsletter@becbapatla.ac.in)

### Editorial Board

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Dr V. Damodar Naidu, Principal

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V. Sanjay Coordinator/Awaaz

A. Siva Rama Krsihna Coordinator/CCA

### REPUBLIC DAY CELEBRATIONS





# DEPARTMENT EVENTS

## CIVIL DEPARTMENT



Mr P.L.N.Raju, Director, NESAC, Shillong addressing the audience in the Guest lecture on "Space Technology and Applications with Special Emphasis in Civil Engineering" on 29th Jan, 21



Field visit to new railway track near Appikatla for collecting the samples of Soil Testing on 1st Feb, 2021



An awareness program by IV B.Tech students on the occasion of "Worlds Water Day" on 23rd February, 2021



Interactive session with Alumni of 2011-2015 batch students on 5th Feb, 2021



## C.S.E DEPARTMENT

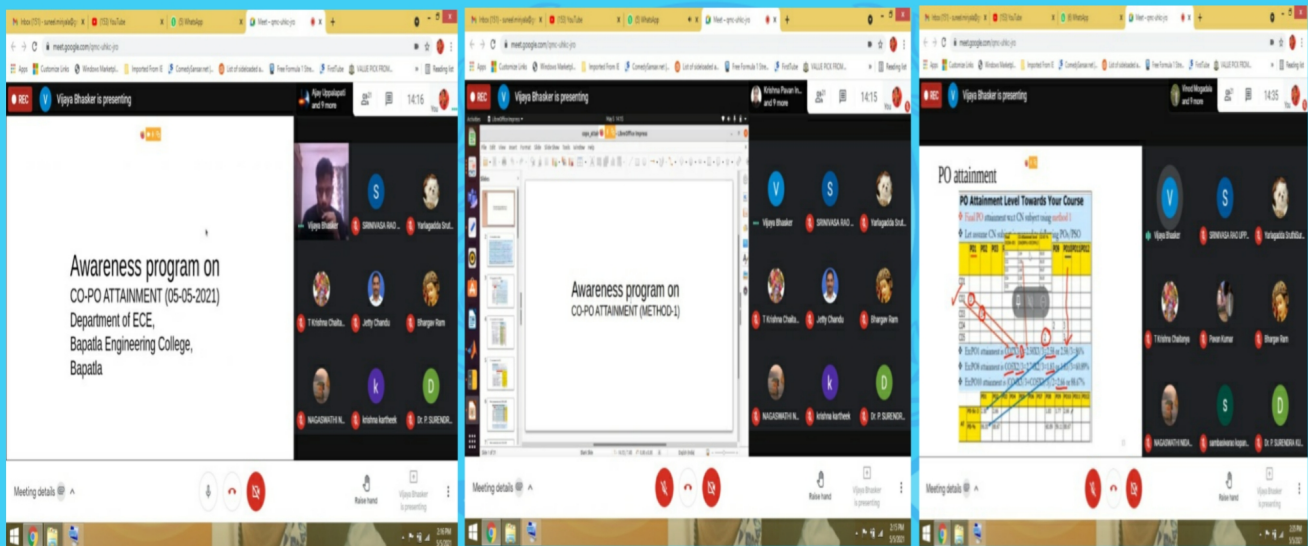


A workshop on "Building APIs with Django" organized by Department of Computer Science and Engineering on 20th March, 2021. Krishna Manohar, CAW Studios was the resource person for the event & Prof. V. Chakradhar, Dept. of CSE acted as coordinator of this worksho

## E.C.E DEPARTMENT



Events organized by the Department of ECE  
 Department of ECE has conducted Webinar on Alumni Interaction on 13 March, 2021  
 by R. H. Karthik, D. Likitha, Sh. T. Hussain  
 Department of ECE organized a One Day Workshop on Application Development Using  
 Universal IoT trainer kit by the resource persons Md. Nabi Shareef, Process Engineer &  
 Mr. P. D. V. Ramana, Technical Support Engineer, Physitech Electronics Secunderabad  
 on 31 March, 2021



A Webinar was organized on Awareness Program on CO-PO Attainment by Mr. A. Vijaya Bhaskar, Assistant Professor of ECE Department on 5th May, 2021

## E.E.E DEPARTMENT



LEO GLOBAL OVERSEAS conducted a seminar in EEE department for final year students to guide students to the best institutions in overseas on 19 March, 2021 organized by Dr. B Vijay Krishna and Sai Goutham Golive



## E.E.E DEPARTMENT



Dr.K.Ramesh & Mr.M.Sivarama krishna organized A Virtual Visit on "Over View of 400/220 KV Substation" on March 22, 2021 at GEB Conference Hall by the resource person Mr. P.Vamsi Krishna, Assistant Engineer, Pune, Maharashtra



Smt.K.Kamaladevi, Smt. M.Nagendra and Smt.D.Nagalakshmi organized a guest lecture on Empowering Teens through Health by Dr. Shoba Paul, MD, PGDFM Professor & Head, Dept. of Microbiology, Dr.VRK Women's Medical College, Hyderabad on 6 March, 2021.

## I.T DEPARTMENT



Mr. Venu Gopal Annamaneni, Senior Vice- President, Engineering & Product from Bangalore, is interacting with audience in a one day seminar on "Emerging Technologies in Web Application Development" on 27-03-2021.



## MECHANICAL DEPARTMENT



Mechanical Engineering Department Organized One Day Orientation Program to I B.Tech Students on 24 February, 2021 by Dr. T Nancharaiah, Professor & HOD of Mechanical Department.

Mechanical Department Organized One Day Orientation Program and celebrated Fresher's party on 2 March, 2021

Mechanical Department Organized A Webinar on Power Scenario of The Country – Emerging Trends on 27 March, 2021 by the resource person Shri. M. Prasanna Kumar, Managing Director, Gujarat State Electricity Corporation Limited (GSECL), Vadodara, and the program was coordinated by Sri. M. Pardha Saradhi & Sri. M. Subrahmanyam.



## FACULTY ACHIEVEMENTS

- Dr T. Chandrasekhar Rao has published a paper on "Durability Performance of Binary Blended Geopolymer Concrete", in Lecture Notes in Civil Engineering, Springer Nature, SJR=0.108, Impact Score=0.27
- Dr Ch. Naga Satish Kumar has Published a paper on" Influence of fly ash on hydration compounds of high-volume fly ash concrete", in the journal of AIMS Materials Science, Scopus. Vol 8(2), May 2021, 301-320.
- Prof. T. Phani Madhavi, Received "Women Researcher Award" and Certificate of Achievement in International Scientists Awards on Science, Engineering and Medicine held on 11 & 12 Feb 2021, Pondicherry, India organized by VDGGOOD Technology Factory.
- Prof. T. Phani Madhavi acted as Resource Person and delivered an Expert Lecture on "Environmental Geotechnics for the Protection of Environment" in the AICTE - ATAL- FDP on Geo-environmental Engineering for Solid Waste Management during 4th -8th Jan 2021 organized by National Institute of Technology Karnataka, Surathkal
- Prof. T. Phani Madhavi acted as Resource Person in the AICTE Sponsored one week online STTP on "A Beeline for Circular Economy through Sustainable Waste Management" organized by Department of Civil Engineering, K.S.R. College of Engineering, Tamilnadu
- Prof. T. Phani Madhavi acted as Guest Speaker and Received Certificate of Appreciation from Radha Krishna Institute of Technology and Engineering for the webinar on "Eutrophication of Waterbodies" organized by Department of Civil Engineering, RITE, Bhubaneswar on 13th January 2021.
- Prof. T. Phani Madhavi received a letter of appreciation for reviewing the paper on "Mosul Dam problem and stability" in the journal Scientific Research Publishing on 11 Feb, 2021
- Prof. T. Phani Madhavi has Participated in Virtual Quiz Competition "CIVIC BRAIN" Organized by Parul Institute of Engineering and Technology, Faculty of Civil Engineering Department in association with Technical Event Cell, Parul University, on January 21, 2021, Vadodara and secured 100%
- Prof. T. Phani Madhavi, received Reviewer Certificate for the paper entitled "Evaluation Of Daily Available Energy On Pv Array From Estimated Daily Global Solar Radiation At Sirinka, Ethiopia" from American Journal of Engineering and Applied Sciences, on 1st February 2021
- Yeswanth Paluri from the department of Civil has published a paper on "Evaluation of a Clayey Soil Stabilized by Calcium Carbide Residue as Pavement Subgrade." In the jornal of Transportation Infrastructure Geotechnology (2021): 1-14.
- S. Ganapathi Prasad from the department of Civil has presented a pepaer in national conference paper on "Optimisation Of Real Time Reservoir Opearation Using ANFIS " ITHES 2021.
- S. Ganapathi Prasad from the department of Civil has published a paper on "real time optimal crop planning using linear programming- a case study" PENSEE, ISSN 0031-4773.
- Prof. V. Chakradhar, Dept. of CSE acted as coordinator for the workshop on "Building APIs with Django" organised by department of CSE on 20th March 2021.
- Prof. V. Chakradhar, Dept. of CSE acted as coordinator for the workshop on "Career Opportunities and Challenges for Fresher's" organised by department of CSE on 13<sup>th</sup> February, 2021.
- Prof. N Sudhakar, Dept. of CSE acted as coordinator for the AICTE workshop on "SPDP Employability and Skill Development Program" held from March 3rd to 13th, 2021.
- Dr. S. Rama Krishnaa, Sankara Rao Majjib, Sajja Krishna Kishore, Dr. Sushma Jaiswald, Anusha Linda Kostka J Eeand Dr. Arun Singh Chouhan, published a paper on "Optimization Of Time-Driven Scheduling Technique For Serverless Cloud Computing" in Turkish Journal of Computer and Mathematics Education, Vol.12 No.10 (2021), 3521-3528, <https://doi.org/10.17762/turcomat.v12i10.5035>.



- Dr S. Rama Krishna, Dr. S.V. Vasantha , K. Manideep, presented a paper on “ Survey on Fake News Detection using Machine learning Algorithms”, in International conference on “Advanced Computing Technique” published in International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181, 1.,ISBN: 978-93-5473-030-6, Volume 9, Issue 8, 121-125.
- Dr. S.V. Vasantha , Dr. Bejjam Kiranmai, Dr.S.Rama Krishna, presented a paper on “Techniques for Rice Leaf Disease Detection using Machine Learning Algorithms”, in International conference on “Advanced Computing Technique” published in International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181, 1.,ISBN:978-93-5473-030-6, Volume 9, Issue 8, 162-166.
- Dr. T.Satyanarayana Murthy, Associate Professor of CSE granted a Patent on PIG- Intelligent Chatbot System: Process (Sales Transaction) to use Information Gathered by an Intelligent Chatbot System in February 2021.
- Dr. Nazeer Shaik, Professor, Dept. of CSE published a Patent on “Enhanced Image Compression System with parallelized Binary Search Tree Optimization Method For Medical Images” in the month of February, 2021.
- Bala Surendra Adusumilli, Vinod Raj, Vijaya Bhaskar A, Assistant Professor of EEE, has published a paper titled “Capacitor Placement and Sizing to Minimize Losses in a Radial Distribution Network Considering Uncertainty using Modified Affine Arithmetic Division,” in Sustainable Energy, Grids and Networks, vol. 27, 2021, 100492, ISSN 2352-4677, <https://doi.org/10.1016/j.segan.2021.100492>.
- Challagolla Sridhar, Assistant Professor of EEE, Neerukonda Rama Devi, Professor and HOD of EEE, have published a paper titled “Load immune based stator incipient faults detection algorithm for three-phase electrically excited synchronous motor”. Lecture notes on data engineering and communication technologies, Vol. 63. Springer, Singapore. [https://doi.org/10.1007/978-981-16-0081-4\\_23](https://doi.org/10.1007/978-981-16-0081-4_23), online ISBN: 978-981-16-0081-4.
- Bala Krishna Nallamothu, B. Santhana Krishnan, Ravindra Janga, Assistant Professor of EEE, have published a paper titled “Performance Evolution of Small Signal Model based Peak Current Mode Controller for Off-board Fast Charging DC-DC Converter” in 2020 IEEE 17th India Council International Conference (INDICON) DOI: 10.1109/INDICON49873.2020.9342288.
- Dr.N.Rama Devi, Professor and HOD of EEE, has delivered a lecture on March 20, 2021 as a part of orientation program during 15 March, 2021 to 20 March, 2021 in Bapatla Engineering College.
- Dr.G.Ravi Kumar, Associate Professor of EEE, has delivered a lecture on 15 March, 2021 as a part of orientation program during 15 March, 2021 to 20 March, 2021 in Bapatla Engineering College.
- Dr.K.Ramesh, Associate Professor of EEE, has delivered a lecture on March 19, 2021 as a part of orientation program during 15 March, 2021 to 20 March, 2021 in Bapatla Engineering College.
- Dr.J.Ravindra, Assistant Professor of EEE, has delivered a lecture on March 16, 2021 as a part of orientation program during 15 March, 2021 to 20 March, 2021 in Bapatla Engineering College.
- Mr.N.Bala Krishna, Assistant Professor of EEE, has delivered a lecture on March 17, 2021 as a part of orientation program during 15 March, 2021 to 20 March, 2021 in Bapatla Engineering College.
- Mr. Praveen Kumar and N. Srinivasa Rao from Department of IT published a paper on “Efficient Basic Access Control Policy Framework for Electronic Digital Certificates Using XACML” in Bulletin Monumental Journal, ISSN/E-ISSN 0007-473X with impact factor 3:9, March 2021.
- Dr K. Srinivasa Rao, K.Sai Prasanth, P.Ravi Kumar from Department of IT published a paper on “Term Weight Measure Based Approach for Fake News Detection” in Bulletin Monumental Journal, ISSN/E-ISSN 0007-473X with impact factor 3:9, March 2021
- G.Jamuna rani, G. Sai Rani, Anchupogu Praveen, Assistant Professor of Mechanical Engineering, has published a paper titled “Nano Fluids Effect on Crossflow Heat Exchanger Characteristics – Review”, Materials Today: Proceedings, Elsevier.
- Anil Kumar Matta , Naga Sai Suman Koka , Dr.Sameer Kumar Devarakonda, Associate Professor of Mechanical, has published a paper titled “Recent Studies on Particulate Reinforced Az91



Magnesium Composites Fabricated By Stir Casting – A Review”, Journal of Mechanical and Energy Engineering, Volume No:4, Issue No.2.

- Dr. D. Sameer Kumar , K N S Suman, Associate Professor of Mechanical Engineering , has published a paper titled “Wheels in the Automotive Industry: A Case Study Towards the Development of Magnesium Based Composite Wheels”, Bio-composite and Synthetic Composites for Automotive Applications, Woodhead Publishing (Elsevier), Chapter No:11.
- Dr.B. Ravisankar, P. Umamaheswarrao, D. Rangaraju, K. N. S. Suman of Mechanical Engineering has published a paper titled “Application of TOPSIS for Multi Response Optimization of Process Parameters in Dry Hard Turning of AISI 52100 steel”, INCAS BULLETIN, Vol. No:13, Issue No.1.
- Dr.K.V.L.N.Acharyulu, Associate Professor of Mathematics, has done a collaborative research work with Ms.S.V.Vasavi and Ms. I.Rajeswari. This research articles were presented in international conference: ICRAITMS-2021, Hyderabad and published in UGC Care (Group-1) journal.
- Dr.K.V.L.N.Acharyulu, I.Rajeswari, K.Nagamani, S.V.Vasavi & S.Madhuri, Associate Professor of Mathematics, has published a paper titled “A Detailed Study on A Mathematical Model of Three Species Ecosystem”, SHODH SARITA, ISSN-2348-2397, Vol. 4, Issue 29 (January to March), 2021.
- Dr. K.V.L.N.Acharyulu, S.V.Vasavi, S.Madhuri, K.Nagamani & I.Rajeswari, Associate Professor of Mathematics, has published a paper titled “A Strange Three Species Mathematical Model with Diverse Natures of Ammensalism and Commensalism”, SHODH SARITA, ISSN-2348-2397, Vol. 4, Issue 29 (January to March) 2021.
- Dr. K.V.L.N. Acharyulu, Associate Professor of Mathematics, has presented a paper on “A Mathematical Analysis of the SIR model with Holling type II Functional Occurrence” in International Conference on Recent Intelligent Technologies in Science, Engineering, Humanities and Management (ICRITSEHM 2021), 26 February 2021 at Cheran College of Engineering, Karur, Tamilnadu.
- Dr.K.V.L.N.Acharyulu, Associate Professor of Mathematics has published a paper titled “A Mathematical Analysis of the SIR model with Holling type II Functional Occurrence Rate and Treatment Rate”, Foreign Scopus indexed journal: Annals of R.S.C.B., ISSN: 1583-6258, Vol. 25, Issue 1, 2021.
- Dr.K.V.L.N.Acharyulu, S.V.Vasavi, S.Madhuri, K.Nagamani & I.Rajeswari , Assistant Professor of Mathematics, has published a paper titled “A Strange Three Species Mathematical Model with Diverse Natures of Ammensalism and Commensalism”, SHODH SARITA, ISSN-2348-2397, Vol. 4, Issue 29 (January to March) 2021.
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- Dr.K.V.L.N.Acharyulu, Associate Professor of Mathematics, I.Rajeswari, K.Nagamani, S.V.Vasavi & S.Madhuri, Assistant Professor of Mathematics, has published a paper titled “A Detailed Study on A Mathematical Model of Three Species Ecosystem”, SHODH SARITA, ISSN-2348-2397, Vol. 4, Issue 29 (January to March), 2021.
- Dr Shabreen Sultana Shaik, Assistant Professor of English, has presented a paper entitled The Active Role of ICT in Teaching and Learning during Pandemic Situation in the ELTAI Tirupati Chapter: 9th Annual International Virtual Conference 2021 on 24th & 25th March, 2021.
- Dr Shabreen Sultana Shaik, Assistant Professor, has served as a Moderator in ELTAI Webinar 44 on “Developing Writing Skills in an ESL Context: Leveraging Technology” conducted by English Language Teachers’ Association of India on 14 March 2021.
- Priyadarsini Pullagura, Madhavarao Vallabhaneni, Hanumatha Rao Addanki, Subramanyam Chennamsetty and Ranganayakulu Yenisetty published a paper on “Simple, effective synthesis and molecular docking studies of 2-styrylchromenes”, in *Organic Communications*, 14(2), 121-132, (2021).
- Dr. Ch. Subramanyam, Assistant Professor of Chemistry has completed an online certification course on “Pericyclic Reactions and Organic Photochemistry” offered by NPTEL from February to March 2021”.
- S. Nandini, N. Ronald, Suchetan P. Adimule, P. Krishnamurthy, Anticorrosive Effects of Derivatives of 4-[[4-(Dimethylamino) Benzyldene]amino}-1,2,4-Triazole on 316 Stainless Steel in HCl Medium: Experimental and Computational Study, *Journal of Failure Analysis and Prevention* 21 (2021) 1057–1076.
- Rachael Natash Mary, Ronald Nazareth, Suchetan Parameshwar Adimule, Krishnamurthy Potla, Investigation of Corrosion Inhibition Property of Triazole-Based Schiff Bases on Maraging Steel in Acid Mixtures, *Journal of Failure Analysis and Prevention* 21 (2021) 547–562.
- Bajivali Shaik, Dr Mohan Seelam, Ramana Tamminana, Prasad Rao Kammela “Iodine- Mediated Multi-Component Reactions: Readily Access to Tetrazoles and Guanidines” *Letters in Organic Chemistry*, 18(5): 382-388 March 2021. (Science Citation Index Expanded).
- P. Satyanarayana, Sk. Bajivali, M. Usharani, S. Mohan “A New Way Of Method Establish and Validated of Related Substance of Glasdegib by Rp-Hplc and Its Forced Degradation Study” *International Journal of Pharmaceutical Sciences and research*, 12 (3):1599 – 1607 .March 2021.( Web of Science).
- Dr Mohan Seelam, Satyanarayanan Purimitla, Nagalakshmi Vedula, Sudheer Kumar Kandukuri, Srinivasarao Gundumolu “Development and Validation of RP-HPLC Method for the estimation of L-methyl Folate and Tofisopam in combined Formulation” *Asian Journal of Research in Chemistry*, 14(1):28-36. Feb-2021. (Google Scholar).
- Dr Aruna Kumari Nakkela, Dr.V.Nagalakshmi, Dr.Sandeep Rout, Mr.Ajay Kumar Prusty, Dr. Kalyani Pradhan, Monika Ray, Meenakhi Prusty, Dr.N.Padmaja, Dr.Santosh Karajgi, Dr. Mohan Seelam, Dr.Bassa Satyanarayana, Srivastava Pratima Kumari, Dr.S.Srilalitha, Dr.P.Sri Ram Murthy. published a patent on “Eclipta Alba Based Composition for Haemorrhoids and Its Preparation Method Thereof”, Application No.202141004378 A, Publication Date





**Dr.B.Vijay Krishna**  
Assistant Professor E.E.E Department  
Appointed as Placement Officer



**Mr.k.sai Prasanth**  
Assistant Professor I.T Department  
Appointed as Training Officer

### **Workshops/Seminars/Conferences Attended by the Faculty**

Department	Name of the Event	Title	Faculty Name	Organizers
Civil	Three – Day International Workshop	Intellectual Property Rights And Innovations In Civil Engineering	Mr Y. Ravi	St. Martin’s Engineering College, Dhulapally, Secunderabad, T.S, India
Civil	Three Day Online FDP	Offshore Renewable Energy	Mr R L R Nagendra Prasad	Bapatla Engineering College
Civil	Hydro -2020 International Conference	Hydro -2020, 25th International Conference On Hydraulics, Water Resources And Castal Engineering	Mr R L R Nagendra Prasad	NIT Rourkela And ISH Pune
Civil	Six Day Virtual Conference	Disaster Risk Reduction	Mr R L R Nagendra Prasad	NIT Karnataka
Civil	Three Day Online FDP	Offshore Renewable Energy	Mr B.Ravi	Bapatla Engineering College
Civil	Three Day Online FDP	Offshore Renewable Energy	Mr T.Santhi Sagar	Bapatla Engineering College
Civil	Three Day Online FDP	Offshore Renewable Energy	Mr E.B.K Rao	Bapatla Engineering College
Civil	Three Day Online FDP	Offshore Renewable Energy	Mr K.Haribabu	Bapatla Engineering College
Civil	Three Day Online FDP	Offshore Renewable Energy	Mr S Suresh Kumar	Bapatla Engineering College
Civil	One Week Online Fdp	Innovations In Civil Engineering	Mr M.Manoj Kumar	Gudla Valleru Engineering College
Civil	Three Day Online FDP	Offshore Renewable Energy	Mr M.Manoj Kumar	Bapatla Engineering College
Civil	FDP	“Recent Avenues In Civil Engineering “	Prof.T.Phani Madhavi	JSS Science And Technology University, Mysuru
Civil	FDP	“Innovations In Civil Engineering	Prof.T.Phani Madhavi	Gudlavalluru Engineering College
Civil	FDP	“Role Of Transportation Engineers Towards	Prof.T.Phani Madhavi	In Association With Indian Concrete Institute,

		Sustainable Roads And Traffic Safety		Shri Vishnu Engineering College For Women
Civil	FDP	Offshore Renewable Energy	Prof T.Phani Madhavi	Bapatla Engineering College
Civil	NATIONAL LEVEL WEBINAR	“Recent Advances In Solid Waste Management”	Prof T.Phani Madhavi	Sri Ranganathar Institute Of Engineering & Technology
Civil	WEBINAR	“AR And VR For Civil Engineering Applications”	Prof T.Phani Madhavi	Sona College Of Technology
CSE	FDP	Cyber Security	Mrs M.Karuna	Central University of Kerala
CSE	Webinar	Computational Mathematics	Dr S.Rama Krishna	Government First Grade College, Bengaluru
CSE	Webinar	Utility Patents, Trademarks & Copy Right	Dr Nazeer Shaik	KL Foundation
ECE	2 days FDP	Machine Learning and IOT Hardware Integration using MATLAB	SK Idrish	Velagapudi RamaKrishna Siddhartha Engineering College, Vijayawada, Andhra Pradesh.
ECE	Workshop	Machine Learning and IOT Hardware Integration using MATLAB	Mr M.Suneel	VRSEC
ECE	FDP	Machine Learning and IOT Hardware Integration using MATLAB	Dr.Ch.V.M.S.N.Pavan Kumar	Velagapudi RamaKrishna Siddhartha Engineering College, Vijayawada, Andhra Pradesh
ECE	Workshop	ARM BASED HPC	Mr M. Srikanth	NSM Nodal Centres for Training in HPC and AI IITs Goa, Kharagpur, Madras, Palakkad
ECE	Workshop	Configuring & Networking using LabVIEW, myRIO with Thingspeak and IBM Watson	Mr M. Srikanth	Optithought, NI & BEC
ECE	STTP	Cortex M Software Development, Every Wednesday	Mr M. Srikanth	ARM
ECE	Workshop	IOT using Universal Trainer Kit	Mr M. Srikanth	BEC
ECE	FDP	Machine Learning	Dr.M.Vinod Kumar	IIIT DHARWAS
ECE	Workshop	Disruptive Wireless Communication Paradigms: The Road Towards 6g	Dr.M.Vinod Kumar	IIIT GUWAHATI
ECE	STTP	Emerging Trends in Vlsi Technology	Mr B. Achyut Chowdary	Malla Reddy Engineering College for Women



ECE	Workshop	Machine Learning and IOT Hardware Integration using MATLAB	Mrs Y.Sruthi	Velagapudi RamaKrishna Siddhartha Engineering College, Vijayawada
EEE	FDP	Futuristic Trends in Electrical Engineering: A Research Perspective	Mrs D. Nagalakshmi	Karpaga Vinayaga College of Engineering and Technology
EEE	FDP	Applications of Soft Computing in Electrical Engineering	Mrs D. Nagalakshmi	Bapatla Engineering College, Bapatla
EEE	E-Workshop	Recent Trends in Operation and Planning of Distribution System and Microgrid	G Anil Kumar	NIT, Tiruchirappalli
EEE	FDP	Futuristic Trends in Electrical Engineering: A Research Perspective	Dr P.Sampath Kumar	Karpaga Vinayaga College of Engineering and Technology
EEE	Conference	Smart grid energy systems and control	Mr P.Karimulla	NIT , Kurukshetra
EEE	E-Workshop	Recent Trends in Operation and Planning of Distribution System and Microgrid	Dr B.Vijaya Krishna	NIT, Tiruchirappalli
EEE	FDP	STTP on Applications of soft computing in Electrical Engineering	Mr M.Sureshbabu	Bapatla Engineering College, Bapatla
EEE	FDP	Automation and Intelligent Control of Electrical Systems Phase-IV	Dr N.Karthik	Guddlavalleru Enginnering College Guddlavalleru
EEE	FDP	Internet of Things	Mr M.Sivarama krishna	Atal FDP : National Institute of Technical Teachers Training and Research Chennai.
EEE	FDP	Futuristic trends in Electrical Engineering: A research perspective	Mr M.Sivarama krishna	Karpaga Vinayaga College of Engineering and Technology
EEE	FDP	STTP on Applications of soft computing in Electrical Engineering	Mr G.Rajesh	Bapatla Engineering College, Bapatla
EEE	FDP	STTP on Applications of soft computing in Electrical Engineering"	Dr J Ravindra	Bapatla Engineering College, Bapatla
EEE	Webinar	One Day National Level Webinar on NAAC Assessment & Accreditation Process	Dr J. Ravindra	Manavloks College of Social Works, Ambajogai

EEE	Workshop	Three Day National Level Workshop on NAAC Assessment & Accreditation: A step by step Processes	Dr J. Ravindra	Chadalawada Ramanamm Engineering College, Tirupati
EEE	FDP	STTP on Applications of soft computing in Electrical Engineering	Mrs K.Kamala Devi	Bapatla Engineering College, Bapatla
EEE	FDP	Futuristic trends in Electrical Engineering: A research perspective		Karpaga Vinyaga college of engineering and technology
EEE	Webinar	The Role of “Frequency” in Low-Inertia Power Systems	Dr M. S. Dinesh	University of Kurdistan
Mechanical Engineering	FDP	Strategic Methods and Tools for Product Development	Dr T.Nancharaiah	S.R.K.R. Engineering College, Bhimavaram
Mechanical Engineering	FDP	One Week AICTE sponsored Short Term Training Program on Design of Experiments in Engineering		Department of Mechanical Engineering, B. V. RAJU INSTITUTE OF TECHNOLOGY, Hyderabad, Telangana.
Mechanical Engineering	FDP	5 days faculty development programme on The Scope of Additive Manufacturing in Digital Manufacturing		IILM College of Engineering & Technology, Greater Noida.
Mechanical Engineering	Webinar	Webinar on 'Patent Law for Engineers'		K L Deemed to be University, Green Fields, Vaddeswaram, Guntur District, A.P., INDIA
Mechanical Engineering	FDP	AICTE sponsored one Week Short Term Training Program on Design of Experiments in Engineering	Dr B. Iftekhar Hussain	B.V. Raju Institute of Technology, Narsapur, Medak Dist., Telangana.
Mechanical Engineering	FDP	Two Week AICTE sponsored Online FDP on Frontier of 3D Printing Technology and Its Industrial Applications (Phase-II)		Lakireddy Bali Reddy College of Engineering, Mylavaram, Krishna (Dt.), Andhra Pradesh, India
Mechanical Engineering	FDP	AICTE Sponsored Two-week FDP on Artificial Intelligence for Industry 4.0		CMR Institute of Technology, Hyderabad
Mechanical Engineering	FDP	Three Day Online Faculty Development Programme on Recent Trends in Electric Vehicles – Phase 1		Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru– 521356, Andhra Pradesh.



Mechanical Engineering	FDP	Training programme on Research Avenues in Industrial Engineering		RAJIV GANDHI INSTITUTE OF TECHNOLOGY, KOTTAYAM, Department of Technical Education, Government of Kerala
Mechanical Engineering	FDP	AICTE-ISTE Sponsored 6 Days Online Induction Program on Rapid Prototyping and Artificial Intelligence for Industrial Application		St. Martin's Engineering College, Secunderabad
Mechanical Engineering	Workshop	3 day workshop on R beginner for data science	Mr Srinivasulu Vardhini	IIT Bombay
Mechanical Engineering	Webinar	Recent developments in power plant grids and power consumption in India	Mr Vadlamudi Krishna Koundinya	Bapatla engineering college
Mechanical Engineering	Short Term Training Program	Design of Experiments in Engineering	Mr P.Umamaheswarrao	B. V. Raju Institute of Technology, Narsapur
Mathematics	Refresher Course	Two-Week refresher Course in Mathematics.	Dr T. Srinivasa Rao	Teaching Learning Centre, Ramanujan College, University of Delhi under the Aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching in collaboration with Department of Mathematics, Ramanujan College
Mathematics	Refresher Course	Two-Week refresher Course in Mathematics.	Mr N. Karunakar	Teaching Learning Centre, Ramanujan College, University of Delhi under the Aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching in collaboration with Department of Mathematics, Ramanujan College
Mathematics	International E-Conference	Advances in Mathematical Sciences	Dr N. Rafi	Department of Mathematics, Andhra Loyola College, Vijayawada
Mathematics	Workshop	Recent Trends in Domination and Graph Labelling (RTDGL 2021)		Department of Mathematics, Ramanujan College, University of Delhi in collaboration

			Mrs M. Srujana	with Academy of DiScrete Mathematics and Applications(ADMA)
Mathematics	International E-Conference	Disjunctive Filters of Almost Distributive Lattices	Mrs M. Srujana	Department of Mathematics, Andhra Loyola college, Vijayawada
Mathematics	Workshop	Role of Computational Fluid Dynamic for solution of Industrial Problems	Mrs M. Srujana	Department of Mathematics, NIT Meghalaya in collaboration with Siemens Digital Industry Software
Mathematics	Online International Conference	A Strange of three species Mathematical Model with Diverse Natures of Ammensalism and commensalism	Mrs S.V.Vasavi	Mechanical Engineering, Civil Engineering, Humanities & Sciences and MBA of St.Martin's Engineering College, Secundrabad
Mathematics	International E-Conference	Effect of Diffusion and Noise with Series Solution of Commensal - Host Species Model	Dr G.Basava kumar	Department of Mathematics and Statistics, Andra Loyola College (Autonomous), Vijayawada
Mathematics	FDP	Matlab	Dr. G. Basava kumar	Department of Mathematics and Statistics, Bhavan Vivekananda College, Secundrabad
Mathematics	Online International Conference	A Detailed study on a mathematical model of three species ecosystem	Ms I. Rajeswari	Mechanical Engineering, Civil Engineering, Humanities & Sciences and MBA of St.Martin's Engineering College, Secundrabad
English	International Workshop	Phonetics and Phonology	Dr Shabreen Sultana Shaik	Christ Academy Institute for Advanced Studies, Bangalore
English	Online International Conference	3 <sup>rd</sup> Applied Linguistics and Language Teaching	Dr Shabreen Sultana Shaik	Zayed University, Dubai
English	FDP	Contemporary Literary Theory: A Voyage into the Untrodden Realms	Dr Shabreen Sultana Shaik	Department of Languages, Christ, Delhi
English	South Asian Regional Online Conference	Critical Thinking in English Language Teaching	Dr. Shabreen Sultana Shaik	RELO, Kathmandu, New Delhi, Islamabad



Chemistry	National Seminar	Recent Trends in Organo- catalysis	Dr V.Madhava rao	Vignan University, Vadlamudi, Guntur-dist
Chemistry	National Seminar	Recent advances in Material Chemistry	Dr V.Madhava rao	Vignan University, Vadlamudi, Guntur-dist
Chemistry	Online National workshop	Intellectual property rights	Dr CH.Subramanyam	Deogiri College, Aurangabad, India
Chemistry	Online National Workshop	Covid-19 Awareness Programme	Dr CH.Subramanyam	Rajiv Gandhi National Institute of Intellectual Property Management, Nagpur
Chemistry	National Seminar (Virtual)	Green Chemistry- An Approach for Healthy Environment	Dr N.Srinivasa Rao	Government College Timarni, Dist-Harda (M.P), Department of Chemistry and IQAC under the project of World Bank, 26-02-2021
Chemistry	Online Course	“COVID-19 Contact Tracing”	Dr N.Srinivasa Rao	Johns Hopkins University and offered through Coursera Feb 26, 2021
Chemistry	Online Course	“COVID-19 Training for Healthcare Workers”	Dr N.Srinivasa Rao	Stanford University and offered through Coursera, 26 - Feb - 2021
Chemistry	National webinar	“ Role of botanical survey of india in plant conservation”	Dr N.Srinivasa Rao	Govt. Aranya Bharti P.G College, Baihar M.P, 22 <sup>nd</sup> February, 2021
Chemistry	International webinar	“Sustainable chemistry IWSC-2021	Dr N.Srinivasa Rao	. Homibhabhacenter for science education (TIFR), Mumbai, 18 <sup>th</sup> March, 2021
Chemistry	National webinar	“MahilaSashaktikaranke VividhAayam	Dr N.Srinivasa Rao	. Government Narmada College, Hoshangabad. 12 <sup>th</sup> March 2021
Chemistry	National webinar	“Naturopathic remedies for covid care”	Dr N.Srinivasa Rao	Pavanatama College, Murickassery, Idukki, Kerala
Chemistry	webinar	“Environment and Sustainable Development (An understanding of Sustainable Development Goals and its relevance for India)”	Dr S.Mohan	Lakireddy Bali Reddy College of Engineering, Mylavaram. Andhra Pradesh, India.
Chemistry		International Seminar series on Nanotechnology for Environment and Sustainability”	Dr S.Mohan	DY Patil Education society, Kolhapur, Maharashtra, India.
Chemistry	FDP	“Nanomaterials- Technologies for Energy & Sensor Applications”	Dr S.Mohan	GMR Institute of Technology, Rajam, Andhra Pradesh



# WOMEN'S DAY CELEBRATIONS-MARCH, 2021

***Mrs K.G.V. Saritha, Additional SP, APCID was the Chief Guest of the day***





# BEC NCC ACTIVITIES



A three days Swachh Bharat campaign had conducted in our Bapatla engineering college by NCC cadets(1A ENGR COY) from January 2 to 4 with cadets participation of 40.



BEC cadets had done honor to our beloved Netaji in the presence of college Principal, staff members and students commemorated subhashchandrabose 124th Jayanthion on 23rd January



BEC NCC cadets(1A ENGR COY) went to Acharya Nagarjuna University, Guntur and participated in the Republic parade on the occasion of Republic Day

A program of statue cleaning at Mahatma Gandhi statue, located at Bapatla lions club was held on 26 February, 2021 with 15 BEC cadets



NCC cadets are watering the plants in the college campus on every weekend

Five days NCC camp CATC-4 held at Bapatla women's engineering college, Bapatla during 1-5 March, 2021 with 30cadets, among them 21 belong to 'B' category & Remaining 9 cadets belong to 'C' category. The camp helps a lot in different aspects of NCC such as weapon drill, map reading, health and hygiene, field craft and battle craft, military history



# BEC NCC ACTIVITIES



NCC 'B' certificate exam was held from 20-21 March, 2021 in RVR&JC College, Chowdavaram in Guntur. Day-1: B - certificate practical exam was conducted, and in Day - 2 written exam was conducted successfully. By giving the exam one can able to know how much they learnt regarding to the two years of NCC training

# CCA ACTIVITIES



Spectra, an Inaugural ceremony of CCA on 30th March, 2021