



'Our Beloved'  
RSK Lakshmana Prabhu  
Co-Chairman



'Kalvi Thanthai'  
RS Kothandaraman  
Founder

# PSNA



College of Engineering & Technology

DIGITAL NEWSLETTER



April ISSUE 2020

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AICTE, New Delhi Affiliated to ANNA University

APRIL 14



PSNA  
College of Engineering & Technology  
Estd 1984

நல்லதே நடக்க...  
நானிலம் சிறக்க ...  
மகிழ்ச்சி பெருக ...  
மனித நேயம் சிறக்க...  
வரவேற்கிறது புத்தாண்டு ....  
வாழ்வோம் பல்லாண்டு ...!

இனிய தலிழ் புத்தாண்டு  
வாழ்த்துக்கள்.



Rtn. RSK Raguraam  
Pro-Chairman, PSNACET

Dindigul-624 622,Tamilnadu. ☎ 0451-2554411 / 2554032 ✉ contact@psnacet.edu.in 🌐 www.psnacet.edu.in

**Digital News Letter Chief**

**Dr. D. Vasudevan**

**Professor & Principal**

**Coordinators & Editors**

**Mrs. P. Elizabeth Kalpana & Mrs. M.K. Subashini**

**Assistant Professors of Department of English**

**Department Coordinators**

**Ms. N. Sree Vidhya -AP/CIVIL**

**Mr. Y. Yasin-AP/MECH**

**Dr. M.Revathy-ASP/ECE**

**Mr. J.E. Moshe Dayan-AP/EEE**

**Dr. N. Uma Maheswari-PROFESSOR/CSE**

**Mr. K . Rajkumar-AP/IT**

**Mrs.S.A.Priyanka-AP/BME**

**Dr. P.S. Venkateswaran-PROFESSOR/MBA**

**Mrs. K. Nimmati Satheesh-AP/MCA**

**Mrs. G. Santhameena-AP/MATHS**

**Mrs. N. Vellachi-AP/PHYSICS**

**Dr. D. Gnanasangeetha-AP/CHEMISTRY**

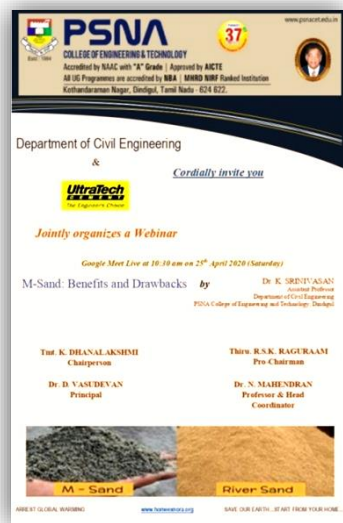
**Mrs. N. Shabnam Niher-AP/ENGLISH**

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**Activities of the Department**


**Department of Civil Engineering**

**Webinar** - Dr K. Srinivasan, Assistant Professor delivered online webinar on **“M-Sand Benefits and Drawbacks”** for the Practicing Engineers of Dindigul and Theni districts in association with UltraTech Cements, Madurai on 25<sup>th</sup> April 2020.



**Department of Information Technology**

S. No	Title of Events	Date(s)
1.	Quarantine coding online challenge	09.04.2020
2.	Virtual training program on RPA	7/4/20 to 9/4/20
3.	Expert talk on leadership in crisis on	25-04-20



**PSNA**  
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**Department of Information Technology**

**QUARANTINE ONLINE CHALLENGES**  
Registration only for PSNA Students


Events	Dates
Poster Design	06.04.2020
Website Design	07.04.2020
Code Debugging	08.04.2020
Programming Contest	09.04.2020
Mobile App Development	10.04.2020

Digital certificates will be issued to all participants.  
Prizes will be issued for top 2 winners.


<https://bit.ly/3bSmf47>

**Faculty coordinators:**  
Dr.R.Pushpalakshmi  
PSNA-Google DSC Facilitator  
Mrs.P.Priyadharshini

**Student coordinators:**  
Sudharsan - 4th year,C  
Rahman J -3rd year,B  
Ramvashakan -3rd year B  
Navayuvan-3rd year B



**PSNA**  
COLLEGE OF ENGINEERING & TECHNOLOGY  
DINDIGUL - 624 622



**AUTOMATION ANYWHERE**  
Go be great.

**Department of Information Technology**

**Bot Lab**

Powered by Automation Anywhere University

Presents  
Virtual Training Program on  
ROBOTICS PROCESS AUTOMATION (RPA)

From 7th to 9th April 2020

**How to create Cognitive Bots,  
by  
AI & Machine Learning- IQ BOT**

Certified RPA Trainer  
Automation Anywhere , Bangalore

**Tmt. K.Dhanalakshmi** Chairperson  
**Rtn. R.S.K. Raguraam** Pro-Chairman  
**Dr. D. Vasudevan** Principal



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MHRD'S INNOVATION CELL (GOVERNMENT OF INDIA) | INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD initiative) | University - Brno, Czech Republic

**DEPARTMENT OF INFORMATION TECHNOLOGY**

Digital Knowledge series  
2020

Expert talk on :  
**LEADERSHIP IN CRISIS**

**Mrs. S. Meenakshi**  
*Leading Technologist, Chennai*

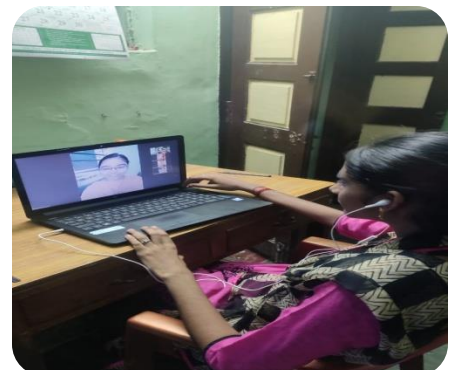
25-04-2020 1.15 p.m -2.15 p.m  
**Webinar - Pre-final IT students**

Coordinators:  
Dr.K.Muthumayil ,Prof. IT  
Dr.R.Bhaskaran, Prof. IT  
Ms.R.Sudha, Asst.Prof. IT

**Department of Biomedical Engineering**

ISTE ACTIVITIES							
S.No	Period	Name of the Event	Sponsored By	Number of participant	Chief Guest if any	Amount	Coordinate d by
1	27.4.2020 and 28.4.2020	Virtual Project Demo by IV year (2016-20) for III Year	PSNACET	60-IV year	Online session	-	Dr.P.Sutha, AP/BME
2	29.4.2020 and 30.4.2020	Virtual Mock Interview for III year (2017-21) conducted by final year (2016-20)	PSNACET	49 (III yr)+ 60 (IV yr) Total= 129	Online session	-	Mr.K.Pradeep, AP/BME

**Virtual Project demo for third year students by final year students Dated: 27.4.2020 and 28.4.2020**



**Virtual Mock Interview  
for III year (2017-21) conducted by final  
year (2016-20) Dated: 29.4.2020**



## Faculty Contribution

### Department of Civil Engineering

#### Faculty member - Online Classes Conducted During Lockdown

- a. **Webinar** - All the course coordinators have attended the **WEBINAR** conducted by Microsoft on “Setting up remote classrooms on Microsoft Teams and Demonstration of Accreditation Data Management System” on 2<sup>nd</sup> April 2020.
- b. **Open book test** – The Open book two marks questions test were conducted for Second, Third and Final year students, from 14 April 2020 through Google Class room Application and uploaded the answer paper by the students within the date of 18<sup>th</sup> April 2020.
- c. **Pre-Serial test** – The Pre-serial test were scheduled and conducted for Second, Third and Final year students from 24 April 2020 to 27 April 2020. The test were Conducted through the Google Class Room Application on every day with the time period 10 AM to 12 Noon.
- d. **First Semester Coaching Class**- the First Semester coaching classes are conducted from the end of April to May through Online by Google Meet Application and the revision tests were conducted in from 11 May 2020 to 15 May 2020 by Google Classroom Application

- e. **Final Year Project Review** - Project Reviews for the present Final year students were conducted by the review committee of each section on 14<sup>th</sup> and 15<sup>th</sup> May 2020 based on the specific time-slot schedule provided by the Department using ZOOM Application

#### Details of Publication

S. No	Name of The Faculty & Coauthors	Name of The Journal	National /International	Title of The Paper & Paper Id	Volume & Issue	Year & Month	ISSN No.	Impact Factor	Page Number
1	<b>B.Ganeshkumar</b> , GVT Gopala Krishna	Polish Journal of Environmental Studies	International	Spatioemporal variability of Temperature and Its Extremes Over an Agro-Ecological Region of Tamil Nadu, India	29 & 5	Apr-20	e-ISSN: 2083-5906, ISSN: 1230-1485	1.186	3561-3568
2	<b>Suraj Harish V</b> , Muthanand P, Rajendra Prasath C	International Journal of Engineering and Advanced Technology (IJEAT)	International	Performance Analysis of Braced Reinforced Concrete Building in Sloped Terrain”	9 & 4	Apr-20	ISSN: 2249 – 8958	0.1	2424-2429

#### Department of Electronics and Communication Engineering

#### Patents Filed

PATENT TITLE: Design And Development Of Low Cost Automated Breast Cancer Detection (Abcd) Public Equipment

AUTHORS:1.Dr.P.Thirumurugan 2.K.Venkatesh Guru 3.S.Saranya 4.Dr.R.Rajagopal 5.Dr.R.Puviarasi 6.Ms.M.K.Mariam Bee 7.D.Siva Sundhara Raja

Publication Date/Application No: (24.04.2020/ 202041007848 A)

#### Details of Publication



S. No	Name Of The Faculty & Coauthors	Name Of The Journal	National / International	Title Of The Paper & Paper Id	Volume & Issue	Year & Month	Issn No.	Imp act Factor	Page Number	Sc op us	Other Important Details
1.	Dr. V. MAGUDEESWARAN	Applied Soft Computing	INTERNATIONAL	Fuzzy dissimilarity color histogram equalization for contrast enhancement and color correction	<a href="#">Volume 89</a>	April 2020	1568-4946	5.4	1060 77	SC I	-
2.	Mrs. K. RAJALAKSHMI	IEEE Explore Digital Library	INTERNATIONAL	Design and Simulation Analysis of Various Luo-Converter Topologies Fed BLDC Drive for Solar PV Application	DOI:10.1109/ICACCS48705.2020.9074465	April 2020	2575-7288		1120 - 1123	-	SCOP US
3.	Mr. R.SARAVANAN	IEEE Xplore Digital Library	INTERNATIONAL	Design and Simulation Analysis of Various Luo Converter Topologies fed BLDC Drive for Solar PV Applications	<a href="#">DOI: 10.1109/ICACC48705.2020.9074465</a>	Apr 2020	2575 - 7288		1120 - 1123	SC OP US	-

Department of Computer

Details of Publication

S. No	Name of the Faculty & Coauthors	Name of The Journal	National /International	Title of The Paper & Paper Id	Volume & Issue	Year & Month	ISSN	Impact Factor	Page Number
1	R. Reshmi , <b>D. Shanthi Saravanan</b>	Soft Computing	International	Load prediction using (DoG–ALMS) for resource allocation based on IFP soft computing approach in cloud computing	Vol-24 Issue 8	April 2020	1432-7643	1.58	-
2	L.Dharshana Deepthi, <b>D. Shanthi,</b> M.Buvana	International Journal of Advanced Research in Engineering and Technology	International	An Intelligent Alzheimer's Disease Prediction using Convolutional Neural Network(CNN)	Vol-11, Issue 4	April 2020	0976-6480	10.94	12-22
3	R Shobana <b>P. Gokula krishnan</b> N. Umamaheswari	International Journal of Advanced Research in Engineering and Technology	International	Privacy in Crowd Sourcing With Random Forest Algorithm	Vol-11, Issue 4	April 2020,	0976-6480	-	23-33

**Faculty Contribution in Webinar, FDP, Refresher Course, FDP, STTP**

Sl. No	Name Of The Faculty	Title	Category	Organized by	International/ National	Date
1	Dr. N. Uma Maheswari	Season 3 of Skycampus - THE FUTURE IS HERE NOW	Webinar	ICT Academy	National	27.04.2020 to 01.05.2020
		Introduction to AI & ML	Webinar	ICT Academy	National	15.04.2020
		Internet of Things	FDP	NITTTR, Chandigarh	National	10.04.2020 to 14.04.2020

2	Dr. K. Dhanalakshmi	Python programming	Refresher Course	Udemy	International	02.04.2020
3	Dr. T. Hemalatha	Block Chain and Bitcoin Fundamentals	Refresher Course	Udemy	International	7.4.2020
4	Dr. M.S. Thanabal	Accreditation Data Management System	Webinar	MasterSoft	National	02.04.2020
		The Data Science Course 2020: Complete Data Science Bootcamp	Refresher Course	Udemy	International	19.04.2020
		Season 2 of Skycampus on the theme The Future of Education, Employment & Entrepreneurship	Webinar	ICT Academy	National	20.04.2020 to 24.04.2020
		Season 3 of Skycampus on the theme Digital Knowledge Series	Webinar	ICT Academy	National	27.04.2020 to 01.05.2020
5	Dr. S. Pushpalatha	Cyber Security	online course	Udemy	International	April,2020
		Season 2 -Leading in a VUCA World	Webinar	ICT Academy	National	20.04.2020 to 24.04.2020
		Setting up Remote Classroom and Accreditation Data Management System	Webinar	Mastersoft	National	02.04.2020

6	Dr. S. Satheesh Babu	Accreditation Data Management System	Webinar	MasterSoft	National	02.04.2020
		Season 2 of Skycampus on the theme The Future of Education, Employment & Entrepreneurship	Webinar	ICT Academy	National	20.04.2020 to 24.04.2020
7	Dr. R. Karthikeyan	Setting up remote class room and Accreditation Data management systems	Webinar	Mastersoft	National	02.04.2020
		The Data Science Course 2020: Complete Data Science Bootcamp	Refresher Course	Udemy	International	05.04.2020

		Novel way to solve the COVID Datasets using Machine Learning Algorithms	Webinar	ABC Semiconductor Designs	National	08.04.2020
		Season 2 of Skycampus on the theme The Future of Education, Employment & Entrepreneurship	Webinar	ICT Academy	National	20.04.2020 to 24.04.2020
		How to Ace Virtual Interviews	Webinar	IT-ITeS Sector Skills	National	30.04.2020
8	Dr. M. Buvana	Cloud,Fog,and Edge Computing	Webinar	MasterSoft	National	14.04.2020-18.04.2020
		Season 2 of Skycampus on the theme The Future of Education, Employment & Entrepreneurship	FDP	NITTTR	National	20.04.2020 to 24.04.2020
9	Dr. A. Thomas Paul Roy	Frontend fundamentals	Refresher course	365 data science	International	15.04.2020
		Foundational Artificial Intelligence	refresher course	Purple.com	International	16.04.2020
10	Mr. M. Balasubramani	Foundational Artificial Intelligence	Webinar	ICT Academy	International	17.04.2020
		Blockchain and Bitcoin fundamentals	refresher course	Wipro Skillup	International	02.04.2020
11	Dr.A.Thomas Paul Roy	Season 2 of skycampus on the theme “ leading in a vuca works”	Webinar	Mastersoft	National	20.04.2020 to 24.04.2020
		Setting up remote class room and Accreditation Data management systems	refresher course	Wipro Skillup	National	02.04.2020
12	Dr. R. Karthikeyan	Why Data Structures is important to crack Product Companies	Webinar	Oracle		20.04.2020
13	Dr. S. Jeyanthi	Season 3 of Skycampus - THE FUTURE IS HERE NOW	Webinar	ICT Academy	National	29.04.2020 to 01.05.2020

10	Mr. M. Balasubramani	Season 2 of Skycampus on the theme "Leading in a Vuca world"	FDP	NITTTR	National	20.04.2020 to 24.04.2020
14	Dr. P. Gokulakrishnan	Accreditation Data Management System	Refresher Course	Udemy	National	02.04.2020
15	Dr. A. Sathya Sofia	Accreditation Data Management System	Webinar	MHRD	National	02.04.2020
		Python A-Z:Python For Data Science With Real Exercises	Webinar	MHRD Innovation Cell	International	31.04.2020
16	Dr.N.Dhanalakshmi	C++ Programming	Refresher course	Udemy	international	09.04.2020
17	Dr. A. Sathya Sofia	Season 3 of Skycampus - THE FUTURE IS HERE NOW	Webinar	ICT Academy	National	29.04.2020 to 01.05.2020
18	Dr.K.Manivannan	Internet of Things	FDP	PSNA CET	National	15.04.2020 to 19.04.2020
		Recent Trends in Bio Medical Engineering- Research Perspective	FDP	NITTTR	National	26.04.2020 to 30.04.2020
		Dhrona- The Art of Teaching and Learning for the Nxt Gen	FDP	Dr.NGP Institute of Technology	National	11.04.2020

		Latest Wireless and Computing Technologies	FDP	DDGD Vaishnava college	National	16.04.2020 to 18.04.2020
		Setting up remote class room and Accreditation Data management systems	Webinar	MHRD	National	02.04.2020
19	Mrs. J. Punitha Nicholine	Season 2 of Skycampus on the theme "Leading in a Vuca world"	Webinar	mhrd	National	20.04.2020 to 24.04.2020
		learn Python :Python for Beginners	Webinar	ICT Academy	National	01.04.2020
20	Dr. Y.Arockia Raj	Programming Essential in Python	Refresher Course	NASSCO M	International	21.04.2020
		Setting up Remote Classroom and	Refresher Course	Cisco Networkin	National	02.04.2020

		Accreditation Data Management System		g Academy		
		Data Analytics and the basics of R language	Webinar	Mastersoft	National	11.04.2020
		Leveraging Technology in Education	Webinar	Panimalar Institute of Technology	national	23.04.2020
		Season 2 - Leading in a VUCA World	Webinar	McGrawHill India	National	20.04.2020 to 24.04.2020
		Season 3 of Skycampus - THE FUTURE IS HERE NOW	Webinar	ICT Academy	National	27.04.2020 to 01.05.2020
21	Dr.A.H.Nandhukishore	Season 2 of Skycampus on the theme "Leading in a Vuca world"	Refresher course	Udemy	National	20.04.2020 to 24.04.2020
		Leveraging Technology in Education	Webinar	ICT Academy	National	23.04.2020
22	Ms.S.Naganadhini	Learn how to Ase Virtual Interviews	Webinar	ICT Academy	National	30.04.2020
		Season 2 of Skycampus on the theme "Leading in a Vuca world"	Webinar	IT-ITeS Sector Skills	National	20.04.2020 to 24.04.2020

		Bloackchain and Bitcoin Fundamentals	Refresher Course	Udemy	International	04.04.2020
		Exploring women in Engineering	IEEE Webinar	IEEE	International	04.05.2020
		How to Write a Technical Research Paper	IEEE Webinar	IEEE	National	22.04.2020
23	Mr. N. Rajesh Pandian	Setting up remote class room and Accreditation Data management systems	Webinar	ICT Academy	National	02.04.2020
		Learn how to Ase Virtual Interviews	Webinar	IBM - OA - OHIO State University	National	30.04.2020
		Season 2 of Skycampus on the	Webinar	ICT Academy	National	20.04.2020 to

		theme The Future of Education, Employment & Entrepreneurship				24.04.2020
24	Mrs.C.sathya	Foundational Artificial Intelligence	Refresher Course	Udemy	International	16.04.2020
		Season 2 of Skycampus on the theme "Leading in a Vuca world"	Refresher course	Wipro Skillup	National	20.04.2020 to 24.04.2020
		Learn how to Ace Virtual Interviews	Webinar	ICT Academy	National	30.04.2020
		Setting up Remote Classroom & Accreditation Data Management System	Webinar	IT-ITeS Sector Skills	National	02.04.2020
25	Mrs. K. Kalavani	Setting up Remote Classroom & Accreditation Data Management System	Refresher Course	Udemy	National	02.04.2020
		Webinar on the theme Leading in a VUCA World	Webinar	OHIO University	National	23.04.2020
26	Mr.V.Nandha kumar	Season 2 of Skycampus on the theme "Leading in a Vuca world"	Webinar	MHRD	National	20.04.2020 to 24.04.2020
		Season 2 of Skycampus on the theme "Leading in a Vuca world"	Webinar	MHRD	National	20.04.2020 to 24.04.2020
		Season 3 of Skycampus - THE FUTURE IS HERE NOW	Webinar	ICT Academy	National	29.04.2020 to 01.05.2020
27	Mrs. S. sandhana prabha	Theme Leading in a VUCA World	FDP	Wipro Technologies, Bangalore	National	21.04.2020
		Learn how to Ace Virtual Interviews	Webinar	ICT Academy	National	30.04.2020
		The complete SQL bootcamp	Webinar	MHRD	International	14.04.2020
28	Ms. S.T. Shenbagavalli	Learn how to Ace Virtual Interviews	Refresher Course	Udemy	National	30.04.2020
		The Power of A Teacher	FDP	NITTTR	National	04.05.2020

		Season 2 of Skycampus on the theme "Leading in a Vuca world"	Webinar	ICT Academy	National	20.04.2020 to 24.04.2020
		Foundational Artificial Intelligence	Webinar	ICT Academy	International	16.04.2020
29	Mrs . G. Mariammal	Theme Leading in a VUCA World	Online Course	Udemy	National	21.04.2020
		The Power of A Teacher	Webinar	ICT Academy	National	04.05.2020
30	Mrs. M. Jayanthi	Season 2 of Skycampus on the theme "Leading in a Vuca world"	Refresher Course	Udemy	National	20.04.2020 - 24.04.2020
		Learn how to Ace Virtual Interviews	Webinar	ICT Academy	National	30.04.2020
		Learn how to Ace Virtual Interviews	Webinar	MHRD	National	30.04.2020
31	Mrs. A Joyce	Season 2 of Skycampus on the theme "Leading in a Vuca world"	Webinar	MHRD	National	20.04.2020 to 24.04.2020
32	Mrs. K. Gayathri	Season 2 of Skycampus on the theme "Leading in a Vuca world"	Webinar	ICT Academy	National	20.04.2020 to 24.04.2020

		Learn how to Ace Virtual Interviews	Webinar	ICT Academy	National	30.04.2020
		Deep learning with tensor flow	Webinar	MHRD's Innovation Cell	International	01.04.2020
		Developing Thinking Abilities Relevant for Engineering Education	Webinar	IBM - OA - OHIO State University	National	28.04.2020
		Leveraging Technology in Education	FDP	NPTEL	International	23.04.2020
33	Mr.S.M.Prabhin	Learn how to Ace Virtual Interviews			National	30.04.2020
		Deep Learning A-Z hands on Artificial Neural Network	FDP	JCE,Chennai	International	01.04.2020



34	Mr.N.Selvaganes	Leading in a VUCA World	FDP	NITTTR	National	20.04.2020
		Data structures and Algorithms	STTP	PSNA CET	National	03.04.2020

**Department of Information Technology**

**Details of Journal Publication**

S.No	Name of The Faculty & Coauthors	Name of The Journal	National /International	Title of The Paper & Paper Id	Volume & Issue	Year & Month	ISSN No.	Page Number
1	Rajkumar K, Perumal G., Anandaraj M., Selvaraj K., Sangeetha A	Lecture Notes in Electrical Engineering	International	Energy-Efficiency in WSN Based on SCMC Protocol	vol. 643	April 2020	978-981-15-3125-5	123-131

**Details of the Conference**

S.No	Name of the Author & Coauthors	Title of The Conference	National /International	Title of The Paper	Volume & Issue	ISBN/ISSN	Year & Month	Page Number
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	<b>Dr. K. RAJKUMAR,</b> Dr.Ganeshkumar P, Anandaraj M., Selvaraj K., Sangeetha A.	Advances in Cybernetics, Cognition, and Machine Learning for Communication Technologies	International	Energy efficiency in WSN based on SCMC Protocol	643	978-981-15-3125-	April 2020	123-131
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S.No	Faculty Name	Mention the program type	Name of programme	Host college	Date	
					From (Date-Month-Year)	To (Date-Month-Year)
1.	Dr.R.VENKATESH Professor	FDP	Internet of Things	NITTTR, Chandigarh	10.04.2020	14.04.2020
2.	Mr.S.PALANIAPPAN Assistant Professor	FDP	Internet of Things	NITTTR, Chandigarh	10.04.2020	14.04.2020
3.	Mr.B.MATHANKUMAR Assistant Professor	FDP	Internet of Things	NITTTR, Chandigarh	10.04.2020	14.04.2020
4.	Dr.K.RAJKUMAR Assistant Professor	Webinar	Webinar on the theme Leading in a VUCA World	ICTACADEMY	20.04.2020	20.04.2020
5.	Dr. M.ANANDARAJ Associate Professor	Online workshop	How to Write a Technical Research Paper	Ahalia School of Engineering and Technology	22-04-2020	22-04-2020
6.	Ms. N. SASIKALA Assistant Professor	Online workshop	How to Write a Technical Research Paper	Ahalia School of Engineering and Technology	22-04-2020	22-04-2020
7.	Mrs. J.K.JEEVITHA Assistant Professor	webinar	Webinar on the theme Leading in a VUCA World	Skycampus	24.04.2020	28.04.2020

8.	Mrs. J.K.JEEVITHA Assistant Professor	workshop	Education 4.0	ATHARVA COLLEGE OF ENGINEERING	28.04.2020	30.04.2020
9.	Mrs.P.PRADEEPA Assistant Professor	Online FDP	Learning Through Gamification	PSNA College Of Engineering and Technology	30.04.2020	30.04.2020

### Department of Biomedical Engineering

#### Details of Patents

S.No	Name of the Faculty	Date	Details of the Achievement	Remarks
1	Dr.V.E.Jayanthi , Ms.G.Sudhanthira	19.4.2020	Patent Application Filed : patent application filed number 202041016782, on 19th April 2020 Title: Multiple Patients Automated Ambu Bag Connection System	Application Published
2	Dr.V.E.Jayanthi	29.4.2020	Patent Application filed number 202041018119 Title of the Patent: Fuzzy Rough Sets Theory-based Recommendation System for Students Career Recommendation	Patent Filed

#### Details of Publication

S. No	Name of The Faculty & Coauthors	Name of The Journal	National /International	Title of The Paper & Paper Id	Volume & Issue	Year & Month	ISSN No.	Page Number
1	VE. Jayanthi , G. Sudhanthira, P. Sutha , S. Usha , S. Hariedha , M. Jagannath,	International Journal of Advanced Science and	International Journal	Design of Hand Task Assist Device for Perceptual Disabilities.	Vol. 29 & issue 5s	April 2020	ISSN: 2005-4238	pp. 414-420

		Technology						
2	VE.Jayanthi, M. Jagannath, P. Mohan Kumar, S. Sriram, D.HarshavarthananK. Adalarsu	International Journal of Advanced Science and Technology	International Journal	Power Spectral Density for Detecting White Space in Wavelet Based Spectrum	Vol. 29 & issue 5s	April 2020	ISSN 2005-4238	pp. 7148-7153

**Department of Master of Business Administration**

**Details of Projects**

Title of the Funded Project	Year	Amount	Process	Coordinators
EDC DST-NIMAT Project	2019-20	1,00,000	Completed	Dr.S.Manimaran, Dr.P.S.Venkateswaran
STTP	2019-20	3,05,000	Ongoing	Dr.P.S.Venkateswaran
STTP	2019-20	3,25,000	Ongoing	Dr.A.Sabarirajan
STTP	2019-20	2,80,000	Ongoing	Dr.J.Suhashini
Conference	2019-20	50,000	Ongoing	Dr.D.Lavanya

**Details of Publications**

S. No	Name of The Faculty & Coauthors	Name of The Journal	National /International	Title of The Paper & Paper Id	Volume & Issue	Year & Month	ISSN No.	Impact Factor	Page No.
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1	Dr. P.S.Venkateswaran	TEST Engineering & Management	National	Service Quality in Southern Railway – Are Passengers Satisfied with the Services	TEST Engineering & Management	April , 20	0193 - 4120	NIL	
2	Dr.A.Sabarirajan with Dr.N.Gee thanjali	Journal of Computational and Theoretical Nanoscience	International	Antecedents and Outcomes of Quality of Work Life Among Employees in Banks	Volume 17, Issue 4	April , 2020	1546 - 1955	NIL	1963-1968
3	Dr. K. Bhagyalakshmi with Dr. S.Manimaran	Indian Journal of Natural Sciences	National	An Evaluation of Effectiveness and Efficiency of Health Management Information System (HMIS) in Australia Primary Health Care System: A Knowledge Translation Based Approach	Volume .10, Issue 59	April , 20	ISSN : 0976 - 0997	1.54	13-19

**Department of Chemistry**

S. No	Name of the faculty & Coauthors	Name of the Journal	National/ International	Title of the paper & paper id	Volume & issue	Year & month	ISSN No	Impact factor	Page number	Other important details
1	Ignatius Navis Karthika A.Kavitha K.Kavipriya	Indian Journal of Natural Sciences (IJNOS)	International	Tannery pollution and its Effect on the People's Life in Dindigul District	10 & 59	2020 & April	0976-0997	1.5 (ISI IMPACT FACTOR)	18828-18833	Clarivate analytics (Web of Science (Publons) & Thomson Reuters); UGC CARE LIST II
2	V.Prathipa	Indian Journal of	International	Environmental	10 & 59	2020 &	0976-	1.5 (ISI	18814-18817	Clarivate analytics

	K.Vijaya	Natural Sciences (IJNOS)		Threat Analysis of Aquatic Toxicity in Under Ground Water ,Dindigul District		April	0997	IMPACT FACTOR)		(Web of Science (Publons) & Thomson Reuters); UGC CARE LIST II
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**Department of English**

**Details of Publications**

Name of The Faculty & Coauthors	Name of The Journal	National /International	Title of The Paper & Paper Id	Volume & Issue	Year & Month	ISSN No.	Impact Factor	Other Important Details
N.Shabnam Niher	CLIO An Annual Interdisciplinary Journal of History	International	Ecofeminism Revisited: Reimagining Sensitive Women In Select Novels Of Kavery Nambisan	Vol. 6 Issue 2	April 2020	ISSN 0976-075	Impact Factor 5.50	UGC-CARE

**Achievements of Students**

**Department of Information Technology**

S. No	Student name	Name of the Event/Course	Organizing Institute	Date	Fetched
1.	Nivedha.B	Code Debugging	PSNACET	4/8/2020	Second Prize
2.	Kamalesh kannan.N	Learnathon	PSNACET	4/3/2020	Second Prize

**Student Internship Details**

Sl.No	Company Name	Student Name	From	To
1.	Zoho, Chennai	Ajith Kumar D	06.02.2020	05.04.2020
2.	Zoho, Chennai	Haritha B	06.02.2020	05.04.2020
3.	Zoho, Chennai	Karthika A	06.02.2020	05.04.2020
4.	Zoho, Chennai	Priyanga M	06.02.2020	05.04.2020
5.	M/s.CTS, Chennai	Anjana V. Trivedi	14.12.2019	14.4.2020
6.	M/s.CTS, Chennai	Aravindaksan V V	14.12.2019	14.4.2020
7.	M/s.CTS, Chennai	Balameenakshi V	14.12.2019	14.4.2020
8.	M/s.CTS, Chennai	Charu Latha E	14.12.2019	14.4.2020
9.	M/s.CTS, Chennai	Dhana Lakshmi V	14.12.2019	14.4.2020
10.	M/s.CTS, Chennai	Keerthana M	14.12.2019	14.4.2020
11.	M/s.CTS, Chennai	Nivetha K	14.12.2019	14.4.2020
12.	M/s.CTS, Chennai	Nivethetha S	14.12.2019	14.4.2020
13.	M/s.CTS, Chennai	Priya Dharsini G	14.12.2019	14.4.2020
14.	M/s.CTS, Chennai	Reethikha R	14.12.2019	14.4.2020
15.	M/s.CTS, Chennai	Sarmila K	14.12.2019	14.4.2020
16.	M/s.CTS, Chennai	Sindhuja V	14.12.2019	14.4.2020
17.	M/s.CTS, Chennai	Varshini S	14.12.2019	14.4.2020
18.	M/s.CTS, Chennai	Vinothini S	14.12.2019	14.4.2020
19.	Shorepoint Systems, Madurai	Gokul Ram T J	02.01.2020	30.04.2020
20.	Shorepoint Systems, Madurai	Shyam Sundar R T	02.01.2020	30.04.2020

## Placement Record

### Department of Electronics and Communication Engineering

On Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed
M/s. Soliton Technology Solutions	85	2
M/s. Full Creative	162	8
M/s. Infogain	162	3
M/s. Kalycito	162	1
M/s. IVTL Infoview	85	1
M/S. TCS	155	14
M/s. Cognizant	162	21
M/s. Wipro	162	15
M/s. Infiniti Software Solutions	110	3
M/s. Ethnus	125	2
M/s. CSS Corp	125	3
M/s. Calpion Technologies	14	14
M/s. Sutherland Global Services (Voice)	9	9
M/s. Softsquare	1	1
M/s. Amazon Customer Service	8	8



M/s.Healthwatch Tele Diagnostics Pvt Ltd	24	24
M/s. Toppr	3	3
M/s. Vdart	25	25
M/s. Caliber InterConnect Solutions	1	1
M/s. Focus Edumatics	31	31
M/s. Innovasphere Infotech	1	1
M/s. Virtual Maze	1	1
M/s. Axis Global Automation	4	4
M/s. Qmax Systems Pvt. Ltd	2	2
M/s. Sutherland Global Services (Non Voice)	35	35

<b>Off Campus</b>		
<b>Name of Organizations Visited</b>	<b>Number of Students Participated</b>	<b>Number of Students Placed</b>
M/s. Hexaware Technologies	162	6
M/s. FACE	80	2
M/s. Sysvine Technologies	110	2
M/s. Infosys	65	3
M/s. Sion Semiconductors	6	2
M/s. Vedha Technologies	1	1
M/s. HCL Technologies	30	1
M/s. ITK Education Service Pvt. Ltd	16	1

Department of Information Technology

PLACEMENT DETAILS - ACADEMIC YEAR 2019-2020

S. NO	Date of Visit	NAME OF THE COMPANY	NAME OF THE STUDENT	SALARY OFFERED	Dual
1	7.4.2020	Aptitude Buster	Dharshini	25000	

News Corner

திண்டுக்கல் பி.எஸ்.என்.எ பொறியியல் மற்றும் தொழில்நுட்ப கல்லூரியின் உயிர் மருத்துவ பொறியியல் துறையின் மூன்றாம் ஆண்டு மாணவர்களின் கோவிட்-19 பாதிப்பாளர்களுக்கு சிகிச்சை தொடர்பான திட்டம்

திண்டுக்கல் ஏப்ரல் 04  
கோவிட்-19 என்பது சார்ஸ் கொரோனா வைரஸால் ஏற்படும் ஒரு தொற்று நோயாகும். இது உயிர் மருத்துவப் பொறியியல் துறையில் படிப்பது போன்ற பல்வேறு ஆய்வுகள் இது அறிவிக்கப்படும். அயர்சு கால் குழந்தைகளில் செயல்படுத்தப்படும் பற்றாக்குறை உள்ளது. இதற்கிடையே காலத்தில் கோவிட்-19 வைரஸ் மருத்துவப் பொறியியல் துறையில் ஆய்வுகள் மேற்கொள்ளப்பட்டு வருகின்றன. இது போன்ற நோய்களை சிகிச்சிக்கும் மருந்துகளை உருவாக்கும் பணியில் ஆய்வுகள் மேற்கொள்ளப்பட்டு வருகின்றன.



பொன்ற சிகிச்சை உள்ளது. எனவே மேலும் மட்டும் சிகிச்சை வழங்குவதற்கு பொது அலுவலக நுட்பவியல் துறைக்குழு உடனடி நடவடிக்கை மேற்கொள்ளும். இது போன்ற நோய்களை சிகிச்சிக்கும் மருந்துகளை உருவாக்கும் பணியில் ஆய்வுகள் மேற்கொள்ளப்பட்டு வருகின்றன. இது போன்ற நோய்களை சிகிச்சிக்கும் மருந்துகளை உருவாக்கும் பணியில் ஆய்வுகள் மேற்கொள்ளப்பட்டு வருகின்றன.

திண்டுக்கல் பி.எஸ்.என்.எ பொறியியல் மற்றும் தொழில்நுட்ப கல்லூரியின் உயிர் மருத்துவப் பொறியியல் துறையின் மூன்றாம் ஆண்டு மாணவர்களின் கோவிட்-19 பாதிப்பாளர்களுக்கு சிகிச்சை தொடர்பான திட்டம்

**கோவிட்-19 பாதிப்பாளர்களுக்கு உயிர் மருத்துவப் பொறியியல் துறையின் மூன்றாம் ஆண்டு மாணவர்களின் கோவிட்-19 பாதிப்பாளர்களுக்கு சிகிச்சை தொடர்பான திட்டம்**

திண்டுக்கல் பி.எஸ்.என்.எ பொறியியல் மற்றும் தொழில்நுட்ப கல்லூரியின் உயிர் மருத்துவப் பொறியியல் துறையின் மூன்றாம் ஆண்டு மாணவர்களின் கோவிட்-19 பாதிப்பாளர்களுக்கு சிகிச்சை தொடர்பான திட்டம்

திண்டுக்கல் பி.எஸ்.என்.எ பொறியியல் மற்றும் தொழில்நுட்ப கல்லூரியின் உயிர் மருத்துவப் பொறியியல் துறையின் மூன்றாம் ஆண்டு மாணவர்களின் கோவிட்-19 பாதிப்பாளர்களுக்கு சிகிச்சை தொடர்பான திட்டம்



**PSNA**  
College of Engineering & Technology



"Service to others is the rent you pay for your room here on Earth."

The world will not be a good place to any of us unless we make it a good place for all of us to live in.

The Management, Principal, Teaching and Non-teaching Faculty of PSNA College of Engineering and Technology find gratified to be of some service to the society in doing our little bit by contributing Rs.13 Lakhs to Chief Minister Public Relief Fund.

Let this positive act of kindness be contagious and inspire more to plant seeds of happiness by giving.

