PANIMALAR ENGINEERING COLLEGE

(A CHRISTIAN MINORITY INSTITUTION)

JAISAKTHI EDUCATIONAL TRUST

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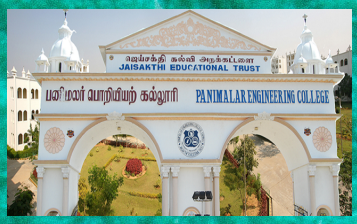

DEPARTMENT OF INFORMATION TECHNOLOGY

NEWS LETTER - 2020-2021 - EVEN SEMESTER

' JUST THE FACTS',

Volume 11 Issue 2 June2021

SECRETARY AND CORRESPONDENT DR.P.CHINADURAI M.A,M.PHIL.,PH.D

My best wishes to one and all who have contributed towards the department newsletter, 'Just the Facts', Volume 11, Issue 2, which has come out with many innovations in different domains. The newsletter is a print board to set the department out on its run towards the future and envisages the true quality of students and staff alike. I wish the department all success.

DIRECTOR DR.C.SAKTHIKUMAR M.E.,PHD

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CHIEF EDITOR: DR M HELDA MERCY

Hello Readers,

On behalf of the Department of Information Technology, Panimalar Engineering College, it gives us immense pleasure in presenting this newsletter. It was exhilarating being the editors of this issue. This newsletter focuses on the happenings of the semester along with the incredible achievements of our students and staff. We humbly hope that this newsletter will be giving you an excellent insight on the various achievements by members of our department.

Faculty Editor : **Mrs Sharanyaa S**

Chief Student Editors: Ms Shobika (III-B), Ms Deepa (III-A)

Student Representatives: Mr Dinesh Kumar A (III- C), Ms Deepika T (II-B), Ms Jeevitha C (II-A), Mr Deepthavarna M (II-B), Mr Benyhin Joshua (II-A)

We would like to express our profound gratitude to ur Head of the Department, Dr. M Helda Mercy for her aid, support and guidance in the creation of this newsletter.

VISION

To be recognized as a high performance department providing technology excellence that advances learning, teaching, research and student formation in alignment with college mission and goals.

MISSION

- To support the college mission through excellence & commitment to professionalism and continuous improvement.
- To provide world class forum for teaching & learning.
- To inculcate the spirit of innovation in software/ Information system through technology that will benefit organization and society.
- To instill facilities in the arena of Research and Development.

Programme Educational Objectives(PEO)

Learning Initiatives:

To provide Excellent Knowledge on Fundamental Computing Technology and Embedded System to inculcate interest and awareness in IT stream.

Knowledge Acquaintances:

To mould the student to synchronize the acquired theoretical knowledge with practical applications in real time situations.

Knowledge Exploration:

To provide an insight for analyzing current trends, to explore the future issues in different perspectives of computing environment.

Continuous Learning:

To Stimulate the student to appear for the competitive examinations, to pursue higher studies and to continue the learning process with effective communication in technical aspects, to function efficiently as a team, individual and apply the acquired knowledge within global, communal and to the stipulated environment.

Incubation:

To explore the acquired knowledge for developing innovative ideas, to become an Entrepreneur.

GUEST LECTURE

Mrs.Shirlin Varghese Boon
Director & Counsellor, Fantasy Rides, Mumbai organized an guest lecture at MSuccess & Women Empowerment on 02.07.2020

Opportunities
Ms. D.Keerthana Balaji
Application Development Associate, Accenture, Chennai organized Soft Skills and Awareness about Job on 02.07.2020

Ms. Reshma B
Systems Engineer
Infosys Technologies Ltd organized an Grooming Towards Placement
02.07.2020

Mr. Jacob M.B.A
Senior Security Consultant at emdha, Riyadh, Saudi Arabia organized an guest lecture at Gear Up To Cheer Up on 03.07.2020

Mr. R. J. Amuthan
Digital Broadcast Engineer and Social Media Branding, Suriyan FM organized guest lecture at Opportunities for Young Engineers in Digital Media on 03.07.2020

SPORTS DAY 2021

TOPPERS

The starting point of all achievement is desire

II Year/ IV Sem
DYMPHNA MARY C
ANNAPOORANI M
DEEPIKA E

III Year/ VI Sem
ANBHAGAN P
LATHASREE
KAVITHA B

IV Year/ VIII Sem
KAVITHA P
KOUSALYA J
NAVEEN RAJAN A

STUDENTS RELATIONSHIP WITH COMPANIES THROUGH INTERNSHIPS

Internships are a great way to apply and integrate the knowledge from the classroom to real-world experience. Learning is one thing, but taking those skills into the workforce and applying them is a great way to explore different career paths specializations that suit individual interests. They also bring a wealth of benefits to students, both
while completing a degree and when seeking a career path post-graduation.

Internships can provide students with the s oft skills needed in the workplace and in leadership positions. In order to gain experience and enrich their technical skills may students from our department have done their internships and in-plant training in various reputed companies .

Nearly, 112 students from second year and third year have done their internship/implant training during the month of December 2018 in companies like Infoziant, Guvi geek network , Kaashiv infotech, Barola technologies, Spiro technologies, Codebind technologies, Pantech, Delphi TVS,etc. 13 final year students were offered internship at Infosys for 16 days.

NPTEL

NPTEL is an acronym for National Programme on Technology Enhanced Learning. It is an initiative by seven Indian Institutes of Technology (IIT Bombay, Delhi,Guwahati, Kanpu, Kharagpur,Madras and Roorkee) and Indian Institute of Science (IISc) for creating and offering courses in engineering and science related fields.Around 150 students from the Department of Information Technology inducted into various courses of which nearly 100 candidates clearing the examination.

PROJECT EXPO

s.No	Student Name	Event & Level	Institute Name	Paper/ Project	Date	Award / Prize
			Academic Year 2020-2021			
1	N. Swathi	Project Expo	Panimalar Institute of Technology	Project	25.02.2021	I Prize
2	K.Yashika	Project Expo	Panimalar Institute of Technology	Project	25.02.2021	I Prize
3	Bhuvanesh P	Short Film Contest	Bharath University	Short film	20.7.2020	I prize
4	J.S.Ganesa Prabhu	Innofreax2k'21	Sreesastha college of engineering	Web Designing	07.03.2021	First
5	M.Nishanth	Trescuito	Easwari Engineering college	Paper presentatio	23.03.2021	Third Priz
6	P.M.Harini	Trescuito	Easwari Engineering College	Paper presentatio	23.03.2021	Third Priz
7	Gayathri.T	Trescuito	Easwari Engineering College	Paper presentatio	23.03.2021	Third Priz
8	V.Swathi	XTANZIA	SKR Engineering college	Game	23.09.2021	Second Prize
9	Tamil Bharathi	UBERTECH	SRM University	Prezentim	05.03.2021	Third priz
10	Arun Raj.J	UBERTECH	SRM University	Prezentim	05.03.2021	Third priz

FACULTY PARTICIPATION

FDP'S/WORKSHOPS/ STTP'S/SEMINARS

S. No	Name of the Faculty	/WS/SHORT TERM COURSE/WEBINAR	FDP/WS/STC/WEBINAR	FROM	TO	NO OF DAYS
1	Dr. M. Helda Mercy	AI in Healthcare	STTP	14.12.2020	20.12.2020	6
		AICTE Sponsored - Medical Image Processing & It's Applications in Automated Disease Detection	STTP	19.4.2021	24.4.2021	6
		AICTE Sponsored-Sensor Networks, Internet of Things and Internet of Everything"	STTP	17.5.2021	22.5.2021	6
		Data Science	FDP	19.4.21	30.4.21	14
		AI in Healthcare	STTP	14.12.2020	20.12.2020	6
		Big Data analytics using Soft Computing Tool	STTP	03.05.2021	08.05.2021	6
	Dr. D.Karunkuzhali	ATAL - Data Science and Machine Learning	FDP	2020-11-17	2020-11-21	5
2.		ATAL - Towards 5G Communications & Beyond with IoT, Machine Learning	FDP	2020-11-23	2020-11-27	5
		ATAL - Cyber security	FDP	2020-12-1	2020-12-5	5
		ATAL - Cyber security	FDP	2020-12-7	2020-12-11	5
3	Dr. K. Sridharan	AICTE Training And Learning (ATAL) Academy Online FDP on "Block chain"	FDP	17-8-2020	21-08-2020	6
		AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences"	FDP	28-9-2020	2-10-2020	6
4	Dr. Pinagadi Venkateswara Rao	AICTE Sponsored - Medical Image Processing & It's Applications in Automated	STTP	19.4.2021	24.4.2021	6

S. No	Name of the Faculty	/WS/SHORT TERM COURSE/WEBINAR	FDP/WS/STC/WEBINAR	FROM	TO	NO OF DAYS
5	Mrs. S.Mary Rexcy Asha	Deep Learning and its Applications	FDP	7.12.2020	12.12.2020	6
6	Mrs. S.Uma	Machine Learning	STTP	23-11-2020	28-11-2020	1
		Machine Learning	STTP	14-12-2020	19-12-2020	6
		Block Chain	FDP	07.09.2020	11.09.2020	5
7	Mrs. K. Muthulakshmi	Machine Learning	STTP	23-11-2020	28-11-2020	1
		Machine Learning	STTP	14-12-2020	19-12-2020	6
		Block Chain	FDP	07.09.2020	11.09.2020	5
		Data Sciences	FDP	21.09.2021	25.09.2021	5
8	Mrs. M. Sumithra	Nurturing research & Innovation in Higher Education Institutions	FDP	29/6/2020	4-7-2020	7
		Applications of Image Processing	FDP	14.07.2020	18.07.2020	5
		OBM752 Hospital Management	FDP	27/7/2020	3-8-2020	5
		value addition on emerging information tecnologies	FDP	10-8-2020	14/8/2020	5
9	Mrs. K. Lalitha	Machine Learning	STTP	23-11-2020	28-11-2020	1
		Machine Learning	STTP	14-12-2020	19-12-2020	6
		Block Chain	FDP	07.09.2020	11.09.2020	5

FACULTY PARTICIPATION

JOURNALS

Research Paper Publications(Journal)
Academic Year 2020-2021

N	AUTHOR NAME	PAPER TITLE	ISSUE/VOLUME /PAGE NO/YEAR	JOURNAL NAME	PUBLISHER NAME & ISSN NO	IMPACT FACTOR/ DOI /INDEXING	URL
	Gokul Vignesha A T , Gokul R , Ilavenil P , Naveen M , **Dr. B. Anni Princy**	Facial Recognition Based Safety Locker System	Volume 8, Issue 8 , pp: 3267-3270, August 2020	International Journal of Innovative Research in Computer and Communication Engineering	Ess & Ess research publications ISSN (O): 2320-9801	IF: 7.488	http://ijircce.com/admin/main/storage/app/pdf/XIdjynGCDjVv7Sm0o2wZ0hnnOg0KGpzq8K9XXFZ8.pdf
	Dr. B. AnniPrincy Ms.A.Nithya	Therapeutic Crisis Application Using Artificial Intelligence	Volume: 08 Issue: 04 | Pp E 2038 – 2041, Apr 2021	International Research Journal Of Engineering And Technology (IRJET)	Fast track Publications E-ISSN: 2395-0056	**Google Scholar**	https://www.irjet.net/archives/V8/i4/IRJET-V8I4381.pdf
	Karunkuzhali,D., Prasad, M., Singh, G., Periasamy, J.K., Ramprabu, G.	Traffic Analysis in Vehicular Adhoc Networks using Flow and Network Level Analysis	103450, pp 1-5 , November 2020	Microprocessors and Microsystems	Elsevier ISSN: 1872-9436	https://doi.org/10.1016/j.micpro.2020.103450 **SCIE, SCOPUS, Google**	https://www.sciencedirect.com/science/article/pii/S0141933120306049
	Sheela,A., **Karunkuzhali, D.**, Bhuvana Suganthi, D., Anushya,A., Ramprabu, G	Data imputation in wireless sensor networks using regression models	Volume 9, No.5, pp. 8661–8665 October 2020	International Journal of Advanced Trends in Computer Science and Engineering	Foundation of Computer Applications (FCA) Publications ISSN: 2278-3091	https://doi.org/10.30534/ijatcse/2020/252952020 **SCOPUS**	http://www.warse.org/IJATCSE/static/pdf/file/ijatcse252952020.pdf
	S. Brilly Sangeetha **D. Karunkuzhali,** B. Rajesh Shyamala Devi, M Suresh Anand, Su Suganthi & G. Ramprabu	Coordination schemes for resource oriented operation in wireless sensor actuator networks with queuing theory	April 2021	Journal of Ambient Intelligence and Humanized Computing	Springer Nature ISSN: 1868-5137	https://doi.org/10.1007/s12652-021-03203-y **SCIE, SCOPUS, Google Scholar**	https://link.springer.com/article/10.1007/s12652-021-03203-y
	Bala Sundara Ganapathy N a, and Mohana Prasad K	The Necessitate of Regulation for Social Media Posting in India	Vol 37, PP 201-205, Dec 2020	Intelligent Systems and Computer Technology	IOS Press	doi:10.3233/APC200142 **SCOPUS**	https://www.researchgate.net/publication/346805730_The_Necessitate_of_Regulation_for_Social_Media_Posting_in_India