PANIMALAR ENGINEERING COLLEGE

(A CHRISTIAN MINORITY INSTITUTION)
JAISAKTHI EDUCATIONAL TRUST

Accredited by National Board of Accreditation(NBA)
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DEPARTMENT OF INFORMATION TECHNOLOGY

NEWS LETTER - " JUST THE FACTS" 2019-2020 EVEN SEMESTER

Volume 10 Issue 2 Jun 2020

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.

CHIEF EDITOR: DR M HELDA MERCY

Faculty Editor : Mrs Sharanyaa S

Chief Student Editors: Ms Deepika R (III-B)
Ms Praveena N A (III-A)

GUEST LECTURE

Mr. Abhishek Gupta
Lead Speaker, Career Labs, Chennai
on the topic 'Profile Building' on
24.02.2020

Mrs.Mittu Rajeev
Director, Maxim Academy Kodambakkam
delivered a lecture on Free Career Choice
om 10.06.2020

SPORTS DAY 2020

The annual sports day of Panimalar Engineering College was held within the college premises in which several students of the department of Information Technology took place and won positions which are listed below:

WINNERS

LONG JUMP
YAMINI.U, III B, second position
JAVELN
DHANUSHA R, IV A, first position
BANUMATHI V, IVA, second position
THROWBALL
TWINKLE VIGNESHWARI, III B, first position
DHANUSHA R, IV A, first position
AISHWARYA R, IV A, first position
MADHUMITHA P, IV A, second position
KHOKHO
BANUMATHI V, IV A, first position
SWETHA , IVA, first position
KABADI
DHANUSHA R, second position
BANUMATHI V, second position

TOPPERS

The starting point of all achievement is desire

II Year/ IV Sem
ABINAYA DEVI S V
AISHWARYA A
ANUSHRI C

III Year/ VI Sem
AISHWARYA S
AKSHAYA GOWRI C
ANANYA Y

IV Year/ VIII Sem
JEEVA AKASH K
KALAIVANI G
KEERTHANA L

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 soft skills needed in the workplace and in leadership position.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,80 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 in January 2020.

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

Project expo which was conductedby our department was an enlightening experience for both the staffs and students who had actively participated in the event. The external experts were intrigued by the innovative and mind blowing ideas of our students. The winners were awarded with cash prizes.

II YEAR

- SURENDRAN S, SREEJITH J, SHERWIN JOSE & SRAVAN KUMAR P M presented a project titled “Fake App Awareness” and was awarded first prize.
- NIVEDHA.M,NIVETHA.S &PAVITHRA.R presented a project titled ”Amazo Alexa” and was awarded second prize.
- C.S.JANANIPRIYA, J.KOWSALYA & K.NIVEDHA R presented a project titled “Hospital Management System” and was awarded third prize.

III YEAR

- Mr. JEEVAAKASH K, Mr. NIRAI ARASU K, Mr. JAYARAMAN M and Mr. MOHINTH P presented aproject titled “Online voting system using php”and
- was awarded first prize.
- Mr. ALTAFAQEEL, Mr. SYED AMEN BOKARY, Mr.ANUSH S & Mr.MONISH PRASAD M presented aproject titled” Computer Hacking” and was awarded second prize.
- Ms.R.AISHWARYA presented project titled ”Healthcare monitoring system using IOT” and was awarded third prize.

FACULTY PARTICIPATION

FDP'S/WORKSHOPS/ STTP'S/SEMINARS

Dr M. Helda Mercy:

- Attended 5 days FDTP on Communication and Presentation Skills at NITTTR CHANDIGARH from 18th May 2020 till 22 May 2020
- Attended 5 days fdtP on Evaluation & Setting of Question Papers conducted by NITTTR Chandigarh from 25TH MAY 2020 TILL 29 MAY 2020.

Dr.B.AnniPrincy :

- Five Days Hands On Workshop On “Patent Searching, Drafting And Filing” (Online Mode) from 29th may 2020 to 2nd june 2020 organized by Panimalar Institute of Technology.
- Machine Learning Faculty Development Program from 11th may 2020 to 16th may 2020 organized by Data tech lab
- Machine and Deep Learning Using Python fdp from 14th may 2020 to 19th may 2020 organized by panimalar institute of technology.

Dr. D.Karunkuzhali:

- Latest Wireless and Computing Technologies 14th april 2020 to 19th april 2020 organized by NITTTR chandigarh.
- Nanomaterials and Devices from 27th april to 1st may 2020 organized by Applied Science Department NITTTR, Chandigarh

Mrs. S.MaryRexcyAsha :

- DATA STRUCTURES from 25th may 2020 to 29th may 2020 organized by VellamalEnginineering College
- Principles of Management FDP 18.5.20 to 22.5.20 organized by Panimalar Institute of Technology
- LaTeX and Scilab FDP at 4.5.20 organized by D.K.M College for Women(Autonomous), Vellore.

Dr. K. Sridharan:

- NITTTR Planning and Management for Institutional Excellence from 18.11.19 to 22.11.19 organized by NITTTR Chandigarh)Remote:PEC/IT

Mrs. B.Buvaneswari:

- Faculty Awareness Programme on Outcome Based Education (OBE) and NBA Accreditation on 09.05.20 sinhgad Institute of technology and science,Narhe, pune-41
- PHP and MySQL from 11.05.20 to 15.05.20 organized by VIT

Mr. B.Karthikeyan:

- NITTTR Planning and Management for Institutional Excellence from 18.11.19 to 22.11.19 organized by NITTTR Chandigarh)Remote:PEC/IT

Mr.N.BalaSundaraGanapathy:

- NITTTR Planning and Management for Institutional Excellence from 18.11.19 to 22.11.19 organized by NITTTR Chandigarh)Remote:PEC/IT

Mrs. S.Uma

- Principles of Management FDP 18.05.2020 to 22.05.2020 organized by PIT,CSE
- Block Chain Technology FDP from 16-12-2019 to 17-12-2019 organized by Saveetha School of Engineering ,Dept of Machine Learning

Mrs. K.Muthulakshmi :

- NITTTR Planning and Management for Institutional Excellence from 18.11.19 to 22.11.19 organized by NITTTR Chandigarh)Remote:PEC/IT

Ms. S.Kumari:

- NITTTR Latest Wireless and Computing Technologies FDP from 14.4.2020 to 18.4.2020 orhanized by (NITTTR Chandigarh)Remote:PEC/IT
- Digital Forensics and Security Research FDP from 25.4.2020 to 29.4.2020 organized by Govt. College of Engineering, Karad

Mrs.M.A.Gunavathie:

- Digital Forensics and Security Research FDP from 25.4.2020 to 29.4.2020 organized by Govt. College of Engineering, Karad
- FDP on LaTeX and Scilab from 30.4.2020 to 4.5.2020 organized by DKM College for Women, Vellore

Mrs.S.Sharanyaa:

- PHP and MySQL from 11.05.20 to 15.05.20 organized by VIT
- Python from 11.05.20 to 15.05.20 organized by VIT

Mr. S.Gopi:

- NITTTR Planning and Management for Institutional Excellence from 18.11.19 to 22.11.19 organized by NITTTR Chandigarh)Remote:PEC/IT

Ms. S. Sylvia Irish:

- Attended NITTTR Neural Networks and CNN FDP from 11.5.20 to 15.5.20 organized by NITTTR
- Principles of ManagemenT FDP FROM 18.5.2020 to 22.5.2020 organized by PIT
- “Effective and Instructive Research” FDP from 4.5.2020 to 10.5.2020 organized by Sona College of Technology

Ms.A.Nithya:

- Effective and Instructive Research” FDP from 4.5.2020 to 10.5.2020 organized by Sona College of Technology
- Principles of ManagemenT FDP FROM 18.5.2020 to 22.5.2020 organized by PIT

FACULTY PUBLICATIONS

JOURNALS

- **K.Lalitha, K.Muthu Lakshmi, S.Uma** and G.Someshwar published paper titled " PILL Reminder application and pill dispenser kit using Internet of things", in Journal of International Pharmaceutical research,January 2019, Volume 46, Issue1,PP 27-32, ISSN: 1674 0440(scopus indexed)

- **S.Sharanyaa, P.Abitha, B.Karthikeyan, B.Buvaneswari, M.Sumithra** published paper titled" Identification Of Dysphonia Related To Parkinson’s Disease Using Parametric And Non Parametric Models in " Journal of International Pharmaceutical research", January 2019,PP 20-26 Volume 46, Issue 1, PP 20-26, ISSN: 1674 0440, (scopus indexed)

- **Mrs.Gunavathie.M.A,** Sabitha, Sree.K , Raageshwari.M , Keerthikaa.T , Divya.S published paper titled " Transaction Security in Energy Trading System using Block chain",in International Journal of Advanced Engineering Research and Science (IJAERS) PP-393-400 , Vol-6, Issue-4, Apr- 2019

- **Dilli Babu M,** Balamani M, Mukesh G, Ajay Krishna , Kasi rajan B published paper titled " Detection of Firewall Fingerprinting and Vulnerability Prevention by Denial of Attacks on Web Application" in International Journal of Advanced Research in Computer and Communication Engineering, Vol.8, Issue 2, February 2019 PP 279-282, ISSN (Online) 2278-1021 ISSN

- **Ms Kumari S,** Rathna Priyadarsini S, Reshma Chowdary M, Sahaana K, Vasantha Sindhuja S published paper titled " Bank Vault Security System " in " International Journal of Advanced Research in Computer and Communication Engineering " Vol. 8,PP 215-219 Issue 2, February 2019, ISSN (Online) 2278-1021 ISSN (Print) 2319-5940

- **Dr D.Karunkuzhali ,** D. Madhubala, Y.Nisha, S. Rajeswari, published paper titled "Accident Detection and Monitoring System Using IoT" in International Research Journal of Engineering and Technology (IRJET), Volume: 06, PP6766-6770 Issue: 03 , Mar 2019, e-ISSN: 2395-005 p-ISSN: 2395-0072

- **Mrs Mary Rexcy Asha,** Anandhi G.R, Anukriti Rai, Shiva Priya, Sucila Shalomy published paper titled "Development of Mobile Application to monitor Mental Wellbeing" in " International Research Journal of Engineering and Technology (IRJET)", Volume: 06 Issue: 03 Mar 2019, PP 7016-7018, e-ISSN: 2395-0056 p-ISSN: 2395-0072

- **K.Muthulakshmi,** M.P abitha, P.S. Preethi, A.Divya Bharathi, D.Ramya published paper titled " Smart And Ubiquitous Defense Monitoring System Based on IoT " in International Research Journal of Engineering and Technology (IRJET), Volume: 05 ,Issue: 09 ,Sep 2018, PP 7042-7045, e-ISSN , 2395-0056 p-ISSN: 2395-0072

FACULTY PUBLICATIONS

CONFERENCES

- M.Sumithra S.Malathi presented and published paper titled" Proficient Method For Oral Cancer Detection Using Deep Learning " at International Conference On Emerging Current Trends In Computing And Expert Technology on March 2020

- Karthikeyan B, Somaskandan M , Gopi M presented paper titled" Dynamic Optimization Based Offloading Algorithm (Dooa) In Mobile Cloud Computing" at International Conference On Emerging Current Trends In Computing And Expert Technology on March 2020

- Mrs. M. Sumithra, Seethalakshmi S, Sivashankare M and Sasikala Shiny J on the topic " A Unique Extensible Framework Detection And Classification Of Traffic Events Based On Deep Learning Approach" at International Conference On Emerging Current Trends In Computing And Expert Technology on March 2020

- S.Sharanyaa,,Dr. K.Sridharan , B Buvaneswari on the topic "Intuitive Pin Entry Method Using Dynamic Color Keypad and Binary Numbers" at International Conference On Emerging Current Trends In Computing And Expert Technology on 6th & 7th March 2020

BOOKS

- **Dr M. Helda Mercy, Dr.S. Malathi** published book titled " Programming in C" in Global Publications,Chennai , 2019