PANIMALAR ENGINEERING COLLEGE
(A CHRISTIAN MINORITY INSTITUTION)
JAISAKTHI EDUCATIONAL TRUST

Accredited by National Board of Accreditation(NBA)
Bangalore Trunk Road, Varadharajapuram,
Nasarathpettai , Chennai 600123.
Phone: 26490404 / 26490505 / 26490717
Fax: 26490101

website: www.panimalar.ac.in

DEPARTMENT OF INFORMATION TECHNOLOGY

NEWS LETTER "JUST THE FACTS" 2018 - 2019
EVEN SEMESTER

Volume 9 **Issue 2** **May 2019**

SECRETARY AND CORRESPONDENT

My best wishes to one and all who have contributed towards the department newsletter, 'Just the Facts', Volume 9, 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.

Dr. P. CHIINNADURAI

DIRECTOR

My best wishes to one and all who have contributed towards the department newsletter,'Just the Facts', Volume 9, 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.

Mr. C. SAKTHIKUMAR

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 Rajashree R (III-B)
Ms Pragathy N A (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

MS S.Chandrika,
Managaing Director Accenture,Chennai
delivered a guest lecture on
Celebrating a Culture of Equality for
2nd & 3rd year IT Students on
26.02.2019.

MR V.Jayakumar,
Project Director/ Joint Director
Collectorate, Thiruvallur District
delivered a guest lecture on Lok Sabha
Election 2019-SVEEP activity for 2nd & 3rd
year IT Students on 11.04.2019.

Dr.R. Pradeepkumar, CIO, Amphisoft
Technologies, Coimbatore, delivered guest lecture
on the topic "Platform as a Service through E-Box on 23.04.2019

Mr. God'sman Semion Prakash,
Developer at Trans Union Global
Technology,Chennai, delivered guest
lecture on the topic "Scaled Agile
Framework" on 20.03.2019

Ms. Premalatha V,
Technical Lead, Wipro Technologies,
Chennai,delivered guest lecture
on the topic "Secure Digital Currency:
Bitcoin" on 25.03.2019

SPORTS DAY 2019

WINNERS

LONG JUMP
Madhumitha. P , III A, second position
JAVELN
DHANUSHA R, III A, first position
BANUMATHI V, III A, second position
THROWBALL
BANUMATHI V, III A, first position
DHANUSHA R, III A, first position
AISHWARYA R, III A, first position
MADHUMITHA P, III A, second position
KHOKHO
BANUMATHI V, III A, first position
AKSHAYA G S , III A, first position
KABADI
DHANUSHA R, second position
BANUMATHI V, second position

TOPPERS

The starting point of all achievement is desire

II Year/ III Sem
Shalini M M -9.21gpa
Reka N -9.04 gpa
Litheesh V R -8.92 gpa

III Year/ V Sem
Mohinth P - 9.15gpa
Keerthana L - 9.12gpa
Malini D - 8.88 gpa

IV Year/ VII Sem
Nisha Y - 9.29 gpa
Sujaya J - 9.00 gpa
Raageshwari M -8.86

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,86 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 2019

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 Organizational Behaviour at Panimalar Engineering College from 12th November 2018 till 16th November 2018
- Attended 5 days Short Term Training Programme on Data Science Using R conducted by NITTTR Chandigarh from 26 Nov 2018 to 30 Nov 2018

Dr.B.AnniPrincy :

- Attended 5 days Short Term Training Programme on Data Science Using R conducted by NITTTR Chandigarh from 26 Nov 2018 to 30 Nov 2018

Dr. D.Karunkuzhali:

- Attended 5 days Short Term Training Programme on "Data Science Using R" conducted by NITTTR Chandigarh from 26 Nov 2018 to 30 Nov 2018
- Attended 2 days FDP on 'Introduction to Mobile App development" conducted by ICT Academy at Panimalar Institute Of Technology, Chennai on 24 April 2019 & 25 April 2019

Dr.R.Manjula:

- Attended 5 days Short Term Training Programme on Data Science Using R conducted by NITTTR Chandigarh from 26 Nov 2018 to 30 Nov 2018
- Attended 5 days NITTR "NBA Accrediation Programme" at Panimalar Engineering College from 22 April 2019 to 26 April 2019

Mrs. S.MaryRexcyAsha :

- Attended 5 days FDTP on Organizational Behaviour at Panimalar Engineering College from 12th November 2018 to 16th November 2018
- Attended 3 days workshop on Setting up Entrepreneurship Development Cell from 16 Nov 2018 to 19 Nov 2018 at Panimalar Engineering College

Dr. K. Sridharan:

- Attended 5 days Short Term Training Programme on "Data Science Using R" conducted by NITTTR Chandigarh from 26 Nov 2018 to 30 Nov 2018

Mrs. B.Buvaneswari:

- Attended 5 days Short Term Training Programme on "Data Science Using R" conducted by NITTTR Chandigarh from 26 Nov 2018 to 30 Nov 2018
- Participated in one day workshop on "Moodle Learning Management System" conducted by IIT Bombay on 15 Mar 2019

Mr. B.Karthikeyan:

- Attended 5 days Short Term Training Programme on "Data Science Using R" conducted by NITTTR Chandigarh from 26 Nov 2018 to 30 Nov 2018
- Attended 5 days "NITTR NBA Accrediation Programme" at Panimalar Engineering College from 22 April 2019 to 26 April 2019

Mr.N.BalaSundaraGanapathy:

- Attended 5 days Short Term Training Programme on "Data Science Using R" conducted by NITTTR Chandigarh from 26 Nov 2018 to 30 Nov 2018.

Mrs. M.Sumithra:

- Attended 5 days FDTP on "Organizational Behaviour" at Panimalar Engineering College from 12th November 2018 to 16th November 2018
- Attended 5 days STTP on "Data Science Using R" conducted by NITTTR Chandigarh from 26 Nov 2018 to 30 Nov 2018

Mrs. S.Uma

- Attended 5 days Short Term Training Programme on Data Science Using R conducted by NITTTR Chandigarh from 26 Nov 2018 to 30 Nov 2018
- Attended 7 days FDP on "Artificial Intelligence, Deep Learning and Computer Vision Applications " at Veltech University from 03 Dec 2018 to 09 Dec 2018.

Mrs. K.Muthulakshmi :

- Attended 5 days Short TermTraining Programme on "Data Science Using R" conducted by NITTTR Chandigarh from 26 Nov 2018 to 30 Nov 2018
- Attended 2 days FDP on "Introduction to Mobile App Development" conducted by ICT Academy on 24 April 2019 & 25 April 2019 at Panimalar Institute of Technology, Chennai

Dr. Rashmitha Khilar:

- Participated in One day Workshop on "Art of writing funding proposals and research articles" on 17 Nov 2018
- Attended 5 days Short Term Training Programme on "Data Science Using R" conducted by NITTTR Chandigarh from 26 Nov 2018 to 30 Nov 2018

Mr.Pinnagdi Ventateshwara Rao:

- Attended 5 days Short Term Training Programme on "Data Science Using R" conducted by NITTTR Chandigarh from 26 Nov 2018 to 30 Nov 2018.

Ms. S.Kumari:

- Attended 5 days Short Term Training Programme on "Data Science Using R" conducted by NITTTR Chandigarh from 26 Nov 2018 to 30 Nov 2018
- Attended 2 days FDP on "Introduction to Mobile App development "conducted by ICT Academy on 24 April 2019 & 25 April 2019 at Panimalar Institute of Technology, Chennai

Mr. M.DilliBabu

- Participated in One day Workshop on Art of writing funding proposals and research articles on 17 Nov 2018
- Attended 5 days Short Term Training Programme on Data Science Using R conducted by NITTTR Chandigarh from 26 Nov 2018 to 30 Nov 2018

Mrs.M.A.Gunavathie:

- Attended 5 days Short Term Training Programme on "Data Science Using R" conducted by NITTTR Chandigarh from 26 Nov 2018 to 30 Nov 2018
- Attended 2 Weeks FDTP on "Design and analysis of algorithms" at Anna University, Chennai from 22 Nov 2018 to 05 Dec 2018.

Mrs P.Abitha:

- Attended 7 days FDP on "Artificial Intelligence, Deep Learning and Computer Vision Applications " at Veltech university from 03 Dec 2018 to 09 Dec 2018

Mrs.S.Sharanyaa:

- Attended 5 days Short Term Training Programme on "Data Science Using R" conducted by NITTTR Chandigarh from 26 Nov 2018 to 30 Nov 2018
- Attended 7 days FDP on "Artificial Intelligence, Deep Learning and Computer Vision Applications " at Veltech university from 03 Dec 2018 to 09 Dec 2018

Mr. S.Gopi:

- Attended 5 days FDTP on "Organizational Behaviour" at Panimalar Engineering College from 12th November 2018 to 16th November 2018
- Attended Short Term Training Programme on "Data Science Using R" conducted by NITTTR Chandigarh from 26 Nov 2018 to 30 Nov 2018.

Ms.A.Nithya:

- Attended 5 days Short Term Training Programme on "Data Science Using R "conducted by NITTTR Chandigarh from 26 Nov 2018 to 30 Nov 2018

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

- **M.Sumithra S.Malathi** presented and published paper titled" A Brief survey on multi modalities Fusion" in 2nd International Conference On Emerging Current Trends In Computing And Expert Technology(COMET), PP 165-171, 22-23 March 2019 at Panimalar Engineering college, Chennai

- **S.Sharanyaa, P.Abitha, B.Karthikeyan, B.Buvaneswari ,M.Sumithra** presented paper titled" Identification Of Dysphonia Related To Parkinson's Disease Using Parametric And Non Parametric Model" in 7 th iternational conference on contemporary Engineering and Technology (ICCET), pp- 14-15, 9th-10th March 2019, Prince Sri Venkateshwar Padmavathy Engineering college , ISBN 978-93-81288-18-4

- **Gunavathie. M.A, Dr M. Helda Mercy, Ms A.Nithya, Ms J Hemavathy** presented and published paper in **"** Generalized digital certificate based key agreement for initial ranging in Wi-max network"
pp 386-389, 22-23 March 2019, Panimalar Engineering college, Chennai

- **Pinagadi Venkateswarara rao ,** S.Murugavalli presented paper titled" Vanishing Gradient Problem in Unconstrained Handwriting Reorganization Based on BLSTM Neural Network" in " International Conference on Artificial Intelligence and Machine Learning IAIM2019", Vol 1, pp 166, 3rd-5th April 2019 at Department of Information Technology, School of Computing,Sathyabama Institute of Science and Technology ISBN: 978-93- 83409-52-5

BOOKS

- **Dr M. Helda Mercy, Dr.S. Malathi** published book titled " Programming in C" in Global Publications,Chennai , 2018