EVENTS ORGANISED BY PASC

1. Pulzion'19:
Pulzion is the annual technical fest organized by PICT ACM Student Chapter.

Start Date: 23rd August 2019
End Date : 25th August 2019
Type: Annual Tech-Fest
Footfall: 5000
No. of Events: 13 (7 Technical events & 6 Non-Technical events)
  I.   Technical Events:
       1. Just Coding   //count of all events   5.Bug Off
       2. Recode it   6.Web-App development
       3. Code Buddy   7.Dataquest
       4. Electroquest
  II. Non-technical Events:
       1. Dextrous   4.Quiz To Bid
       2. Cerebro   5.Photoshop Royale
       3. Insight   6.Fandom Quiz
       4. //Side events
Sponsors: Capgemini (Title Sponsor), Coding Ninja, Sunraj Infotech, Coca-Cola, Monster Energy Drink, Chetty's Corner
Dignitaries:
  ❏ Ms. Sushma Joshi (Senior Manager, Symantec)
  ❏ Mr. Atul Shah (Senior Director, Capgemini)
  ❏ Mr. Anand Padhye(Custom Software Development Head, Tieto),
  ❏ Mr. Mangesh Thokal (Founder & CEO, Sunraj Infotech)
  ❏ Mr. Yogesh Brahmankar (SIBM, Pune)
  ❏ Mr. Nikhil Gupta(Co-founder, Monimo)

2. Eminent Speaker Program 2019
Date: 21st December 2019
Day: Saturday
Timing: 03:30 pm-05:00 pm
Venue: PICT Auditorium, Katraj, Pune.
Speaker: Dr. Navin Kabra Co-Founder and CTO at Reliscore, creator of PuneTech.com, an Advisor at FinIQ
Find more about our Speaker: http://punetech.com/navin
Topic: Difference between Student programmers and professional programmers.

3.Radiance

Start Date: 16th March,2019
End Date: 17th March,2019
Number in Attendance: 2000
Sponsors: Tieto India(Title) , Coding Ninjas (Coding Partner)

I. Technical Events
    Just Coding (Girls only)
    Cash n Code(Girls only)
    Bug off

II. Non-Technical Events
     Bolly-Quiz
     InstaTale
     Cerebro

4.Paskathon (PASC Hackathon)

Start Date: 16th March,2019
End Date: 17th March,2019
Number in Attendees: 90
Cost of General Admission: 200.00
Cost to Chapter: 120.00
The topics of the hackathon were :
• Security & Surveillance
• Biomedical & Healthcare
• Agricultural & Rural Development
• Smart City
• Travel & Transportation
The PASCKATHON 19 ' was acknowledged by presence of the judges :
❏ Mr. Avnish Verma (Tieto)
❏ Mr. Akshay Patel (PASC Alumni)
❏ Mr. Nitin Patel (PASC Alumni)

5.Walkathon

Date:17th March,2019 at 5.30am
Venue: Taljai Temple, Pargaon Parvati
Theme: Run for Happiness
Footfall: 240
Distance: 5.6km
Collaborating Committee: Student Welfare, Discipline and Anti-Ragging Committee
Dignitaries:
❏ Dr. Sachin punekar(Ex. Scientist ARI, Founder Biosphere)

❑ Dr. P.T.Kulkarni   (Principal at PICT)
❑ Dr. Sachin punekar

6.SIGs
  I. Technical:
      A. Web Development
          1. Basics of front end web development
              1. lec 1: HTML, CSS
              2. lec 2: Bootstrap
                  The seminars included hands-on of commonly used front end modules
                  including both static and dynamic components
                  Speakers: Geet Shingi, Vedangi Wagh
                  Attendance: - Lec 1: 29 - Lec 2: 30
          2. Introduction to Backend web development using Django The seminar covered
          the following concepts related to Django: Installation, Architecture: Models,
          Views, templates, URLs along with a sample hands-on on a student registration
          system
                  Speaker: Pratik Ratadiya
                  Attendance: 25
          3. Introduction to MEAN Stack Development The seminar covered the basics of
          the client and server-side and their interaction and basics of Angular as a client
          application technology
                  Speaker: Geet Shingi
                   Attendance: 40
          4. Basics of frontend web development series
              1. lec1: HTML and CSS 19. Basics of frontend web development series
              2. lec2: Bootstrap The seminars covered the basics of frontend web
                  development which included technologies like HTML, CSS, and
                  Bootstrap.
                  Speaker: Rohit Pardeshi, Atharv Chavan, Aditi Bhosale, Prathamesh
                  Shiralkar, Utkarsh Atre, Tejas Joshi, Pratik Daigavane
                  Attendance: - Lec1: 77 Lec2: 48
      B. Android Development
          1. Introduction to Android development
              1. lec 1: Basics of android
              2. lec 2: Recycler views, Card views The seminar included a walkthrough of
                  sample code, explanation of Java concepts along with implementation in
                  Android studio
                  Speakers: Kshitij Patil, Tanush Maddiwar

Attendance: - Lec 1: 15 - Lec 2: 12

2. Basics of Android development series (For FEs) The seminars covered the basics of Java, Layouts, linking java code with the layout file intents and an application of mobile calculator

Speaker: - Lec1: Gaurav Deshpande, Sarita Joshi -
Lec2: Divyank Lunkad, Anirudha Deshmukh, Madhura Kunjir, Jayesh Borse, Sakshi D, Pranav Patil, Gaurav Deshpande
Attendance: - Lec1: 30 - Lec2: 33

3. Database linking and CRUD operations in Android The seminar covered the basics of database management and CRUD operations in Android

Speaker: Gaurav Deshpande, Tanush Maddiwar
Attendance: 18

4. Doubt solving on Android topics: The seminar was conducted to solve doubts faced by students in the domain of Android

Speaker: Gaurav Deshpande, Tanush Maddiwar, Nayan Sabnis
Attendance: 16

C. Open Source Development

Linuxify: Installing Linux and dual booting your machine All participants were demonstrated how to install Ubuntu 16.04 LTS on their machine by dual booting
Speakers: Pranav Katariya, Yash Jeswani
Attendance: 15

D. Machine Learning

1. Machine learning seminar series lec 1: Linear Regression
2. Machine learning seminar series lec 2: Logistic Regression
3. Machine learning seminar series lec 3: Neural Networks The seminars included concept explanation, algorithm demonstration along with a hands-on on a standard dataset.

Speakers: Pratik Ratadiya, Sukhad Joshi
Attendance: - Lec 1: 35 , Lec 2: 20 , Lec 3: 40

4. NLP: Text preprocessing, Text representation, Sequence models and their types
Speakers: Pratik Ratadiya
Attendance:50

E. Competitive Coding and Data Structures

1. Fundamentals of Data structures lec 1: Complexity analysis
2. Fundamentals of Data structures lec 2: Linked Lists, Queues The seminars included algorithm explanation, discussion along with solving of practice problems.

Speaker: Jayprakash Chawla
Attendance: - Lec 1: 22 - Lec 2: 20

3. How to get around competitive coding series lec 3: Basics
4. How to get around competitive coding series lec 4: Data structures

5. How to get around competitive coding series lec 5: Problem setting The seminars included an explanation of various strategies for competitive programming along with sample code solving
> Speakers: Shreyansh Patni, Shahrukh Khan, Darshan Bari, Yash Agarwal
> Attendance: - Lec 3: 39 , Lec 4: 25 , Lec 5: 60

6. Advance competitive coding series lec1: Time Complexities
7. Advance competitive coding series lec2: Binary Search
8. Advance competitive coding series lec3: Segment Tree The seminars covered various advanced topics in data structures like binary search, segment tree, etc.
> Speaker: Darshan Bari and Yash Agarwal
> Attendance: lec1:48 ,lec2:45, lec3:30

9. Introduction to cpp lec1
10. Introduction to python lec2
11. Indroduction to

F. Version Control :

Using Git for version control Students were taught the benefit of using version control systems, specifically the Git protocol along with a sample repository demonstration on Github
> Speaker: Pratik Ratadiya
> Attendance: 19

II. Non-Technical:

A. Adobe Photoshop

Using Adobe Photoshop for editing The seminar included hands-on of Adobe Photoshop for photo editing
> Speaker: Tanush Maddiwar
> Attendance: 35

B. Digital Marketing

7. Talk on AI by Christian Guttman:

Date:8th March 2019
Time: 3 pm
Venue: PICT Auditorium
Topic: "How Machine Learning & Artificial Intelligence will transform industry and society"
Footfall: 130
Speaker: Dr. Christian Guttmann, German-Australian scientist, Vice-President and Global Head of AI

8.Ctrl Alt Del by Coding Ninja:

Date:17th August ,2019
Time: 6 pm
Venue: Online, Codezen

Topic: Aptitude Test
Registrations: 150

9. Python Workshop by Coding Ninjas:
Date:17th September,2019
Time: 3 pm
Venue: PICT Auditorium
Topic: Python
Footfall: 130
Speaker: Parikh Jain

10. AI Workshop by CyberCure:

11. Hour of Code:
Date: 15th December, 2019
Time: 10.00am
Venue: Mahatma Gandhi School, Yerwada
Topics:
   1. Session 1 for 1st grade students: Basics of computers, MS Paint, Notepad, arithmetic operation
   2. Session 2 for 4th grade students: To make a superhero game from scratch

12. Winter Coding Spree
Date: December 13, 2019

Time: 9:00pm to 12:00am (IST)

Registrations: 480

Contest Topic: Data Structures and Algorithms (Open for all)

Link for registration: https://www.hackerrank.com/pasc-winter-coding-spree

13. Dataquest hosted on Kaggle:

PARTICIPATION OF PASC IN OTHER ACM INDIA ACTIVITIES

   1. ACM Chapter Summit (Pratik Ratadiya and Shreyans Patni)
   2. ACM Compute
   3. GHCI

We the students of PICT ACM Student Chapter got an opportunity to attend Grace Hopper Celebration India, 2019. We are grateful to ACM India for giving us this wonderful opportunity. It was indeed an amazing experience.

Thank you so much @ACMIndia -Shradha Varat

4. ACM-W Hackathon

The students of PICT ACM Student Chapter, Ms. Sarita Joshi, Ms. Nayan Sabnis & Ms. Vedangi Wagh participated in a 24 hour long hackathon that was held on the 16th and 17th of November, 2019. The hackathon was organised by ACM-W, a branch of ACM that supports and advocates for the full engagement of women in all aspects of the computing field.

The theme for the hackathon was environmental health. The students of PASC built an Android application using AI for environmental protection. They created a scale that measures the eco-friendliness of a product based on its composition. For the recycling of various products, they introduced a pick up service by the local authorities. After three rigorous rounds of evaluation, the hackathon ended on 17/11 at 9 AM.

The team from PASC bagged the Second Place from a total of 10 teams in the final round.

For additional information, you can visit the website : http://acmwh19.sicsr.ac.in/.

5. ESP organized by Persistent
Speakers: Sachin Lodha and PK

The students of PICT ACM Student Chapter attended the Session 2 of ACM Eminent Speaker Program Series conducted on 16th November 2019 at Persistent Systems, Pune. The session comprised of talks by two renowned speakers Dr. Sachin Lodha and Dr. Ponnurangam Kumaraguru.

Dr. Sachin spoke about the challenges and opportunities related to privacy. He discussed about various risks possessed to our privacy and how we should be careful about the same. Later, Dr. Ponnurangam spoke about Privacy and Security in Online Social Media. He gave us insights about his research on various social media platforms and their impact on different scenarios in daily life.

It was an amazing experience. We gained an amazing outlook on the given topic.

6. Cyber Security Winter School (Himani Gwalani and Shubhankar Gaikwad)
"I am very lucky to have gotten this opportunity to attend ACM Winter School for Cybersecurity. I would like to thank ACM India and NISER, Bhubaneswar for providing us students with this amazing opportunity. I would also like to thank Pict ACM Student Chapter and Dr.Geetanjali Kale for helping me make out the best out of this opportunity. This experience really helped me learn a lot about the domain from some of the best teachers in India, along with some really amazing peers"-Himani Gwalani

ACHIEVEMENTS OF VARIOUS PASC MEMBERS

1. ACM ICPC Regionals
    I. Pune: Darshan Bari
    II. Amritapuri: Darshan Bari
    III. Kharagpur: Shreyans Patni, Nilakshi Lo, Shahrukh Khan
2. GRE Top-Scorers:
    I. Pratik Ratadiya: 332/340
3. PASC Members in Hackathons:
    I. Smart India Hackathon 2019 winners:
        ● Team- DaemonX , Shoaib Ahmed and Janhavi Dabak
        ● Team- Java_js , Jayprakash Chawla
        ● Team - Atulya_6, Tanvi Bhargavi, Vindeep Chaudhari , Shraddha Varat
        ● Team - hiddenforprivacy, Shivam Balikondwar
    II. Singapore India Hackathon:
        ● Team- DaemonX , Shoaib Ahmed and Janvhi Dabak
    III. Manipal Hackathon:
        ● Team- Codholic ,Shwetali Shimangaud
    IV. Mindspark (C.O.E.P.) Hackathon:
        ●
    V. Barclays Hackathon:
        ● Team- Alpinists , Geet Shingi and Shahrukh Ozair
        ● Team - Deceptcons ,Shreyans Patni
4. Research Papers:
    I. Spam filtering on forums: A synthetic oversampling based approach for imbalanced data classification
        - SciPy India conference by Pratik Ratadiya
    II. Evolution of transfer learning in natural language processing
        - arXiv by Pratik Ratadiya
    III. Multilingual cyber abuse detection using advanced transformer architecture
        - TENCON 2019 by Pratik Ratadiya
    IV. An attention ensemble based approach for multilabel profanity detection
        - ICDM 2019 by Pratik Ratadiya

PICT ACM Student Chapter(PASC) is honored to share with you all that our former Technical Head, Mr. Pratik Ratadiya received a sterling opportunity to present his research paper at the 19th IEEE International Conference on Data Mining(ICDM), a conference ranked A+ in the world.

His research paper, "An attention ensemble based approach for multilabel profanity detection" was presented at the SENTIRE workshop at ICDM'19, Beijing. The core of the project involved tackling the problem of toxicity detection using self attention mechanism coupled with statistical ensembling methods.

With all the experience gathered from the paper presentation and the wisdom imbibed from Dr. Jiawei Han, Dr. Ronald Fagin(stalwarts in Data Mining Domain), and other eminent

personalities, Mr. Pratik Ratadiya gave all the PASC members a deep insight on the domain and motivated all the members to learn, grow and innovate for a better tomorrow.

    V.   Modi 2.0: Use of generative pre-training based transformers for political speech generation
      - ESCI 2020 by Pratik Ratadiya

5. Prestigious Internships:
    I.   Microsoft - Nilakshi Lo
    II.   IIST - Pratik Ratadiya, Yash Agrawal and Vedangi Wagh
    III.   Barclays - Geet Shingi
    IV.   Igalia CE (Chromium Team) - Shivam Balikondwar

6. Pratik Patil - Hyderabad NLP

PROJECTS

1. MCQ Platform for Pulzion Events
2. Event Management System for Pulzion Events
3. Pulzion'19 Registration Application
4. Pulzion'19 Official Application
5. Automated Certificate Allocation System
6. Beta Website of Pulzion'19
7. Official Website of Pulzion'19
8. PASC Website

Authorization & Signatures

Comments and Remarks: No comments or remarks
I hereby certify that the above information has been examined by me and to the best of my knowledge I believe that it is true, correct, and complete, and made in good faith for the fiscal year stated.
Authorizing Officer: Pratik Patil
Section 5 - Finalize Report
The 2019 Report has been finalized.