INFORMATION TECHNOLOGY

Info Quest

(A Technical Magazine)

VOLUME : 11

ISSUE : 2

MONTH : October,2018

VISION & MISSION

Department of Information Technology

📖 **Vision :**

      To become a Centre of Excellence in education and research in the field of Information Technology, to meet global challenges in computing industries.

🔥 **Mission :**

✔ To impart world-class knowledge in the field of Information Technology.

✔ To promote industry-institute interactions to empower the faculty members and students.

✔ To support and facilitate research and development activities.

✔ To develop all round personality by inculcating the values and skills needed for students to upgrade themselves as IT professionals.

Programme Educational Objectives (PEOs)

The graduates will:

PEO1. Technical Expertise: Have high level of technical competency to identify problems and to generate innovative solutions, which would conform to the needs of IT industry.

PEO2. Lifelong Learning: Successfully adapt to changes in roles and responsibilities, through lifelong learning, for collaborating professionally with various stakeholders.

PEO3. Ethical Knowledge: Ethically apply their computing knowledge and skills considering societal, economic and environmental factors.

Programme Outcomes (POs)

The graduates of Information Technology Programme will be able:

PO 1. Engineering knowledge

PO 2. Problem analysis

PO 3. Design/development of solutions

PO 4. Conduct investigations of complex problems

PO 5. Modern tool usage

PO 6. The engineer and society

PO 7. Environment and sustainability

PO 8. Ethics

PO 9. Individual and team work

PO 10. Communication

PO 11. Project management and finance

PO 12. Life-long learning

Programme Specific Outcomes (PSOs)

PSO 1. Open Source Software

PSO 2. Data Science

STUDENT ACTIVITIES

- Event participation
- Workshops
- Paper presentation

Intracollege event
-VARNAM

Winners:

P.Jeevitha And S.Nivetha (II Years)
-1st prize Code2duo

S.Nithyashri And M.Prithika (III Years)
-2nd prize Code2duo

R.Gayathri (III Year)
-1st prize Environmental club event

P.Kaviya (III Year)
-2nd prize Environmental club event

M.S.Harish And T.Sudharsan(III Years)
-1st prize Prayukthi Readers park

R.Barath ,B.Prakash And
B.Syed Neshar(III Years)
-2nd prize Prayukthi Readers park

INTERCOLLEGE EVENTS:

V.Ponmanikandan,D.Rajeshwar,
B.Surya & R.Mohanraj(III Years)
        -CIT Coimbatore Event[19.09.2018].

S.Yamunadevi,S.Krishnapriya,
R.Akila & Pranavathmika(II Years)
            -CIT Coimbatore Event[19.09.2018].

S.Srinivasan,M.Navin kumar,
P.S.Sowbaran,N.Anirudh(II Years)
            -P.A College Event[19.09.2018].

M.Giri,J.Poovendran
        & M.Kartheeswaran(III Years)
-Jai Shriram College,Tiruppur[31.08.2018].

A.Abhiram Kumaar,A.Srinath(III Years)
        -Ramco College,Rajapalayam[31.08.2018].

Nandhini.T & Lakshmi.S(III Years)
        -Hindustan College,Coimbatore [18.08.2018].

SPORTS ACTIVITIES

K.S.Rakunanthan ,T.Sanjay kumar And P.Sudharsan -Handball [24.09.2018] Anna University Zone (Bronze Medal)

M.Dharshini -Chess [25.09.2018] Anna University Zone (Winner)

B. Priyadarshini ,T.Kaviya & J.Angeline -Basket Ball (II Years) Sri Ramakrishna Institute[30.08.2018]

Ashwinth.D -Football (II Year) KPR Institute [28.08.2018] & Kumaraguru College [14.08.2018]

R.Swathi -Volleyball (II Year) Akshaya College [20.08.2018]

Sports Activities

K.S.Meiarasan-Table Tennis (II Year)
- Kumaraguru College[16.08.2018]

M. Navin karthik-Basketball (II Year)
- Kumaraguru College[16.08.2018]

K.Kowsalya-Cricket, Ball Badminton (II Year)
- Kumaraguru College[16.08.2018]

P.Magudeswaran -Volleyball
(II Year) Kumaraguru College[16.08.2018]

Workshops

R.Venkatesh, Viswateja, M.Navin kumar, S.Siranjeevi,N.Divya,Ashwinth, Saravana kumar.

-Workshop on Animation and VFX, MCET[28.09.2018 & 29.09.2018]

KSrivisakan & S.Sudharsan
-Workshop on Android App Development MCET[11.09.2018]

S.Shabir Ahmed ,Sailesh & Abu thahir
-Workshop on MAC App Development MCET[11.09.2018]

T.Nandhini, Sangeetha Rani.P, K.Naazia Lakshmi.S & Sarmila.D
-Workshop on "Privacy And Data Security In Social Media"
Sri Ramakrishna college[21.08.2018]

Paper Presentation

Giri. M & Poovendran.J (III Years)
-Topic:Green House system.
Jai Shriram Engineering College
[31.08.2018]

A.Abhiram Kumaar
& A.Srinath(III Years)
-Topic:Smart Soldiers.
Ramco Engineering College.
[31.08.2018]

P.Jayasri, V.Sangavi &
A.P.Akalya(II Years)
-Topic:Blue Eyes Technology
Park Engineering College.
[07.09.2018]

S.S.Mownesh
&Neeraj kumar (II Years)
-Topic:The Infinity- A continuous AI
SNS Engineering College.
[07.09.2018]

STAFF ACTIVITY

Development Programmes

INFOSYS Campus Connect –
Faculty Enablement Program (FEP) on
Foundation Program (FP) 5.0
Faculty: Ms.D.Janani, AP
Venue: St Joseph Engineering College,
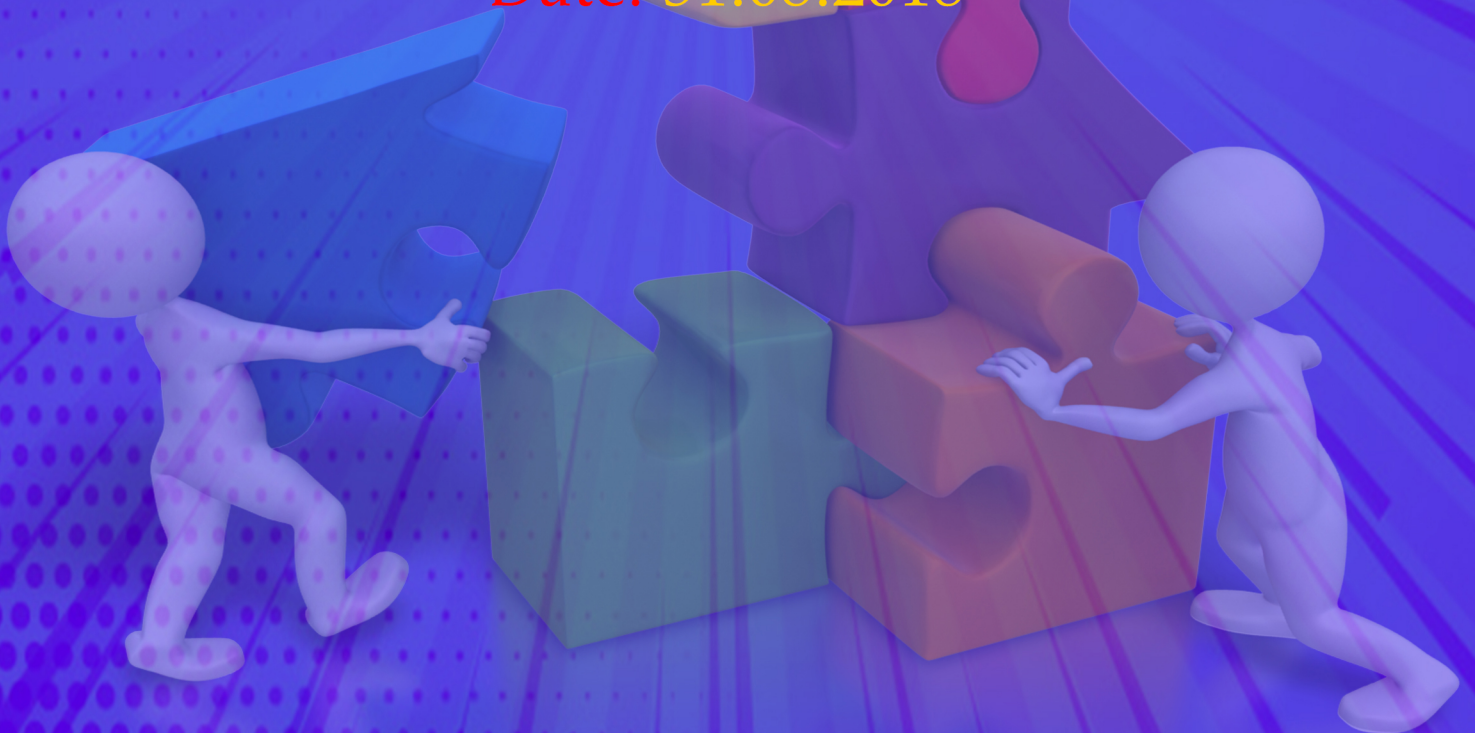Vamanjoor, Mangalore
Date: 06.08.18 to
10.08.18

Redhat Orientation Session
Faculty: Ms.A.G.Priya varshini, AP
Mr.P.Ramprakash, AP
Venue: MCET
Date: 31.08.2018

Development Programmes

Animation and VFX
Faculty: Ms.T.Sumathi, AP
Mr.S.Sasidharan, AP
Ms.A.G.Priya varshini, AP
Venue: MCET
Date: 28.09.2018 &
29.09.2018

Programs Organized

Socio Hack- Project development
Co-ordinators: Mr.K.Balasamy, AP
Mr.N.Praveen Sundra Kumar, AP
Ms.A.G.Priya varshini, AP
Date: 01.08.2018 to 31.08.2018

Alumni interaction (2013-2017 Batch)
Co-ordinators: Mr.K.Balasamy, AP
Mr.N.Praveen Sundra Kumar, AP
Ms.A.G.Priya varshini, AP
Date: 04.08.2018

Programs Organized

Guest Lecture on Robotic process automation
Co-ordinators: Mr.K.Balasamy, AP
Mr.N.Praveen Sundra Kumar, AP
Ms.A.G.Priya varshini, AP
Date: 14.08.2018

Interaction session with parents and students
of first year during inauguration
Co-ordinators: Mr.K.Balasamy, AP
Mr.N.Praveen Sundra Kumar, AP
Ms.A.G.Priya varshini, AP
No, of Participants: First Year IT Students
Venue: CS Hall, MCET
Date: 20.08.2018

Workshop on Unity tool
Co-coordinator: Mr.K.Balasamy, AP
Mr.N.Praveen Sundra Kumar, AP
Ms.A.G.Priya varshini, AP
Date: 07.09.2018

Programs Organized

Hands-on Training on Java struts
and MVC framework
Co-coordinator: Mr.K.Balasamy, AP
Mr.N.Praveen Sundra Kumar, AP
Ms.A.G.Priya varshini, AP
Date: 08.09.2018

Hands-on Training in "Devops Technologies"
for One Credit Course
Resource Person: Mr.D.Sai Natarajan,
Software Engineer,
Duratech Solutions, Coimbatore
Co-ordinators: Dr.S.Ramakrishnan, Prof. & Head
Mr.N.Praveen Sundra kumar, AP
Venue: Data Science Lab, MCET
No.Of Participants: Internal students-60
Date: 08.09.2018

Programs Organized

Hands-on Training in "Graphics using C++"
for One Credit Course
Resource Person: Ms.V.Madhumathi,
CTS, Coimbatore
Co-ordinators: Dr.S.Ramakrishnan, Prof. & Head
D.Janani, AP
Venue: Open source Lab, MCET
No.Of Participants: Internal students-38
Date: 08.09.2018

Hands-on Training in "R Programming"
for One Credit Course
Resource Person: Mr.D.Sai Natarajan,
Software Engineer,
Duratech Solutions, Coimbatore
Co-ordinators: Dr.S.Ramakrishnan, Prof. & Head
Ms.L.Meenachi, AP(SS)
Venue: Cloud Computing Lab, MCET
No.Of Participants: Internal students-30
Date: 15.09.2018

Programs Organized

Hands-on Training in "Hadoop & Hive"
for One Credit Course
Resource Person: Mr. R. Balachandar
Co-ordinators: Dr.S.Ramakrishnan, Prof. & Head
Mr.N.Krishnaraj, AP
Venue: Data Science Lab, MCET
No.Of Participants: Internal students-58
Date: 15.09.2018

Code2duo Event- Varnam
Co-coordinator: Mr.K.Balasamy, AP
Mr.N.Praveen Sundra Kumar, AP
Ms.A.G.Priya varshini, AP
Date: 28.09.2018 &
29.09.2018

Programs Organized

Animation and VFX
Co-ordinators: Dr.S.Ramakrishnan, Prof. & Head
Mr.K.Balasamy, AP
Mr.K.Kanagasabapathi, AP
Mr.J.Ramprasath, AP
Venue: Cloud Computing Lab, MCET
No.Of Participants: External-28
Internal-11
Date: 28.09.2018 & 29.09.2018

Paper Presentation

International Symposium on
Artificial Intelligence and Computer Vision
Title: Detection of Spectrum Hole
using Fuzzy Logic and
Machine Learning Algorithm
Presented by: Dr.S.Ramakrishnan, Prof. & Head
Mr.U.Venkateshkumar,AP/ECE,
Sri Krishna College of Technology, CBE
Venue: Anna University,Chennai
Date: 26.09.2018 to 28.09.2018

Infobee

IT-Association

"ITS NOT THAT WE USE TECHNOLOGY
WE LIVE TECHNOLOGY"

CODE DUO 2

Intracollege event (Varnam)

Round 1:

Cup 'n' Code

Round 2:

Dynamic Duo

Round 3:

Coding Casino

Total teams participated:45

Held on:29.09.2018

Venue:C-Block

Total Prize amount:2.5K

Training Programmes

#INBEE

Hands on training on Javastruts and MVC framework

Date: 08.09.2018

Venue: Cloud Computing Laboratory

No. of Participants: 35 Students

Unity Tool Workshop

Conducted by: S.Ramalingam and M.Abdul Rahman (Final year students-IT)

Date: 08.09.2018

Venue: Software Engineering Lab

No. of Participants: 40 Students

Socio-Hack

-Learning through an event

Problem statement given:
"Local Food Joints near our college"

Handled by:
Ms.A.G.Priya Varshini
Mr.K.Balasamy
Mr.N.Praveen Sundra Kumar

Outcomes focused:
Android with Git version control,
Node.js, Interactive UI.

Participants:20 Students
(12 III years & 8 II years)

Duration:2 weeks

Guest lecture on:
Robotic Process Automation

Chief guest:
Mr.Vasanth (Alumni),
Mr.Tejus Venkateesh,
Robotic Process Automation Evangelist,
UiPath Studios.

No. of Participants: 135 Students + 3 Faculty Members

Date: 14.08.2018 Venue: Electrical Seminar Hall

Alumni Interaction:

About: Discussion about corporate life
and Entrepreneurship
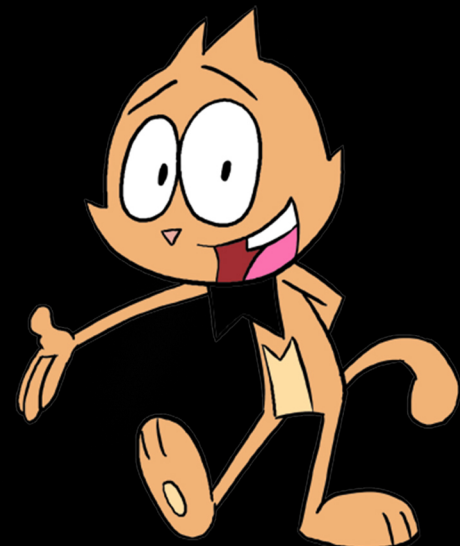
No. of Alumni: 15

No. of Participants: 130 Students

Date: 04.08.2018 Venue: NPT Hall

Parents Interaction for Freshers:

Lead by: Dr.S.Ramakrishnan,
HOD-Information Tecnology.

No. of Participants: 130 Students

Date: 04.08.2018 Venue: CS Hall

#INFOBEE

TRAINING AND PLACEMENT

Carestaff®

ZOHO

PLACEMENT

Amphisoft Technologies Pvt. Ltd. 01

Techardors Pvt. Ltd 01

ViSolve Pvt. Ltd. 3

Tata Consultancy Services Pvt. Ltd. 3

MQ Spectrum Pvt. Ltd. 01

ZOHO

Infosys

PLACEMENT

Zoho Corporation 09

Caresoft Global Pvt. Ltd. 5

Solartis Technology Services Pvt. Ltd 03

Examly 3

Total 29

Infosys

ZOHO

ARTICLES......

The Boon Companion

My love for you is Infinite,
Your care for me is Definite.
You are so responsible,
Which is really adorable.
Your bothering's in my aspect,
Are the gatherings in my heart.
Your marvel guiding lines,
Will never be hiding signs.
You've given good sort of relief,
During all the times of my grief.
It's honestly always your criticism,
Which add effects to make me awesome.
Though you know I'm crazy,
You've never felt it creepy.
You completely know all my flaws,
Yet you never want me to fall,
Which I could happily flaunt.
I owe tons and tons of thanks,
For your efforts to enhance me.
This is not to extol your presence,
But to say you've flavoured a great essecence.

A.P.Akalya
17BIT070

WOMEN DEVELOPMENT ERA

"You can say the condition of the nation by
Looking at the status of the women"
                                    –Jawaharlal Nehru.

India is a heritage country, Culture oriented where we workship female goddesses. We also give great importance to Mother, Sister, Wife, Daughter etc., On the other hand India is also famous for treating women's badly both inside and outside home.

Also, women's themselves are breaking societal barriers and achieving great heights in all the various fields. It is a proud decade for all the women's in India because many of the women were involved in army, navy, air force and many other challenging works.

The various discrimination on women's were eradicated. Now, women's are playing the major roles involved in the development of the country.The concept of women empowerment is not only women's strength and skills to rise above their miserable situation but it also stressesthe need to educate the men regarding women issues and insisting a sense of respect and duty towards women's as equals.

Enable them to realize their full potential. Creation of a peaceful environment for the enjoyment of all the rights and fundamental freedom for women's as equal with men.

God had created men as physically stronger than women primarily to safe guard women. Popular saying, "behind the success of every man there should be a women".

In the upcoming years, we believe that "behind the success of every women there should be the support, guidance and encouragement of man as their backbone".

" Here's To Strong Women
May We Know Them
May We Rise Them
May We Be Them
Be the stronger one

So, that your DAUGHTER
will have a Role model.
And your SON will know
What to look for in a Women
When he was a Man."

P.Kaviya
16BIT024

BLOCK CHAIN

Blockchain technology is a very practical solution to the problem of storing, authenticating and protecting real data. Think of a blockchain as a decentralized, extremely secured database. To get slightly more technical, it is a distributed peer-to-peer ledger of records. While nothing is ever totally 'hack-proof' , blockchain represents a huge leap forwarding compared to our current data security technology as,unlike a centralized database, there's no one single point of failure.

The records in a blockchain are called 'blocks' and every block is connected to the previous block (hence, 'block' and 'chain') . The whole chain is self-managed . It means there is no one person or organization in charge of the en--tire chain. If that sounds familiar, because of the virtual currency. Bitcoin functions on block chain technology.

Financial services, insurance and healthcare are just some of the sectors where blockchains are likely to be heavily adopted. In fact, 90 percent of major European and North American banks are exploring blockchain solutions.
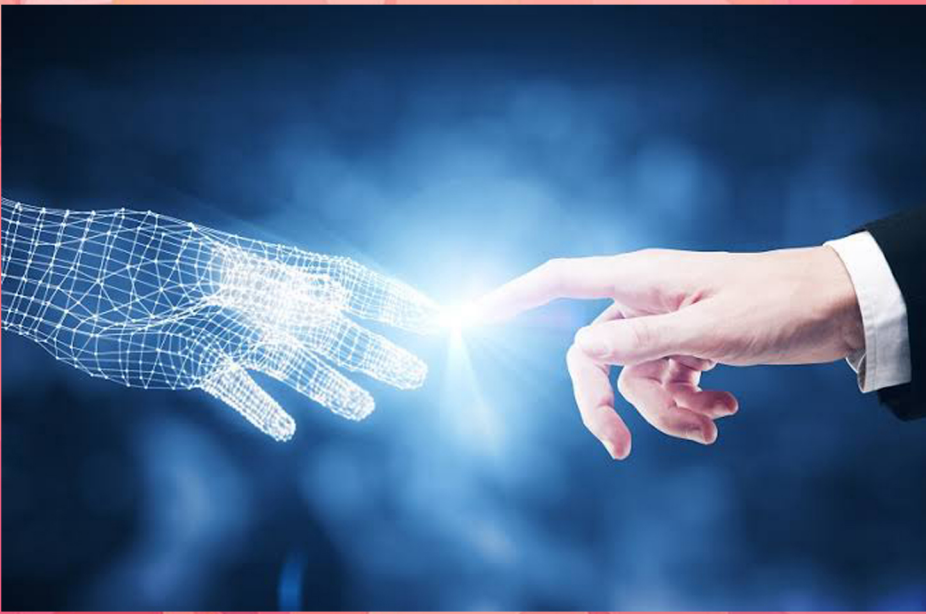
- PRIYADHARSHINI T
III IT

DIGITAL TW INS

"THE GOAL IS TO FABRICATE, TEST AND PRODUCE PRODUCTS IN A VIRTUAL SPACE" .

Digital twins, the concept of having virtual or digital representations for physical products or assets as we know it now was born at the beginning of this millennium. This idea is about developing in IOT space and it would be the bridging of digital and physical worlds in Industry 4.0, the digital transformation of manufacturing and the industrial markets overall, including smart supply chain management. Digital twin is about the transformation of physical assets into digital copy with the help of the digital twin is a virtual model of a process, product or service.If you take into account what NASA did as explained on that page you can even go back further. Digital twins remove the silos, inefficiencies, uncertain--ties , errors and huge resources in working with models.

It's Technology that is dynamic, learning and intera--ctive which has been imple--mented in various sectors for example software like apple's SIRI . It covers three major areas:

- Design - operational insight
- Build - continuous learning
- Operate- Information service

It monitors the status and working condition of the system which actually can decrease 50% of time and cost spent for the development and it finds the root cause of issue and in--creases the productivity.

"Whatever the mind of man can conceive and believe, it can be achieved"

The technological evolution has made a tremendous change in every nook and corner of the world.Digital twins integrate the artificial intelligence, machine learning and software analytics. It also integrates historical data from past machine usage to factor into its digital model.

In the context of the IoT, these twins are referred as "CYBEROBJECTS", or " DIGITAL AVATARS ".It is one of the best way to bring static objects into digital world. These twins acts as the representation of assets & processes which are used for understanding and prediction.

-RAMPRIYA R
II IT

ONE

One fine day, I had planned to spend some time with my friend who was staying at Coimbatore. From the morning itself, that One's play has started. When I take my shirt from the hanger, a One rupee coin drops down from the pocket. Though I noticed that I didn't care about that and left.

Then in the bus, conductor scolded the passenger for same one rupee change. At the same bus another one person accidentally drops a one rupee from his purse, eventhough he notices that one rupee he doesn't take that.
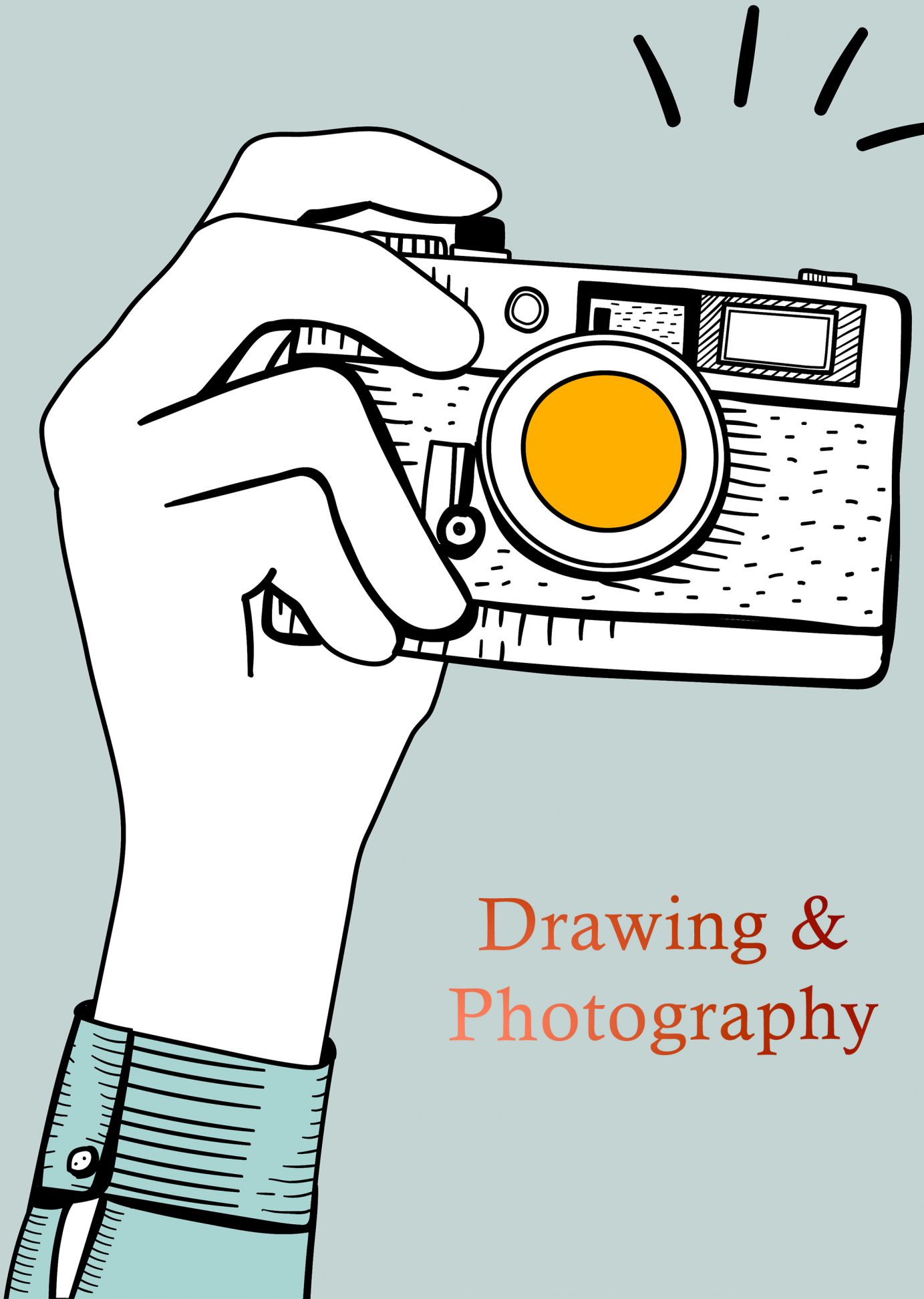
Then in the bus stand, a person gave a one rupee to an old beggar. That beggar seen the person as a god. On that day, that one rupee had great impact on my mind. I understand that even a one rupee may change anything.

Its not about currency, even one great thought in one's mind will lead him to a great success. At the same time one evil thought may lead him to great failure.

"Don't underestimate the power of One"

-M.Giri
III IT

Drawing & Photography

Padmini
II-IT

Atchaya
II-IT

Gokulapriya
2nd yr IT

Gowri
3rd yr IT

Shyaam
4th yr IT

Priyadharshini
3rd yr IT

Harshitha
3rd yr IT

Janani
3rd yr IT

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