

# A chronicle of RISE

(Research, Innovation, Skill and Entrepreneurship)

**An OPFLC initiative**  
(Session-2018-2019)



Close to 121 activities including workshops, symposia, conferences and roundtables were organised by OPFLC, CEED, Office of Doctoral Programs and Office of Dean Research, under RISE (Research, Innovation, Skill and Entrepreneurship). This year equal thrust was given to all the four verticals. The summary / chronicle is given below:

Name of the workshop/ seminar	Related to	Number of Participants	Dates	Resource Person	Page No.
Seminar on First Wall Application	Skill Development	80	24-07-2018	Vikas Sharma	1
Seminar on Wealth Management	Skill Development	100	27-07-2018	Mr Shwinder Raj Singh Mr. Ajay Banga	2
Seminar on Television journalism	Skill Development	80	30-07-2018	Mr. Aman Gupta	3
Workshop on Artificial Intelligence	Skill Development	12	06-08-2018 to 10-08-2018	Dr. Ramkumar K R	4
Workshop on Make Your First AR/VR Application	Skill Development	10	06-08-2018 to 10-08-2018	Ms. Neha Tuli	5
Workshop on Startup to Enterprenuer	Skill Development	85	13-08-2018	Mr. Sameer	6
Workshop on Make Your First AR/VR Application	Skill Development	7	20-08-2018 to 24-08-2018	Ms. Amanpreet Kaur	7
Seminar on Creativity in design communication	Skill Development	72	24-08-2018	Taranveer Singh	8
Workshop on Make Your First Drone	Skill Development	8	27-08-2018 to 31-08-2018	Ms.Bhanu Sharma	9
Workshop on Power Tools and 3D Printing	Skill Development	8	27-08-2018 to 31-08-2018	Mr.Chanpreet Singh	10
Workshop on Artificial Intelligence	Skill Development	8	07-09-2018	Dr. Ramkumar K R	11
Seminar on Recent Trends in Pharmaceutical Sales	Skill Development	30	15-09-2018	Mr Pankaj Gursahani	12
Skill Development Training on Access control System	Skill Development	22	17-09-2018	Mr. Mohan Prasad	13
Workshop on Goal Setting and Time Management	Skill Development	44	17-09-2018	Ms Shelly Sharma	14
Workshop on Make Your First AR/VR Application	Skill Development	5	17-09-2018 to 21-09-2018	Mr. Shivam Sharma	15

Name of the workshop/ seminar	Related to	Number of Participants	Dates	Resource Person	Page No.
Workshop on Power Tools and 3D Printing	Skill Development	6	17-09-2018 to 21-09-2018	Mr. Nikhil Sharma	16
Workshop on Make Your Computer Speak	Skill Development	8	17-09-2018 to 21-09-2018	Mr. Virendar Kadyan	17
Entrepreneurship: A Journey of Thousand Miles	Entrepreneursh ip	70	18-09-2018	Mr Sameer Sharma Mr Aanan Khurma	18
Technovanza (Workshop on Google Assistant)	Skill Development	50	20-09-2018	Dr. Amandeep Kaur Bhullar	19
Workshop on Artificial Intelligence	Skill Development	7	24-09-2018 to 28-09-2018	Dr. Ramkumar K R	20
Workshop on 3D Wall Installation	Skill Development	38	25-09-2018	Ar. Siddharth Bansal	21
Startup Weekend Chandigarh	Entrepreneursh ip	130	28-09-2018 to 30-09-2018	Mr Aditya Ranjan	23
Seminar on Turning Dreams into Reality	Skill Development	35	29-09-2018	Mr. Pankaj Sharma	25
Workshop on Make Your First AR/VR Application	Skill Development	14	08-10-2018 to 12-10-2018	Ms. Neha Sharma	26
Workshop on Basics of Electronics	Skill Development	7	08-10-2018 to 12-10-2018	Ms. Rupinder Kaur	27
Workshop on Electronics Made Easy	Skill Development	8	08-10-2018 to 13-10-2018	Ms. Rubina Dutta	28
Workshop on Internet of Things (IOT)	Skill Development	25	08-10-2018 to 13-10-2018	Ms. Vidyothma	29
Workshop on Make Your First Drone	Skill Development	5	09-10-2018 to 15-10-2018	Ms. Bhanu Sharma	30
Workshop on Internet of Things: Todays and Tomorrows Technology	Skill Development	27	12-10-2018	Ms. Vidyothma Gandhi Dr. Amandeep Kaur Bhullar	31
Seminar on Employability Skills for Pharmaceutical Industry	Skill Development	51	15-10-2018	Mr. C. Shetty	32
Seminar on Corporate & Retail Banking	Skill Development	33	15-10-2018	Dr. Himesh Sharma	33
Seminar on Digital Transformation in Retail	Skill Development	53	15-10-2018	Mr. Ramkumar Venkateswaran	35

Name of the workshop/ seminar	Related to	Number of Participants	Dates	Resource Person	Page No.
Workshop on 3D Wall Installation	Skill Development	21	15-10-2018	Varinder Kaur	37
Workshop on IOT and Cloud Computing Interfacing Lab using NODEMCU	Skill Development	30	15-10-2018	Mr. Rajesh Kaushal Mr. Naveen Kumar	38
Workshop on PBL Using Tinker Card	Skill Development	6	15-10-2018 to 22-10-2018	Ms. Rubina Dutta	39
Workshop on Learn Linux in Just 5 Days	Skill Development	10	15-10-2018 to 22-10-2018	Mr.Gourav Goyal	40
Workshop on Interfacing With Raspberry Pi Basics	Skill Development	36	15-10-2018 to 22-10-2018	Mr. Naveen Sharma	41
Basics of Raspberry PI & Web Interface Development	Skill Development	31	16-10-2018 to 23-10-2018	Mr. Rajesh Kaushal Mr. Naveen Kumar Mr. Jatinder Ashta	42
Seminar on Production of films	Skill Development	72	22-10-2018 to 26-10-2018	Meagen	43
Workshop on Media Management	Skill Development	70	22-10-2018 to 26-10-2018	Dr. Florian Haumer	44
Workshop on Cinematography for films	Skill Development	40	22-10-2018 to 26-10-2018	Randy Baker	45
Workshop on Make Your First Drone	Skill Development	5	22-10-2018 to 26-10-2018	Ms. Bhanu Sharma	46
Workshop on Make Your First AR/VR Application	Skill Development	7	23-10-2018 to 27-10-2018	Mr. Gurwinder Singh	47
Skill Development Training on CCTV System	Skill Development	21	25-10-2018	Ms. Gajalakshmi	48
International Conference on Informatics Tools in Drug Discovery and Drug Delivery	Skill Development	250	31-10-2018	Dr Dmitry Sergeevich Druzhilovskiy and all	49
Workshop on Pharma Industry Oriented Certification	Skill Development	100	31-10-2018	Dr Manish Diwan Dr. Manu Choudhary	51
Skill Development Training on Fire Fighting	Skill Development	23	01-11-2018	Mr. Ajay Bansal	54
Workshop on Power Tools and 3D Printing	Skill Development	4	13-11-2018 to 17-11-2018	Mr. Amrinder Singh	55
Skill Development Training on Building Management System	Skill Development	21	22-11-2018	Mr. Packiaraj	56
Design and Analysis of VLSI circuits using EDA tools (Physical Design Automation using Cadence Virtuoso and Front End Design using	Skill Development	20	10-12-2018 to 20-12-2018	Ms. Rupinder Kaur	57



Name of the workshop/ seminar	Related to	Number of Participants	Dates	Resource Person	Page No.
Cadence Encounter Digital Implementation System/Xilinx ISE)					
Skill Development Training on Home Automation Electrical Safety	Skill Development	38	11-12-2018	Mr. Eric DUPONT	59
Seminar on Digital Selling in Pharmaceuticals	Skill Development	51	14-12-2018	Mr. C. Shetty	60
IoT and Embedded systems (FDP) by ST Microelectronics, Noida	Skill Development	21	17-12-2018	Mr.Alok Kumar Mittal	61
Workshop on Self Discovery and Personality Development	Skill Development	24	18-12-2018	Ms. Shalley Sharma	63
Ingenuity Post Event	Entrepreneursh ip	30	18-12-2018	Dr. Nitin Saluja Dr. Virender Kadyan Mr. Gaurav Goyal	64
Quantitative Pharma Education in Pharma Technology and Practices	Skill Development	165	22-12-2018 to 30-12-2018	Prof. S.K. Sharma	65
Seminar on mathematics for engineers	Skill Development	29	22-12-2018	Ms. Deepika	68
Workshop on Application of SPSS in Data Analysis	Skill Development	10	27-12-2018 to 31-12-2018	Dr Pawan Kumar Chand Dr Deepika Jhamb	70
Workshop on Qualitative Research Methods and Analysis	Skill Development	30	14-01-2019 to 16-01-2019	Dr Harmeet Kaur	72
Workshop on Thalís of India	Skill Development	85	15-01-2019	Chef Vishavdeep Bali	73
Skill Development Training on -Building insulation & Thermal Comfort	Skill Development	24	19-01-2019	Ajay Bansal	74
Workshop on Intellectual Property Rights	Skill Development	120	21-01-2019	Mr. Vijay Shivpuje	76
Workshop on Communication Skills	Skill Development	30	22-01-2019	Mr. Aman Sharma	77
Workshop on Sensitivity and changing trends of hospitality	Skill Development	70	24-01-2019	Ms. Meenakshi	78
Skill Development Training on vehicle maintenance	Skill Development	25	31-01-2019	Dr Anoop Kumar Singh	79
Workshop on Drug Design	Skill Development	100	31-01-2019	Mr. Jitesh Doshi	80
Workshop on How to become a successful Entrepreneur	Skill Development	80	08-02-2019	Mr. Samsher Singh	82
Seminar on Public Relation Skills	Skill Development	50	08-02-2019	Sagar Vishnoi	83

Name of the workshop/ seminar	Related to	Number of Participants	Dates	Resource Person	Page No.
Workshop on Internet of things-Today's & Tomorrow's Technology	Skill Development	37	11-02-2019 to 15-02-2019	Ms. Vidyothma Gandhi Dr.Amandeep Kaur Bhullar	84
Workshop on Automatic Speech Recognition Using Machine Learning	Skill Development	2	11-02-2019 to 15-02-2019	Dr. Virender Kadyan	85
Workshop on Internet of Things Today's and Tomorrows Technology	Skill Development	37	11-02-2019 to 15-02-2019	Ms. Vidyotma Gandhi	86
Workshop on Java for Beginners	Skill Development	5	11-02-2019 to 15-02-2019	Mr. Kamaldeep Garg, Mr. Vivek Bhardwaj	87
Workshop on Make your first Augmented Reality Applications	Skill Development	5	11-02-2019 to 15-02-2019	Ms. NehaTuli	88
Workshop on Bring your first E-Design to Life	Skill Development	28	11-02-2019 to 15-02-2019	Ms. Rubina Dutta	89
Workshop on Culinary Studio Kitchen	Skill Development	12	11-02-2019 to 15-02-2019	Chef. Kapil Bhardwaj	90
Regional level CSI convention 2019	Skill Development	100	15-02-2019 to 16-02-2019	Prof. (Dr.) A.K. Nayak	91
Nuts & Bolts of Python Programming (Workshop Under CSI)	Skill Development	35	15-02-2019 to 16-02-2019	Mr. Rajesh Kaushal	93
IoT Solution for Next Generation	Skill Development	39	15-02-2019 to 16-02-2019	Mr. Naveen Kumar	94
Workshop on Content writing for Radio	Skill Development	150	16-02-2019 to 16-02-2019	Naved Khan	95
Workshop on Experimental Study on Wireless Sensor Network using MATLAB	Skill Development	28	18-02-2019 to 22-02-2019	Dr. Amandeep Bhullar	97
SURGE 0.1	Entrepreneurship	200	18-02-2019 to 22-02-2019	Mr. Denny Kurein	98
Workshop on Automatic Speech Recognition Using Machine Learning	Skill Development	12	18-02-2019 to 22-02-2019	Dr. Virender Kadyan	99
Workshop on Game Design	Skill Development	29	18-02-2019 to 22-02-2019	Mr. Parminder Singh	100
Workshop on Bakery and Pastry	Skill Development	3	18-02-2019 to 22-02-2019	Chef. Tarun	101
Workshop on Experimental Study of Wireless Sensor Network (WSN) Using MATLAB	Skill Development	28	18-02-2019 to 22-02-2019	Dr. Amandeep Kaur	102
Workshop on Basics of Unity 3D	Skill Development	9	04-03-2019 to 08-03-2019	Ms. NehaTuli	103

Name of the workshop/ seminar	Related to	Number of Participants	Dates	Resource Person	Page No.
Seminar on Challenges and opportunities in Film industry	Skill Development	120	05-03-2019	Chandan Singh Gill	104
Seminar on Anchoring Skills	Skill Development	120	05-03-2019	Ravneet Singh	106
Seminar on New Reading Anchoring Skills	Skill Development	120	05-03-2019	Gaurav Shukla	107
Workshop on Solar Cell Device Simulation	Skill Development	11	05-03-2019 to 11-03-2019	Dr. Rahul Pandey, Dr.Jaya Madan	109
Workshop on Make your Own Sensor Board/ Electronics Made Easy	Skill Development	7	05-03-2019 to 09-03-2019	Dr. Harsimranjit Kaur	110
Workshop on Bring your first E-Design to Life	Skill Development	4	05-03-2019 to 09-03-2019	Ms. Rubina Dutta	111
Workshop on Personal Effectiveness Workshop	Skill Development	4	05-03-2019 to 09-03-2019	Ms. Ishita Gulla	112
Seminar on Writing Skills	Skill Development	80	06-03-2019	Vinit K. Bansal	113
Workshop on Photography	Skill Development	21	11-03-2019 to 15-03-2019	Ms. Bhavana Sharma	115
Workshop on Make your first Augmented Reality Applications	Skill Development	6	11-03-2019 to 15-03-2019	Ms. NehaTuli	116
Workshop on Make your First Drone – Basics of System Integration	Skill Development	6	12-03-2019 to 16-03-2019	Ms. Bhanu Sharma	117
Workshop on Make your Own Sensor Board/Electronics Made Easy	Skill Development	11	19-03-2019 to 23-03-2019	Dr. Harsimranjit Kaur	118
Seminar on Digital Dinosaur! Transformational Strategies for Digital Excellence	Skill Development	40	25-03-2019	Mr. Jagmohan Singh Rishi	119
Workshop on Solar Cell Device Simulation	Skill Development	11	25-03-2019 to 29-03-2019	Dr. Rahul Pandey, Dr.Jaya Madan	120
Workshop on Basics of Unity 3D	Skill Development	3	25-03-2019 to 29-03-2019	Ms. NehaTuli	121
Workshop on Personal Effectiveness Workshop	Skill Development	28	25-03-2019 to 29-03-2019	Ms. Ishita Gulla	122
Mentor Mentee Meet	Entrepreneurship	39	29-03-2019	Mr. Shubham Goyal and all	123
Skill Development Training on Past, Present and Future of Refrigerant	Skill Development	57	04-04-2019	Mr. C. Subramaniam	124
Workshop on Creativity how to implement your ideas	Skill Development	38	04-04-2019	Mrs. Inga Bermika	125
Workshop on Kashmiri Cuisine	Skill Development	60	05-04-2019	Chef Yaseen Reshi	127
FDP on Application of MATLAB in research	Skill Development	48	08-04-2019	Dr. Reetu Malhotra	128

Name of the workshop/ seminar	Related to	Number of Participants	Dates	Resource Person	Page No.
Workshop on Yoga and stress Management	Skill Development	34	10-04-2019	Ms. Priyanka Rani Ms. Divya Bagai	129
Workshop on Linux Shell Scripting	Skill Development	7	15-04-2019 to 18-04-2019	Mr. Jatin Arora	130
Workshop on Python Programming	Skill Development	5	15-04-2019 to 19-04-2019	Mr. Vivek Bharadwaj	131
Workshop on Cyber Security and FPGA	Skill Development	8	15-04-2019 to 19-04-2019	Dr. Ramkumar K R	132
Seminar on Advances in Electrotherapy	Skill Development	37	18-04-2019 to 19-04-2019	Mr P R Anand Kumar	133
Pitch Perfect	Entrepreneursh ip	47	18-04-2019	Mr. Sumeer Walia	134
Workshop on TV commercial	Skill Development	21	22-04-2019 to 27-04-2019	Mr. Donovan Wodehouse	135
Workshop on Automatic Speech Recognition Using Machine Learning	Skill Development	7	22-04-2019 to 26-04-2019	Dr. Virender Kadyan	137
Workshop on Google News Lab on Investigative and Data Journalism, Verification and Fact Checking	Skill Development	80	23-04-2019	Ms Geetika	138
STARTUP DAY	Entrepreneursh ip	12	26-04-2019	Mr. Jazzy Sihota Dr. Sandhir Sharma and all	140
Workshop on Cyber Security and FPGA	Skill Development	10	03-05-2019 to 08-05-2019	Dr. Ramkumar K R	141
Investment Banking Workshop - 2019	Skill Development	26	20-05-2019 to 24-05-2019	Mr. Aayush Bajaj Mr. Rahul Talwar	142
Workshop on Coding for Medical Imaging Professionals	Skill Development	35	28-05-2019	Dr Murali, Mr. Salil Gupta, Ms. Soumya Gaur	144
Faculty Development Program on Entrepreneurship from idea to commercialization on Creating and using online platform for academic interaction, teaching content and student evaluation	Skill Development	190	05-06-2019 to 09-06-2019	Dr. Sandeep Kumar Dr. Upendra Nagaich Dr. Saahil Arora Dr. Ashwani Bhatia	146

## Seminar on First Wall Applications

Date: 24 July 2018

**About Speaker:** Vikas Sharma, one handling the First Wall App at Danik Bhaskar

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First Wall, the first social video app has been launched by Dainik Bhaskar and Vikas Sharma from organization visited the department and apprised the students about the app. 'Dekho bhi, dikhao bhi' is the app punchline that attracts the netizen to visit and contribute content for the site.

Sumit Chaudhary from Bachelor's second year has been selected as the representative for the FirstWall social video app from Chitkara.



*Collage showing Vikas Sharma educating the students about the use of First Wall app*



## Seminar on Wealth Management

Date: 27-07-2018

**Summary:** Wealth Management is an investment advisory service that combines other financial services to address the needs of affluent clients. It is a consultative process whereby the advisor gleans information about the client's wants and tailors a strategy utilizing appropriate financial products and services. This is holistic approach in which a single manager coordinates all the services needed to manage their money and plan for their own or their family's current and future needs. The wealth manager starts by developing a plan that will maintain and increase a client's wealth based on that individuals financial situation, goals and comfort level with risk. After the original plan is developed, the manager meets regularly with clients to update goals, review and rebalance the financial portfolio, and investigate whether additional services are needed.

Mr Shwinder Raj Singh is reckoned as reputable thought leader by proven success in Financial Services and Real Estate. Mr. Ashwinder possesses proven entrepreneurial prowess having been a key member of the core start up team responsible for the successful launch of organizations like Bajaj Housing Finance Ltd, IndiaHomes.com& Fullerton. He got most enterprising CEO of the year Award in 2016 by CMO Asia. Best new leader- JLL India in 2016. He also got recognition for being nominated for the "Citi Award of Excellence" at a Global stage By Mr. Ajay Banga, CEO-Citi global consumer bank in 2007.



## Seminar on Television Journalism

Date: 30<sup>th</sup> July, 2018

**About Speaker:** Mr. Aman Gupta in Alumni Session (Video Journalist with Republic TV)

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Mr. Aman Gupta, alumni of #CSMC ( BJMC ) batch 2009 interacted with students on various aspects of #TVjournalism and shared his 9 years journey of the media world after University days. He said that passion for the profession and skill are must in this competitive world and now 24 X 7 media demands more commitment from any practitioner.

Mr. Gupta shared about various stories which he covered for #electronic media as #video journalist and said that a new perspective on issues and its interpretation makes your routine story as an exclusive one if one has an eye for it. He elaborated about political stories, stories coming from the conflict zone and disturbed areas and said that presence of mind and quick decision taking nature are essentials in audio-visual media.

Students asked various questions to Mr. Gupta about media ethics, role and responsibility of journalist and also about the academic-industry interface to which he answered with his experienced examples.



*Collage showing Aman Gupta interacting with CSMC students along with the faculty*

## Workshop on Artificial Intelligence

**Resource Lead:** Dr. Ramkumar K R, Associate Professor, CURIN, Chitkara University

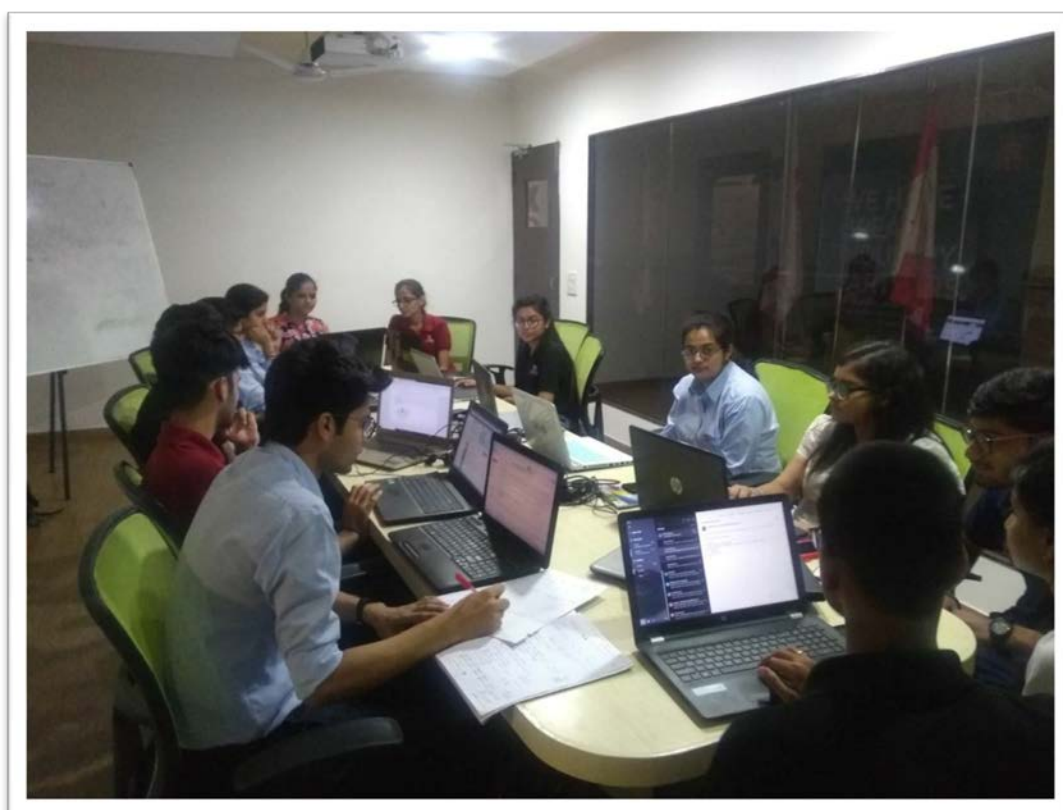
**Theme :** The basics of Artificial Intelligence with respect to Neural Networks , Machine and Deep Learning and applications of A.I

**Description:**

The main aim of this course to teach the basics of Artificial Intelligence to the students and the overview of Neural Networks, Machine Learning algorithms include classification, clustering and predictive models were taught to student with hands on experience. The tools used are Python and R studio.

**Date of Event:** 6-10 Aug., 2018

**Total number of Students:** 12



*Workshop on artificial intelligence*



## **Workshop on Make Your First AR/VR Application**

**Date of Event:** 6-10 Aug., 2018

**Resource Lead:** Ms. Neha Tuli

**Theme :** Developing Augmented and Virtual Reality applications

### **Description:**

This workshop aims to give a hands on experience to do Augmented and Virtual Reality programs, to develop small games and animation programs for understanding both AR and VR. The both AR and VR are the emerging markets that has a great potential to create a new kind of jobs to this young generation. This program got an overwhelming response from the students and five complete batches were completed.

**Total number of Students:** 10



*Workshop on Make Your First AR/VR Application*

## **Workshop on Startup to Entrepreneur**

**Date: 13/08/2018**

Chitkara College of Hospitality Management organized a workshop for the 6th-semester students on “Startup to Entrepreneur” on 13.08.18 at 10.30 am at Chitkara University. The students had a lively interactive session, with the speakers, clearing doubts and myths about entrepreneurship. The entrepreneurship qualities and Information needed to prepare a business plan was discussed. Mr. Sameer, Revenue Manager, Hotel JW Chandigarh was the resource person. The Startup Experience introduces students to the entrepreneurial mindset and provides hands-on training in high impact entrepreneurship. Participants develop creative capacity, entrepreneurial confidence, and acquire the necessary skills to build scalable startups that solve real problems. 85 students participated in the workshop.



*An interactive session with students to inculcate entrepreneurship skills*

## **Workshop on Make Your First AR/VR Application**

**Date: 20-24 Aug., 2018**

**Resource Lead:** Ms. Amanpreet Kaur

**Theme :** Developing Augmented and Virtual Reality applications

### **Description:**

This workshop aims to give a hand on experience to do Augmented and Virtual Reality programs, to develop small games and animation programs for understanding both AR and VR. The both AR and VR are the emerging markets that has a great potential to create a new kind of jobs to this young generation. This program got an overwhelming response from the students and five complete batches were completed.

**Total number of Students: 7**

*Workshop on Make Your First AR/VR Application*

## Seminar on Creativity in Design Communication

Date: 24 August 2018

**About Speaker:** Taranveer Singh is presently working as Creative head at Paintbox Production | Creative Trainee | Expertise in Art Direction and Visual Developing | Worked for Uber, Greenlam Laminates, Mantav Rice, BJP, Highfield, Tynor etc

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Taranveer Singh is an alumni of School of Mass Communication who has immense talent and has actively worked with Inoty creations. Being an avid graphic lover, he has worked with amazing brands during his course and won accolades from the brand owners. While interacting with the students he motivated them to think out of the box and work on themselves for achieving their goals. He apprised the students to be proactive in learner and not just do assignment for the sake of doing it, rather learner it to the perfection. Keeping oneself updated with the recent trends of the market is also important to be in the race. He showcased his work to the students which made them astonished and admired his work as a graduate students from the University. Being a hardcore professional, he educated the students to develop the skills for which they should be paid for and nothing comes easy for achieving success.



*Collage showing Tranveer Singh interacting with CSMC students along with facilitation by the faculty*



## Workshop on Make Your First Drone

Date: 27-31 Aug., 2018

**Resource Lead:** Ms.Bhanu Sharma

Theme: Making the First drone with simple functionalities

### Description:

The students were trained for making unmanned vehicles, design structure and Stabilizing propellers using IMU, Interface with RC, and final simple built of Drone. The drone making is professional task and made for multiple applications. This program starts form basics and students are given the overall experience of making a drone by their own hands.

**Date of event:** 27-31 Aug., 2018

**Total number of Students:** 8



*Workshop on make your first drone*

## Workshop on Power Tools and 3D Printing

Date: 27-31 Aug., 2018

**Resource Lead:** Mr.Chanpreet Singh, Project Manager, CURIN, Chitkara University

Theme: Learning Power Tools and 3D printing

**Description:** This course aims to give the basic knowledge of Power tools and making 3D printing, the 3D printing is an emerging technology that creates a new wave of opportunities to the students. The basic design principles were taught to students to make some minute designs , and a hands on session is conducted to teach the students about the procedures to handle power tools with safety measures.

**Total number of Students:** 8



*Workshop on Power Tools and 3d Printing*

## Workshop on Artificial Intelligence

Date: 7 Sept., 2018

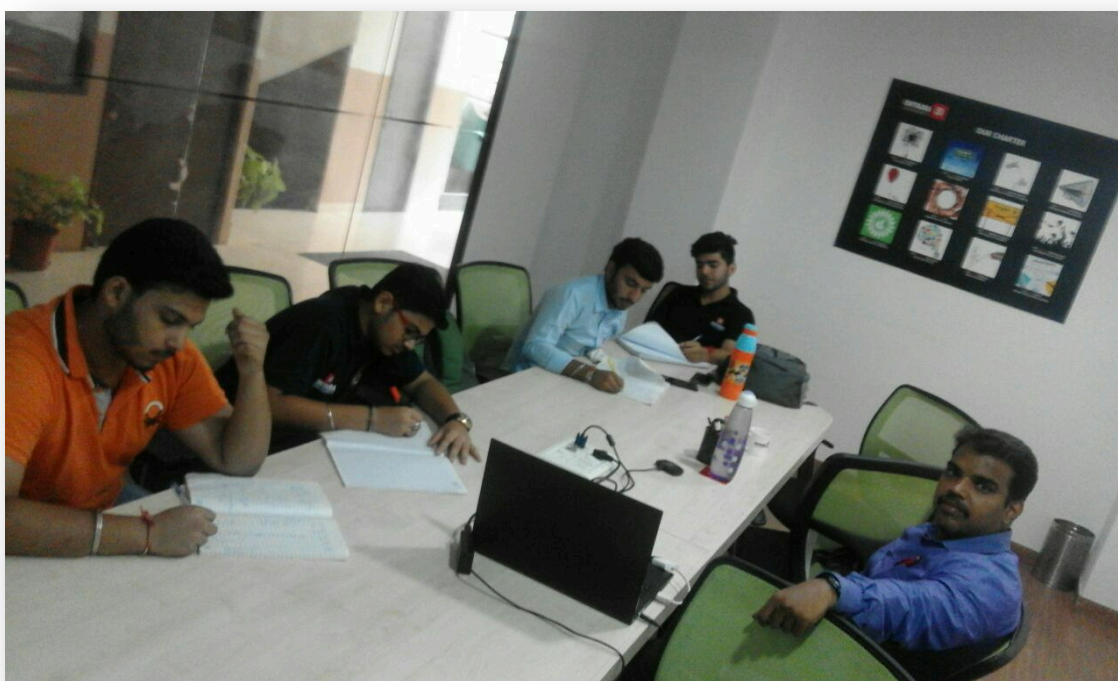
**Resource Lead:** Dr. Ramkumar K R, Associate Professor, CURIN, Chitkara University

Theme : The basics of Artificial Intelligence with respect to Neural Networks , Machine and Deep Learning , and applications of A.I

### Description:

The main aim of this course to teach the basics of Artificial Intelligence to the students, and the overview of Neural Networks, Machine Learning algorithms include classification, clustering and predictive models were taught to student with hands on experience. The tools used are Python and R studio.

Total number of Students: 8



*Workshop on artificial Intelligence*



## Recent Trends in Pharmaceutical Sales

Date: 15-09-2018

**Resource Person:** Mr Pankaj Gursahani, Astra Zeneca

Mr Pankaj Gursahani from pharma Giant Astra Zeneca visited Chitkara University, Pb and shared recent trends in Pharmaceutical sales. He shared how pharma products selling has changed over a period of time. Around 25 years ago, sales people needed to visit physicians or Health care professionals and present their products, was more than enough to fetch satisfactory results in terms of prescriptions generation from Drs. However with ever increase in number of companies, new innovations, Availability of both generic and branded generics, pharmaceutical marketing and sales have become more complex. It has become challenge for marketing to do segmentation, targeting and positioning. For sales people challenge is as to how grab physician's time for presentation of their products. Due to number of sales representatives, Physicians have considerably reduced time for pharma sales professional for interview. Moreover availability of E-pharmacies is new trend in retailing of medicines. It is important in pharma selling to upgrade excellent scientific knowledge with latest innovations and ever changing prescribing habits/preferences of HCPs.

Mr Pankaj Gursahani is Ph.D Human Resource from west coast University, Panama. Mr Pankaj has two decades of experience in L& D , Strategic Planning, business consulting, sales and marketing. Mr Gursahani has rich industry experience working in sales and marketing in Eli Lilly, Chevron Lubricants, Reliance life sciences.



*Dr Pankaj Gursahani with CCSM team and students after his session on Recent trends in Pharma sales*



## Skill Development Training on Access Control System

Date: 17<sup>th</sup> September 2018

### Details of the Event:

Department of Electrical Engineering, Chitkara University, Punjab has organized a training on "Access Control" on 17<sup>th</sup> September 2018 by Mr. Mohan Prasad, Siemens Building Technology. In the fields of physical security and information security, access control (AC) is the selective restriction of access to a place or other resource while access management describes the process. The act of accessing may mean consuming, entering, or using. Permission to access a resource is called authorization. 22 Electrical engineering students attended this session.



## Workshop on Goal Setting and Time Management

**Date: 19-09-2017**

**Resource Person:** Ms Shelly Sharma, HR Mentorz

A one day seminar on Goal setting & Time Management was organized by Chitkata College of Sales & Marketing, Chitkara University, Pb. Ms Shelly Sharma from HR Mentorz was speaker on the occasion. For any kind of success, be it in business, academics, task accomplishment etc, Setting goals and practicing time management techniques are two necessary elements. Universally acceptable and followed technique is SMART- specific, measurable, attainable, realistic and timely. Time management comes into Play with measurable and timely aspect of goal. Time management is set of common sense skills which help you use your time productively. Following tips may help utilizing time productively and goal oriented:

- Determine which things you do are important and which can be dropped.
- Use your time in the most effective way possible.
- Control distractions that waste time.
- Avoid procrastination.

Ms Shelly Sharma is professional trainer and motivational speaker, has a rich experience in training industry professional and students for life skills, goal setting, team building skills.



*Ms. Shelly making students learn to implement Goal setting and time management through the activity.*

## **Workshop on Make Your First AR/VR Application**

**Date: 17-21 Sept., 2018**

**Resource Lead:** Mr. Shivam Sharma

Theme: Developing Augmented and Virtual Reality applications

### **Description:**

This workshop aims to give a hands on experience to do Augmented and Virtual Reality programs, to develop small games and animation programs for understanding both AR and VR. The both AR and VR are the emerging markets that has a great potential to create a new kind of jobs to this young generation. This program got an overwhelming response from the students and five complete batches were completed.

**Total number of Students:** 5

*Workshop on Make Your First AR/VR Application*

## **Workshop on Power Tools and 3D Printing**

**Date: 17-21 Sept., 2018**

**Resource Lead:** Mr. Nikhil Sharma

**Theme :** Learning Power Tools and 3D printing

**Description:** This course aims to give the basic knowledge of Power tools and making 3D printing, the 3D printing is an emerging technology that creates a new wave of opportunities to the students. The basic design principles were taught to students to make some minute designs , and a hands on session is conducted to teach the students about the procedures to handle power tools with safety measures.

**Total number of Students:** 6



*Workshop on Power Tools and 3d Printing*

## **Workshop on Make Your Computer Speak**

**Resource Lead:** Mr.Virendar Kadyan, Research Scholar, CURIN, Chitkara University

**Theme:** Speech Recognition

**Description:** This course taught the students about various speech recognition methods, algorithms and tools, the algorithms and hands on experience, this course is giving the research dimension of speech recognition and students were encouraged to write research papers based in this domain.

**Total number of Students:**

S.No	Duration of Event(2018)	Number of Participants
1	Sep 17- Sep 21	8

*Workshop on Make Your Computer Speak*



## **Entrepreneurship: A Journey of Thousand Miles**

**Date: 18th September 2018**

Entrepreneurship: A Journey of Thousand Miles-A panel Discussion CEED, Chitkara University, Punjab in association with Red Bull Basement University organized a panel discussion on the topic "Entrepreneurship: A Journey of Thousand Miles-A panel Discussion" with eminent speakers like "Mr Sameer Sharma" (Founder -Trideal) and "Mr Aanan Khurma" (Founder -FYNE Superfoods) moderated by "Mr Kiran Reddy" (Founder Helm Of Eight) on 19th September 2018 at Explore Hub, Chitkara University, Punjab. Mr. Sameer Sharma shared his interesting experiences and how he chose to start from Tier-2 cities because of his main goal to do something good for Chandigarh Region. Mr. Aanan Khurma told that how he stepped into Entrepreneurship from research work. Both the speakers encouraged the students by lightning a spark in them through their life story and experiences. A complete interactive session opened up minds of students & budding entrepreneurs.



*Panel discussion during the event*

## Technovanza (Workshop on Google Assistant)

**Date: 20 September 2018**

**Resource Person:** Dr. Amandeep Kaur Bhullar, Associate Professor

Computer Society of India (CSI) Student Chapter, under the aegis of Department of Computer Applications, CUIET, CU Punjab, organized a technical event “TECHNOVANZA” on September 20, 2018. More than 50 teams registered for the event from various departments as a team of two members on first come first serve basis. The two main parts of the event were workshop on Google Assistant and Competition based on Google Assistant Libraries. The resource person for the workshop Associate Professor Dr. Amandeep Bhullar, Department of Computer Applications, CUIET, CU Punjab, gave hands on experience of Google Assistant libraries to the students. The event was judged by the resource person along with the CSI core team members. Akshit & Chetan from CSE won the first prize. Aditya & Saurabh from CSE won second position. Dhanraj and Shreya from BCA got third prize. Cash prizes were given to the winning teams along with the trophies. Dr. Jaiteg Singh Dean & Professor, Computer Applications department gave away prizes to the winning teams. They applaud the efforts of the resource person Dr. Amandeep Bhullar and CSI core team for conducting the event successfully. Mr. Preetinder Singh Brar, Programme Incharge, Computer Applications department facilitated the CSI core team members by giving appreciation certificates. Participants participated with deep interest and enthusiasm.



**Prize Distribution Ceremony**

## **Workshop on Artificial Intelligence**

**Date: 24-28 Sept., 2018**

**Resource Lead:** Dr. Ramkumar K R, Associate Professor, CURIN, Chitkara University

Theme : The basics of Artificial Intelligence with respect to Neural Networks , Machine and Deep Learning , and applications of A.I

### **Description:**

The main aim of this course to teach the basics of Artificial Intelligence to the students, and the overview of Neural Networks, Machine Learning algorithms include classification, clustering and predictive models were taught to student with hands on experience. The tools used are Python and R studio.

Total number of Students: 7

*Workshop on artificial Intelligence*



## Workshop on 3D Wall Installation

Date: 25<sup>th</sup> September

**Resource Person:** Ar. Siddharth Bansal and Team (Principal Architect at Studio Built Environment, Chandigarh, India)

**Areas of Excellence:** Architecture & Interior Design

**Organized By:** Department of Bachelor of Fine Arts

**Number of Participants:** 38

**Course Highlights:** Wall Art and Installation is a form of ART, which can pull a space together and make it feel complete. During the hands-on workshop, students gone through the process of identifying, understanding, Creating, and Installing an Artwork by using different materials. This artwork was a tribute to master Ogilvy in which the students used board blocks, paint and multimedia in an eye

### Photographs of the Event:



*Figure 1: Resource person team and faculty in discussion with the students*



*Figure 2: Resource person Siddharth Bansal and faculty in discussion on the ideas to implement*

## **Startup Weekend Chandigarh**

**Date: 28-30 September 2018**

The internationally acclaimed program Techstars Startup Weekend took off with great energy and enthusiasm at the E-cell of Chitkara University, Punjab. Over 130 participants from various Institutions and Universities Chandigarh region participated at the 3-day long business plan competition. The focus of the event remains the building of new business ideas at the student level.

TSW facilitator, Mr Aditya Ranjan, Manager-T-Hub, Hyderabad(Corporate Innovation & Strategic Alliance) took the charge and steer the startup weekend on first gear and got acknowledged by all participants. Then the participants having generated solutions of society and other problems started pitching their ideas. Then all the ideas were displayed on the soft board. After that, the participants voted out for the ideas and the teams were formed. All 18 teams formed chose a very unique and potentially strong idea.

On the 2<sup>nd</sup> day of TSW Chandigarh, the startups were joined by industry experts and mentors – Mr. Mahesh Yadav - Founder @ Santulan Ventures, Mr. Karan Checker - Founder Spurr, Director - SNA Power, Dr. Shweta Singh - Founder & CEO, WIEF, Mr Mohit Bansal - Deck Rooster-Founder & CEO, Mr Arush Chopra - Co-founder & CEO - Just Herbs, Dr. Adarsh Kumar Aggarwal - Mentor & Professor- Entrepreneurship, CEED, Mr. Abhinav - Founder at Raahi, Mr. Vivek Pratap Singh Rathore - Co-founder - Subhe eLearning, Inc, Mr. Siddharth Angrish - Co-founder, CEO - Jiyyo, Ex-Apple, Netflix, Ms. Neha Gupta - Founder – Wondrbox, Ms. Abha Sharma - Assistant Professor - Chitkara University, Baddi.

At the Startup Weekend Chandigarh, the judges were chosen with care so that they can value and uplift the best idea among all - Mr. Siddhartha Kumar, Dua Associates, Mr. Sameer Jain, Founder and CEO, Net Solutions, Mr. Ashwini Bagga, Director, Keiretsu and Mr. Sumeer Walia, Director CUCEED.



***Group Photograph with Participants of Startup Weekend***

## Seminar on Turning Dreams into Reality

Date: 29-09-2018

**Resource Person:** Mr. Pankaj Sharma, Cadilla

If you've got a big dream, now what? Well, it's time to put it into action. Big dreams can be incredibly inspiring, but until you take action they are little more than dreams.

Mr. Sharma moved into the topic by explaining the difference between dreams and reality. Further he enlisted 10 points to turn dreams into reality, which are as follows:

*Believe it, Take action daily, Keep it time bound, Dream big & vividly, Ignore the negative people, Share dreams with others, Stop expecting, Adopt a positive and inevitable mindset, Make room for big dreams, Keep the momentum going*

Mr. Pankaj devised an innovative method to exercise a healthy lifestyle. The formula for a healthy lifestyle is 20-20-20. It also can be mentioned as HS+MS+SS. First 20 minutes in the morning to be given for Physical exercise, next 20 minutes to be spent on meditation and the last 20 minutes for improvement of professional skills. The above formula is good for health and improvement of quality of life.



**Mr. Pankaj Sharma, Head- Talent Acquisition from Zydus Cadila explaining the students**



## **Workshop on Make Your First AR/VR Application**

**Date: 8-12 Oct., 2018**

**Resource Lead:** Ms. Neha Sharma

**Theme :** Developing Augmented and Virtual Reality applications

### **Description:**

This workshop aims to give hands on experience to do Augmented and Virtual Reality programs, to develop small games and animation programs for understanding both AR and VR. The both AR and VR are the emerging markets that have a great potential to create a new kind of jobs to this young generation. This program got an overwhelming response from the students and five complete batches were completed.

**Total number of Students: 14**



*Workshop on Make Your First AR/VR Application*

## Workshop on Basics of Electronics

**Resource Lead:** Ms. Rupinder Kaur Assistant Professor, Department of ECE, Chitkara University

Theme: Familiarization of Electronic Components

**Description:** The tools and components of electric and electronic items should be handled carefully, the engineering students should have the hands on experience to design basic electronic circuits. This course covers the basic elements of Electronics and motivates the student to learn more advanced designs. This course enables the students to take up any real challenge in understanding the engineering of electronics.

S.No	Duration of Event(2018)	Number of Participants
1	Oct 8 – Oct 12	7



*Workshop on basics of electronics*

## **Workshop on Electronics Made Easy**

**Resource Lead:** Ms. Rubina Dutta, Assistant Professor, Department of ECE, Chitkara University

**Theme:** Basics of Electronics

**Description:**

The basic of Electronics, circuits, designs and concepts were taught to students, The students learnt the design of circuits, using breadboards, the basic requirements of a good design, and other important aspect of electronics designs. This course will enable them to understand the basics thoroughly for taking advanced level courses.

<b>S.No</b>	<b>Duration of Event(2018)</b>	<b>Number of Participants</b>
1	Oct 8– Oct 13	8

*Workshop on Electronics Made Easy*



## Workshop on Internet of Things (IoT)

**Resource Lead:** Ms. Vidyothma , Assistant Professor , Master of Computer Applications,  
Chitkara University

Theme: Basics of Internet of Things and Applications

**Description:**In a nutshell, the Internet of Things is the concept of connecting any device (so long as it has an on/off switch) to the Internet and to other connected devices. The IoT is a giant network of connected things and people – all of which collect and share data about the way they are used and about the environment around them

S.No	Duration of Event(2018)	Number of Participants
1	Oct 8– Oct 13	25

*Workshop on Internet of Things (IOT)*

## Workshop on Make Your First Drone

Date: 9-15 Oct., 2018

**Resource Lead:** Ms. Bhanu Sharma

**Theme:** Making the First drone with simple functionalities

### Description:

The students were trained for making unmanned vehicles, design structure and Stabilizing propellers using IMU, Interface with RC, and final simple built of Drone. The drone making is professional task and made for multiple applications. This program starts from basics and students are given the overall experience of making a drone by their own hands.

**Total number of Students:** 5



*Workshop on make your first drone*

## Workshop on Internet of Things: Today's and Tomorrow's Technology

**Date: 12 October 2018 to 12 October 2018**

**Resource Persons:** Ms. Vidyothma Gandhi, Assistant Professor  
Dr. Amandeep Kaur Bhullar, Associate Professor

CURIN at Chitkara University had taken an initiative by conducting short skill workshops, for Engineering courses since January 2018. The first batch was successfully completed with the participation of 200 students and the current batches are running on predetermined working days during the evening hours (4.30 to 6.30 P.M), the main stakeholders being the hostlers, wherein day scholars are also encouraged to attend. Keeping with the pace, Faculty members from Department of Computer Applications, CUIET, CU Punjab, contributed to the effort by proposing workshops under this venture. **Ms. Vidyothma Gandhi**, Assistant Professor, Department of Computer Applications and **Dr. Amandeep Kaur Bhullar**, Associate Professor, Department of Computer Applications, proposed a workshop on the topic "Internet of Things: Today's and Tomorrow's Technology". The workshop covered latest topics like Introduction to Internet of Things (IoT) and its kits, Installation of OS on Raspberry Pi and its configuration, basics of Python, introduction and interfacing of sensors, introduction to IoT cloud environment and sensors data storage and management. This workshop was attended by appreciable number of hostellers as well as day scholars. The participants had a good learning experience.



*Students interacted with Faculty members*

## Seminar on Employability Skills for Pharmaceutical Industry

Date: 15-10-2018

**Resource Person:** Mr. C. Shetty, VP, Alembic

Pharmaceutical industry offers lucrative career in the field of Sales, Marketing, Human resource, Training and development. All fields need specific skills. In order to make oneself employable, requirement of basic and specific skills are inevitable. Core or Basic skills needed are Good Communication skills, People skill, Leadership skills, persuasive skills as the basic requirement in sales is meeting with people and communicating. However specific skills for entry level in sales and marketing is knowledge of basic body systems and their functioning. Another specific requirement is about drug behaviors, Knowledge about industry and trends, Job functions and basic skills needed. The technical skills enhance one's confidence. In order to make employable, need to know about one's strengths and areas of improvement pertaining to requirement. One can take professional help.



*Mr. C. Shetty elaborating about the essential skills required for Pharma industry*

## **Seminar on Corporate & Retail Banking**

**Date: 15-10-2018**

**Resource Person:** Dr. Himesh Sharma, SkillLabs

Mr. Himesh Sharma, an entrepreneur, has beautifully explained what is banking and two types of banking- Corporate & Retail banking.

He explained banking is an institution which deals with the activity of accepting deposits from the clients and lending this money to the borrowers. To accept deposit and lend it to the borrowers is a traditional activity along with this now a days banks are doing different types of banking activity.

Further adding to this, Mr. Sharma simplified Retail banking as:

- a part of bank that directly deal with consumers or individuals, located in the nearby city
- is an activity done by bank with the customers face to face.
- is clear or visible face to the consumer.
- is also named as Consumer banking or Personal banking.
- It includes the services like savings account, current accounts, different types of loan, mortgages, debit and credit card, retirement planning, certificate of deposit etc.
- For retail banking, customer deposit is the most important source of fund.
- Retail bank makes profit from the interest margin of the lender and borrower transaction.

And Corporate Banking as:

- only provide services to the large business corporations and business groups.
- it first used in United States of America to differ it from the investment banking.
- is also known as Business banking.
- is a one type of segment that caters service to the range of clients from big corporate firm to mid-scale company.
- Corporate banking earn profit from interest and fees they charge for services.
- It provide services like saving account, current account, loan facility like secured and unsecured and credit facility to corporates.



- It also offer some more services like Trade finance, Foreign exchange, Custody, and Derivatives.
- In short it offers a services that are tailor-made to corporate firms.



***Mr. Himesh Sharma interacting with students of CCSM, elaborating Corporate & Retail Banking concepts and how to manage personal portfolios***

## **Seminar on Digital Transformation in Retail**

**Date: 15-10-2018**

**Resource Person:** Mr. Ramkumar Venkateswaran, FSSL

The retail industry is booming industry in the world, and contributing to the handsome share in the GDP. Mr. Ram explained the 'digital transformation' in retail encompasses a range of business opportunities that go beyond simply focusing on a single technology or a discreet strategy, such as e-commerce or click-and-collect. A digital transformation strategy in retail refers to the trend of retailers creating new and innovative business models that blur the physical and digital worlds.

Digital businesses redefine traditional retailing and marketplace boundaries. They drive internal change toward new, unprecedented business environments and are led by customer-first strategies characterized by newfound flexibility.

A leading-edge digital retailer will connect or integrate assets (businesses, divisions, staff and technologies) to remove barriers that inhibit the blurring of the physical and digital worlds.

Collaboration at multiple levels – staff, processes and technologies – is a necessary step for digital transformation to occur. Successful retailers will build ecosystems that include other retailers, suppliers, shippers, customers, and technology vendors. Students have shown keen interest and raised genuine questions regarding challenges in adopting innovation and technology in retail, to which he summarized: There are significant obstacles faced by retailers that embark on a digital transformation journey. Many of these are technological issues, such as retiring legacy applications, integrating applications using APIs, and consolidating databases. However, the real challenge is found in corporate culture and change management issues, which often makes it difficult to convert digital transformation efforts into business opportunities that produce measurable results.

Cultural issues are pervasive and elusive, but they must be addressed by retail organizations that want their digital transformation initiatives to succeed in the age of the consumer.



*Mr. Ramkumar explained about the Digital Transformation in Retail industry to CCSM Students*

## **Workshop on 3D Wall Installation**

**Date:** 15<sup>th</sup> October

**Resource Person:** Varinder Kaur (Assistant Professor, College of Arts, NewDelhi)

**Areas of Excellence:** An Artist, An Educator, A Freelancer

**Organized By:** Department of Bachelor of Fine Arts

**Number of Participants:** 21

**Course Highlights:** Wall Installation is a form of ART, which can arrange a space and cause it to feel total. During the active workshop, members have experienced the way toward recognizing, comprehension, Creating, and Installing an Artwork on Particular spaces.

**Photographs of the Event:**

*Resource person in discussion with the students*

## **Workshop on IOT and Cloud Computing Interfacing Lab using NODEMCU**

**Date: 15 October 2018**

**Resource Persons:** Mr. Rajesh Kaushal, Associate Professor  
Mr. Naveen Kumar, Assistant Professor

Computer Society of India (CSI) Student Chapter, under the aegis of Department of Computer Applications, CUIET, CU Punjab, organized a workshop on “IoT and Cloud Computing Interfacing Lab using NodeMCU” on October 15, 2018. More than 30 students of BCA from Department of Computer Applications registered for the workshop. Mr. Naveen Kumar, Assistant Professor and Mr. Rajesh Kaushal, Associate Professor, Department of Computer Applications, were the resource persons. They gave hands on experience to the students to know the basics of microcontroller and to transmit the sensor data on the cloud. Students participated in workshop enthusiastically. Dr. Jaiteg Singh Dean and Professor, Department of Computer Applications, CUIET, CU Punjab and Mr. Preetinder Singh Brar, Program In charge, applauded the efforts of resource persons along with CSI core team members.

*Photograph of participant and faculty in IOT and Cloud Computing Interfacing Lab using NODEMCU*



## Workshop on PPL Using Tinker Card

**Resource Lead:** Ms. Rubina Dutta, Assistant Professor, Department of ECE, Chitkara University

**Theme:** Introduction of Tinker card and Arduino as Development platform

**Description:** Tinkercad is an amazingly powerful easy-to-use tool for creating digital designs that are ready to be 3D printed into super-cool physical objects. The students were guided through the 3D design process via easy hands-on "Lessons", that teach you the basics of Tinkercad before moving on to more complex modelling techniques

S.No	Duration of Event(2018)	Number of Participants
1	Oct 15 – Oct 22, 2018	6



*Workshop on PBL Using Tinker Card*

## WORKSHOP ON LEARN LINUX IN JUST 5 DAYS

**Resource Lead:** Mr.Gourav Goyal

**Theme :** Learning Basics of Linux

**Description:** This course module is specially designed and compiled for those beginners, who want to make their way into Linux learning process and do the best in today's IT organizations. This courseware is created as per requirements of the industrial environment with complete entrance to Linux, which will help you to build a great success in Linux

S.No	Duration of Event(2018)	Number of Participants
1	Oct 15 – Oct 22	10



*Workshop on learn Linux in just 5 days*

## **Workshop on Interfacing with Raspberry Pi Basics**

**Resource Lead:** Mr. Naveen Sharma

**Description:** Raspberry Pi is known for its computational power and its vast application in the field of IoT, Home Automation etc. However for any electronic system to interact with the real world and get information about it, the system has to use sensors. The students are being trained to make the complete design of Raspberry PI with interfaces.

<b>S.No</b>	<b>Duration of Event(2018)</b>	<b>Number of Participants</b>
1	Oct 15 – Oct 22	36

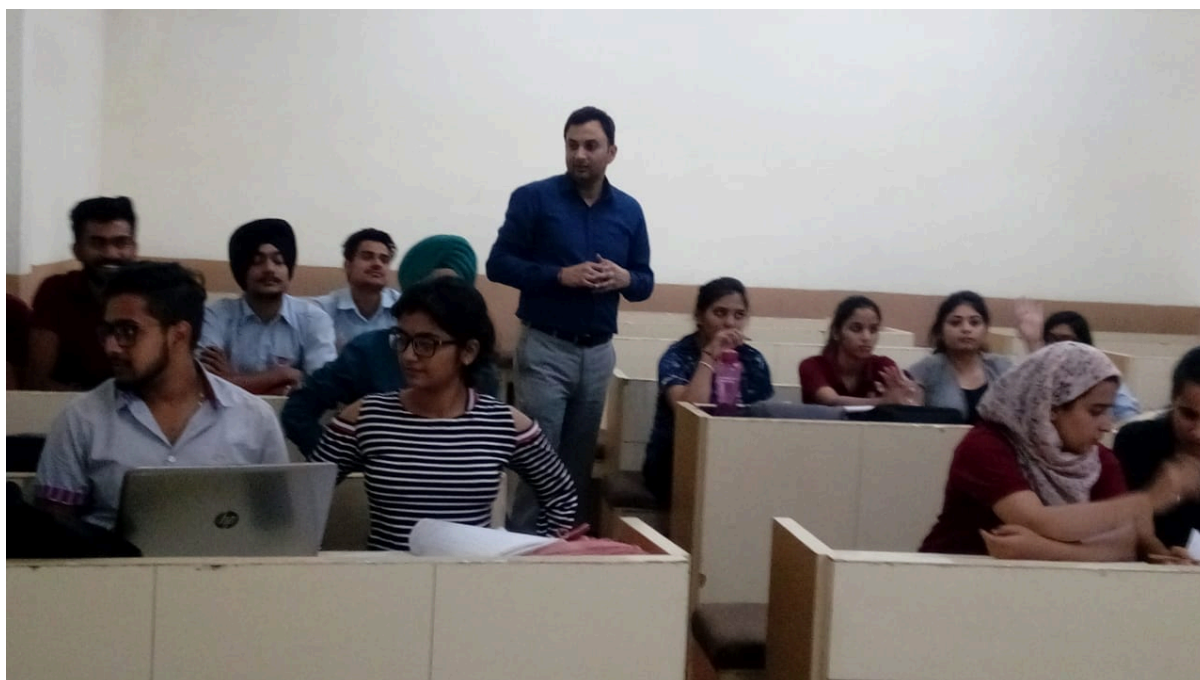
*Workshop on Interfacing With Raspberry Pi Basics*

## Basics of Raspberry Pi & Web Interface Development

**Date: 16 October 2018 to 23 October 2018**

**Resource Persons:** Mr. Rajesh Kaushal, Associate Professor  
Mr. Naveen Kumar, Assistant Professor  
Mr. Jatinder Ashta, Assistant Professor

Mr. Rajesh Kaushal, Associate Professor, Mr. Naveen Sharma, Assistant Professor and Mr. Jatinder Ashta, Assistant Professor, Department of Computer Applications, CUIET, Chitkara University Punjab took session of workshop titled “Basics of Raspberry PI & Web Interface Development”. A good number of participants got benefitted from the workshop and got information on the latest topics like Raspberry Pi 3 Installation (Rasbian Operating System), VNC installation & Setup, Interfacing with LED & Relay using GPIO, Understanding HC-05 blue-tooth module and transmitting sensor data to your own cloud.



*Students attending the session*

## Workshop on Production of Films

Date: 22-26 October 2018

**About Speaker:** Meagen is an award winning journalist, television producer and director. She has produced films, commercials and major broadcast network television, including Emmy winning programs The Voice and Who Do You Think You Are? with Shed Media, Mark Burnett Productions, One Three Media, Pilgrim Films and Television, and The Institute. She is currently a course director teaching New Media Formats in the Media Communications department at Full Sail University.

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Today I broke the students up into partner groups to practice interview techniques. They took the exercise seriously and I was happy with the results. Many of them confessed the exercise helped them break through prior assumptions they had made about one another and let go of harsh judgements—especially when it came to those students they thought were shy. During an exercise to brainstorm ideas for documentaries, several of them mentioned #metoo, gender equality, LGBTQ rights and sex workers. It has been so good to see these issues and subjects being talked about on the other side of the world. In fact, I noticed the front page of the newspaper the day I arrived was full of stories about U.S. Visa restrictions from India and #metoo stories.



*Collage showing Prof. Meagen interacting with CSMC students*



## Workshop on Media Management

Date: 22-26 October 2018

**About Speaker:** Dr. Florian Haumer is the Professor for general media management and marketing management at the Munich campus of the Macromedia University. He is the founder and General Manager of Haumer & konsorten GmbH, a consulting company that specializes in performance marketing, strategic brand management and big data analytics.

Professor Florian Haumer conducted a workshop on Media Ethics and Media Management with the students of BAJMC 2 year. He kick started the session with the ice breaking session with the students and educating them about some concepts.

He tried his best to make the workshop interactive and engaging with involving the students in some discussion on the ethical news and how its impacts the life of common man. The workshop ended with the presentation of the students that were assigned the assignments based on the concepts learned during the workshop.



*Collage showing Florian Haumer interacting with BAJMC-2 year students*

## Workshop on Cinematography for Films

Date: 22-26 October 2018

**About Speaker:** Randy Baker is the smile behind Randy Baker Productions/Digital Storytellers. A veteran Emmy Winning Producer/Director/Director of Photography/Editor Course Director Full Sail University Digital Cinematography Bachelors Degree Composition and Visual Design.

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While interacting with the students Randy Baker taught students about 3D lightening and how it is effectively used in cinematography. He also shared with students techniques for directing, acting, casting, and composition and how they should work in different areas of directing – from preproduction, to postproduction delivery, to critical evaluation.

In order to explain things practically, he assigned the students to make a short film in groups. He shared the movie ideas with students and guided them towards better execution in context to direction, camera angles, lightening and editing. Internal faculty was continuously working with him and providing him assistance for smooth conduct of the workshop.



*Collage showing Randy Baker interacting with CSMC students*

## Workshop on Make Your First Drone

**Date:** 22-26 Oct., 2018

**Resource Lead:** Ms. Bhanu Sharma

**Theme:** Making the First drone with simple functionalities

### **Description:**

The students were trained for making unmanned vehicles, design structure and Stabilizing propellers using IMU, Interface with RC, and final simple built of Drone. The drone making is professional task and made for multiple applications. This program starts from basics and students are given the overall experience of making a drone by their own hands.

**Total number of Students:** 5



*Workshop on make your first drone*



## **Workshop on Make Your First AR/VR Application**

**Date: 23-27 Oct., 2018**

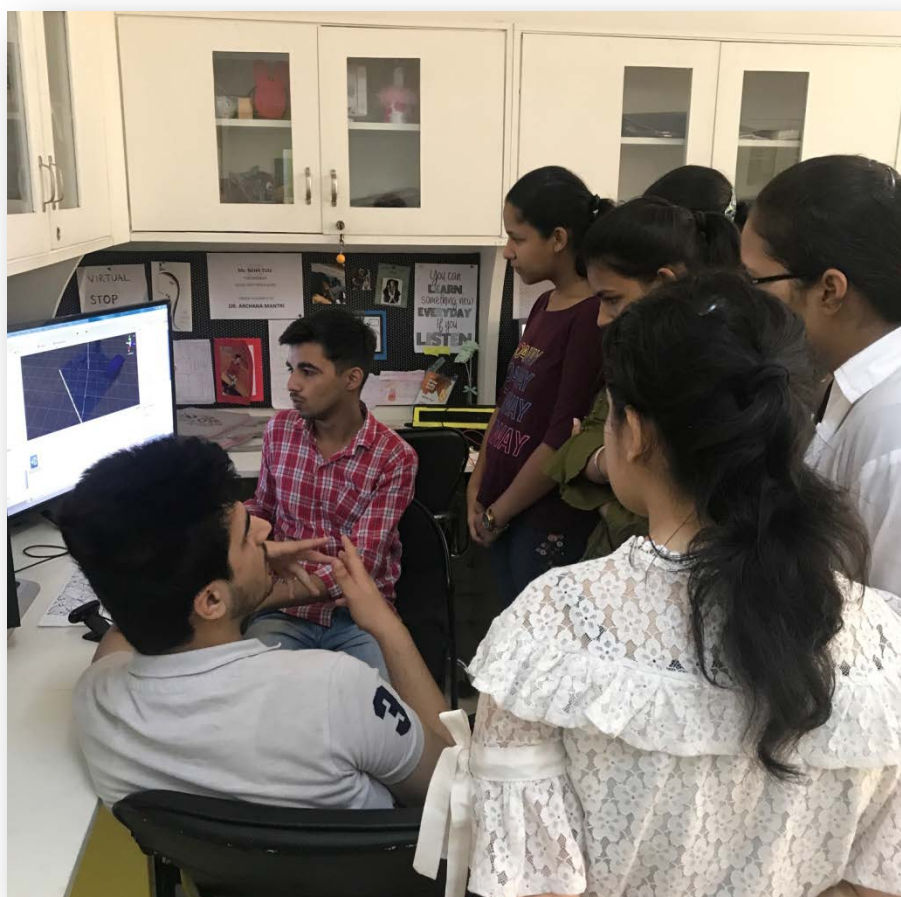
**Resource Lead:** Mr. Gurwinder Singh

**Theme:** Developing Augmented and Virtual Reality applications

### **Description:**

This workshop aims to give a hands on experience to do Augmented and Virtual Reality programs, to develop small games and animation programs for understanding both AR and VR. The both AR and VR are the emerging markets that has a great potential to create a new kind of jobs to this young generation. This program got an overwhelming response from the students and five complete batches were completed.

**Total number of Students: 7**



***Workshop on Make Your First AR/VR Application***

## Skill Development Training on CCTV System

Date: 25<sup>th</sup> October 2018

### Details of the Event:

Department of Electrical Engineering, Chitkara University, Punjab has organized a training session on "CCTV Systems" on 25<sup>th</sup> October 2018 by Ms. Gajalakshmi, Siemens Building Technology. Closed-circuit television (CCTV), also known as video surveillance, is the use of video cameras to transmit a signal to a specific place, on a limited set of monitors. It differs from broadcast TV in that the signal is not openly transmitted, though it may employ point-to-point (P2P), point-to-multipoint (P2MP), or mesh wired. 21 electrical engineering students participated in this training.



*Skill Development Training on CCTV System*



## **International Conference on Informatics Tools in Drug Discovery and Drug Delivery**

**Date: 31-10-2018**

A one-day International Symposium was held at Chitkara College of Pharmacy on the broad theme "Informatics Tools in Drug Discovery and Delivery". It was jointly collaborated between CCP, CU, Punjab, APTI, Punjab.

DPSDR PU Patiala and Univ of Moscow. Experts from across the globe deliberated and gave plenary talks on wide ranging talks on areas related to Drug Discovery, including Pharmacoinformatics, Mathematical Modelling, CADD, Computational Chemistry, Systems Biology, In Silico Toxicology, Ligand and Target discovery and interactions, and other techniques.

Experts included Dr Dmitry Sergeevich Druzhilovskiy (Inst of Bio Med chem, Moscow), Dr. Athina Geronikaki (Aristotle Univ, Greece), Dr. John Irwin (Univ of California), Dr. Alexey Lagunin (Inst of Bio Med chem, Moscow), Dr. Vladimir Poroikov (Inst of Bio Med chem, Moscow), Dr. G. Madhavi Sastry, De Shaw Research, Hyderabad, India, Dmitry I. Osolodkin, Institute of Poliomyelitis and Viral Encephalitides, Chumakov, Moscow, Russia, Dr G Narhari Shastri, ICT, India, Dr R K Goel, PU, Patiala. Dr S Arora coordinated a panel discussion on Drug Discovery tools and Drug approval trends CU, Punjab, followed by interaction of the guests with Hon Vice Chancellor. Students benefitted through ideas for further study and research areas and industrial trends in Drug Discovery.

Dr Dmitry Sergeevich Druzhilovskiy from Institute of BioMedical chemistry, Moscow an expert in pharmacological study models discussed the Identification and prioritization of pharmacological targets, Ligand-based methods of computer-aided drug design & discovery, Structure-based methods of computer-aided drug design & discovery, Multi-targeted pharmacological agents and network pharmacology, Natural compounds as a source for new medicines, Computational tools for predicting formulation strategies.

Dr. Athina Geronikaki is a Professor in Medicinal Chemistry at Aristotle University, Greece. With her expertise in the field she made the audience aware about the Workshop modules included Open source computational tools and databases for drug design & discovery, Commercially available computational tools and databases for drug design & discovery, and

Predictive PK studies.

Dr. John Irwin is Associate Professor in pharmaceutical Chemistry at University of California. He explained the applicability of available computational tools and databases for drug design & discovery. He also discussed the working techniques of these data bases.

Dr. Alexey Lagunin from Institute of Bio Medical chemistry, Moscow with an expertise in Bioinformatics and Biochemistry explained the relation of these streams with the main line streams and the research potential encompassed in these streams.

Dr. Vladimir Poroikov, Professor at Institute of Bio Medical chemistry, Moscow discussed the Chemoinformatics, Bioinformatics, Computer-Aided Drug design aspects of new drug entity.



*Faculty and students attending the International symposium iTDDD-2018 conducted at Chitkara College of Pharmacy, Chitkara University, Punjab*

## **Workshop on Pharma Industry Oriented Certification**

**Date: 31<sup>st</sup> Oct 2018**

A National Workshop on “Industry Oriented Hands on certification Workshop On **“Pharma Industry Oriented Certification on QA and GMP”** was organized by Chitkara College of Pharmacy, Chitkara University, Punjab on **31<sup>st</sup> Oct 2018**.

### **Objectives:**

- To familiarize the participants with fundamentals of Good manufacturing practices, Quality Assurance and Regulatory affairs in Pharma sector
- To focus on the methods for Quality improvement by GMP,QA and RA in Pharma sector.
- To provide a complete overview of the industry requirements as specified by the FDA to benefit professionals who are new to industry by presenting an overview of the important concepts in a logical and natural sequence so they can begin to understand GMP regulations and begin applying them effectively.
- To make students to gain special interests in research project management, marketing, and promotion, or decision points for QA/QC.

**Outcomes:** A total of 175 delegates from different institutes, and universities attended this workshop. Eminent speakers from academia and industry who marked their presence and conducted various sessions in this workshop include Dr Manish Diwan, Associate Director, Daiichi Sankyo India Pharma Private Limited; Dr. Manu Choudhary, MD, Venus Remedies Ltd, Panchkula, India; Dr. Sudhir K. Sharma, General Manager and Head, Research and Development, Panacea Biotech, Mohali; Dr. Prafull Mathur, Head R & D (Synthetic & ADL) at Aanjaneya Lifecare Limited, India; Dr. D.P. Pathak, Professor, Department of Pharmaceutical Chemistry, Delhi Institute of Pharmaceutical Sciences & Research (DIPSAR), New Delhi; Dr. Om Silakari, Assistant Professor, Department of Pharmaceutical Sciences & Drug Research, Punjabi University, Patiala, Punjab; Dr. Gulshan Bansal, Associate Professor, Department of Pharmaceutical Sciences & Drug Research, Punjabi University, Patiala; Dr. B S Bhoop, Professor, University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh and Mr. Amit kaushal, Plant head, Akums Drugs & Pharmaceuticals Ltd. *Haridwar*. Following topics were covered by the invited experts:

- Good manufacturing practices
- Regulatory affairs
- Technical writing
- Regulatory submissions
- Post-approval compliance

Workshop was concluded with honoring all the speakers with mementoes by Dr. Sandeep Arora, Director CCP. All the attendees were felicitated with certificates. At the end, Dr. Gurjeet Singh Thakur, Organizing Secretary, proposed vote of thanks and extended thanks to committee members for their sincere efforts for successful completion of the event. The workshop was considered a success as the participants were overwhelmed by the positive response and enthusiasm.



***Dr. Sharanjit Singh Prof. NIPER, Mohali giving lecture on Quality Assurance on Pharma Industry Oriented Certification on QA and GMP workshop at Chitkara college of Pharmacy, Chitkara University, Punjab***





***Faculty members and student participants attending seminar on on Quality Assurance on Pharma Industry Oriented Certification on QA and GMP workshop at Chitkara college of Pharmacy, Chitkara University, Punjab***



## Skill Development Training on Fire Fighting

### Details of the Event:

Department of Electrical Engineering, Chitkara University, Punjab has organized an Skill Development Training on "Fire Fighting" on 1<sup>st</sup> November 2018 by Mr. Ajay Bansal. 23 participants attended this session. Firefighting is the act of extinguishing destructive fires. A fire fighter fights these fires and prevents destruction of life, property and the environment. Firefighting is a highly technical profession which requires years of training and education to become proficient in.



*Skill Development Training on Fire Fighting*

## **Workshop on Power Tools and 3D Printing**

**Date: 13-17 Nov., 2018**

**Resource Lead:** Mr. Amrinder Singh

**Theme:** Learning Power Tools and 3D printing

**Description:** This course aims to give the basic knowledge of Power tools and making 3D printing, the 3D printing is an emerging technology that creates a new wave of opportunities to the students. The basic design principles were taught to students to make some minute designs, and a hands on session is conducted to teach the students about the procedures to handle power tools with safety measures.

**Total number of Students:** 4

*Workshop on Power Tools and 3d Printing*

## **Skill Development Training on Building Management System**

**Date: 22<sup>nd</sup> November 2018**

### **Details of the Event:**

Department of Electrical Engineering, Chitkara University, Punjab has organized Skill Development Training on "Building Management System "on 22<sup>nd</sup> November 2018 by Mr. Packiaraj, Siemens Building Technology. It was attended by 21 students from B.E. – Electrical Engineering 5th Semester. A building management system (BMS), otherwise known as a building automation system (BAS), is a computer-based control system installed in buildings that controls and monitors the building's mechanical and electrical equipment such as ventilation, lighting, power systems fire systems. A BMS consists of software and hardware; the software program, usually configured in a hierarchical manner, can be proprietary, using such protocols as C-Bus, Profibus and so on. Vendors are also producing a BMS that integrates the use of open standards.



***Skill Development Training on Building Management System***

## **Design and Analysis of VLSI circuits using EDA tools (Physical Design Automation using Cadence Virtuoso and Front End Design using Cadence Encounter Digital Implementation System/Xilinx ISE)**

**Date: 10-22 Dec., 2018**

Detail of Resource Person: Ms. Rupinder Kaur (Assistant Professor, Chitkara University, Punjab)

Number of Participants: 20

Description of Event: Department of ECE has organized FDP on “Design and analysis of VLSI circuits are using EDA Tools” from 10-22 Dec 2018. The resource person for this Faculty Development Program was Ms. Rupinder Kaur, Asst. Prof. Chitkara University, Punjab. Around 20 faculties participated in this program. The main focus area of this FDP was to do hands on session on EDA Tools provided by cadence. Participants learnt the basics of Microelectronics and design the layout of basic electronic components. They worked on Design rules of Analog layout Design for various IC's.



*FDP on Design and Analysis of VLSI circuits using EDA tools*





*Participate discuss the layout errors collaboratively*



## Skill Development Training on Home Automation Electrical Safety

### Details of the Event:

Department of Electrical Engineering, Chitkara University, Punjab has organized a Skill Development Training on "Home Automation Electrical Safety" on 11th December 2018 by Mr. Eric DUPONT, Institute of Electrical & Energy Management Government Industrial Training Institute. 38 students from B.E Electrical were part of this training. Smart Wiring is a system that enables the combination of many different types of wires used around the home into a single platform, which allows for the integration of many different smart home systems and sensors throughout your home, and the capacity to add more at a later date if you want to do so.



## Seminar on Digital Selling in Pharmaceuticals

**Date: 14-12-2018**

**Resource Person:** Mr. C. Shetty, Alembic

The pharma industry is increasingly expected to offer flexibility in the way it engages healthcare providers while meeting an increased demand for demonstrable value of drug product. It may take a few years for the switch to digital-led HCP engagement to fully take hold- but it will happen, subtly and then all at once. Many companies have started adopting multichannel approach and incorporate more digital activity including the use of social media, online, mobile apps and email into sales activity. However, few are integrating their efforts and fewer still are using data effectively to inform their campaigns and encourage digital selling. To make best use of marketing assets, Pharma businesses need to be able to develop and respond to insights on products and market performance. This means that the ability to significantly scale back or ramp up specific activity is essential

Mr. C Shetty VP of ALEMBIC, the pharmaceutical 100 years old company in the Pharmaceutical Industry. ALEMBIC has many brand leaders like AZITHRAL, which is a 150 cr brand, used in infections.



*Mr. C. Shetty interacting with students explaining the key points for Pharma selling during his session at CCSM, Chitkara University, Punjab*

## **IoT and Embedded systems (FDP) by ST Microelectronics, Noida**

**Date: 17th Dec., 2018**

Detail of Resource Person: Mr.Alok Kumar Mittal, Mr.RaunaqueMujeebQuaiser and Mr.Salil Jain

Number of Participants: 21

Description of the event: Department of ECE has organized FDP on “IoT and Embedded Systems” on 17thDec 2018. The resource person for this FDP is from esteemed industry named as ST Microelectronics. Their main focus was to get introduced faculty about STM32 boards and their capabilities. Hands on session were also conducted to demonstrate the usage of STM32 boards for developing IoT applications. Over 21 participants from Chitkara University Rajpura and Himachal Pradesh participated in this FDP.







*Group Photograph with Resource Person*

## Workshop on Self Discovery and Personality Development

**Date: 18-12-2018**

**Resource Person:** Ms. Shalley Sharma, HR Mentorz

Ms. Sharma instigated the students to participate and take initiative by asking them to come forward and speak for a few mins. She further explained the concept of self discovery as it helps us to identify our abilities, but also how we can leverage and develop them. Because people can know what they are passionate about, it's easier to grasp the concepts and accept them. Thus we find paths that we want to pursue and will make us happier. And Personality development helps an individual to gain confidence and high self esteem, Individuals tend to develop a positive attitude as a result of personality development

Ms. Sharma elaborated the six steps in order to know your true self:

1. Be quiet. ...
2. Realize who you truly are, not who you want to be. ...
3. Find what you are good at (and not good at). ...
4. Find what you are passionate about. ...
5. Ask for feedback. ...
6. Assess your relationships.



*Audience paying attention to Ms. Shelly in her workshop on Self Discovery and Personality Development*



## **Ingenuity Post Event**

**Date: 18 December 2018**

Chandigarh region Innovation and knowledge cluster and its key partner Chitkara University led 4 startups from India (Moksh led by Dr. Nitin Saluja, DAT by Dr. Virender Kadyan, Anukai by Mr. Gaurav Goyal and DocsinBlocks by Mr. Brijesh Aggarwal) to global innovation challenge Ingenuity for startups at The University of Nottingham, Ningbo China. Not only did they bag laurels for Chandigarh but also paved a way for international corridors built by “Ingenuity”. On 18<sup>th</sup> December Chitkara University organized a panel discussion with the winners of Ingenuity. Live audience of budding entrepreneurs experienced the scope of taking Indian startup innovations to the international market.



*Panelists during the event*

## **Quantitative Pharma Education in Pharma Technology and Practices**

**Date: 22<sup>nd</sup> Dec, 2018 to 30<sup>th</sup> Dec, 2018**

A FDP on the theme” **Quantitative Pharma Education in Pharma Technology and Practices**” was organized by Chitkara College of Pharmacy, Chitkara University,Punjab on 22<sup>nd</sup> Dec,2018 to 30<sup>th</sup> Dec, 2018 which was attended by 165 Participants from various institutes. Prof. S.K. Sharma, M.Pharm. PhD, Head & Professor, Department of Pharmaceutical Sciences, Guru Jambheshwar University, Hisar; Dr. Manish Goyal, M.Pharm. PhD, Assistant Professor, Swami Devi Dyal Institute of Pharmacy, Golpura, Barwala, Panchkula; Dr. Subheet jain, HOD, Guru Nank dev University, Amritsar; Dr. Om Silakari, M. Pharm, Ph.D, Assistant Professor, Department of Pharmaceutical Sciences & Drug Research, Punjabi University, Patiala, Punjab; Dr. Manish Gupta, M.Pharm., Ph.D., Associate Professor,Department of Pharmaceutical Chemistry, ISF College of Pharmacy, Moga were the eminent speakers.

As the pharma industry continues to evolve, pharmacy education in the country will have to transform itself to help India Pharma Inc leverage emerging opportunities and nullify the challenges. Leaders and experts reflect on the strategies needed to bring about this metamorphosis. With this idea this FDP was organized as pharmacy education has a major role to play in the progress of the pharma sector. Yet, in India, it is entangled in several issues. One of the major issues is the implementation of the right courses as academic programmes are structurally not organised to meet industry expectations. To understand the criticality of the issue various academicians and industry experts discussed and threw light on how these issues can be resolved. The experts discussed the various challenges faced by the sector due to qualitative and quantitative paucity of talent and the role of academic institutions in creating better talent in terms of quality and quantity.

### **Key Points discussed in the FDP were:**

- Curriculum changes and various other factors to ensure right talent pool which is industry ready were discussed
- It was suggested to train academic staff by moving them to industry on short-term sabbaticals from time to time and get trained in accordance with industrial needs.

- Industrial experts can be formally aligned with the academic institutions in different capacity, which can be mutually worked out. This can set a chain of activities together which will include, the process of curriculum changes, sharing of expertise and many others.
- With regulatory reforms and technology upgradation happening at a fast pace, creating a niche number of talents for QbD, dissolution, patent search, IVIVC, pellet manufacturing, bioavailability and bio-equivalency testing, dossier preparation and filing, as a challenging task for pharma institutes was pointed.
- In under graduate courses, students should be directed to develop some practical skills in various areas of pharma technology, which can finally assist them to develop professionally in future.
- Perfect courses and guidance should be provided to students, which will assist them to move in the direction of professional development.”

**The following question were taken up and discussed:**

- How much theory is connected to industrial practice or pharmacy practice or to other requirements at the place of work?
- In what way is the ‘theory’ connected with ‘practical’ work?
- What is the real outcome of theoretical training? Can’t it be translated into some tangible outcomes?
- Which specific skills have you been able to impart through the practicals attached to the theory course included in the syllabus?
- What are the specific applications or outcomes?
- How do you connect the basic concepts and the skills imparted? What is their actual application in industry/ market/work place etc?
- Can all these be documented or quantified, in order to highlight the achievements and the added value to the knowledge body acquired in this manner

**Mr. Ashok Denial, Tech Director, IDS:** Research and Development is a major area in the pharma industry, where new drug development, formulation development, analysis and

toxicological studies are performed. These analysis are done through sophisticated and state-of-the-art machines which was discussed by the speaker. He discussed the scope of pharmaceutical education for research and development purposes. He emphasized on development of highly skilled researchers and technicians who have attained specializations. He made the attendees aware about the role of Clinical research associates/scientists, regulators persons, business analysts and about the sales and marketing departments in pharma industry. He discussed the role of pharmacists in industry with different sets of expertise and responsibilities.



*Dr., Sandeep Arora addressing to faculty on Drug Discovery and Drug Development*



*Guest lecture on Drug Discovery and Drug Development*

## **Seminar on Mathematics for Engineers**

**Date: 22 Dec, 2018**

Department of Applied Sciences celebrated the National Mathematics Day on 22 Dec, 2018 by conducting a Seminar on Mathematics for Engineers in Pierre hall, Le-Corbusier Block. 29 Participants attended the session from different departments. The session focused to create a common platform where experts exchange their ideas and expanded their knowledge about the application of mathematics in various engineering fields. The event started with the Inaugural ceremony by Ms. Deepika with some glimpse about the history of Mathematics Day.

Resource Persons: Dr Mohit Kumar Kakkar, Dr Jasdev Bhatti, Dr Reetu Malhotra and Ms. Sreedevi.S were the key resource persons for the seminar.

A talk on mathematics in computer science was delivered by the resource person Dr. Mohit Kumar Kakkar, accompanied with a talk on importance of mathematics in mechanism by Dr. Jasdev Bhatti. In between the session fun games and quiz was organized by Ms. A.Sangeetha. A talk on optimization techniques and presentation on Mathematics in nature was delivered by Dr. Reetu Malhotra and Ms. Sree Devi respectively. The event ended with vote of thanks and valedictory session by Dean, Department of Applied Sciences, Dr. Jyotsna Kaushal.



*Seminar on Mathematics for Engineers*





*Group Photograph of the Valedictory session*

## **Workshop on Application of SPSS in Data Analysis**

**Date: 27 December, 2018**

### **Resource Person:**

- Dr Pawan Kumar Chand, Associate Professor, CBS
- Dr Deepika Jhamb, Associate Professor, CBS

Chitkara School of Health Sciences (CSHS) in collaboration with Doctoral Research Centre, Chitkara Business School (CBS) organized a 7-day workshop entitled “Application of SPSS in Data Analysis”. Broadly, the workshop was divided in two parts viz. pre-workshop and main workshop. The pre-workshop was held on 10th December, 2018 and main agenda of the preworkshop was to better understand the basic knowledge of the participants as well to know their expectations from the workshop. The brief overview was given by Dr Amit Mittal, Dean, Doctoral Research Centre, CBS as well as Dr Preethi John, Dean, CSHS highlighting the importance and need of SPSS in today’s competitive world. The analysis of the basic level of SPSS was analysed by questionnaire. The main workshop began from 17th December, 2018 to 23rd December, 2018 at Conference Hall, Galileo Block, Chitkara University, Punjab. The CSHS took the responsibility of organizing the event which was taken care by Dr Kiranjeet Kaur, Assistant Professor, CSHS while the resource person/s was provided by CBS. The two resource persons, Dr Pawan Kumar Chand (Associate Professor) and Dr Deepika Jhamb (Associate Professor) put in loads of hard work and time for the accomplishment of the event. The ten faculty members attended the workshop. Each day of workshop was divided into two main session’s i.e. morning and evening. The morning session focussed on theoretical knowledge sharing whilst the evening session focussed on the practice on the problems provided by the Resource persons. All the main topics viz. Hypothesis framing, Test of difference, Level of Significance, Correlation Analysis, Regression, Exploratory factor analysis etc were covered during the 7 days’ workshop. A successful effort was made to discuss about each and every topic through practical demonstrations and practice sessions on the given data set. A post workshop analysis was also performed in the end to analyse the understanding of the post workshop. The valedictory was conducted and the feedback forms were collected.



*Hands on Workshop on SPSS for Data Analysis*

## **Workshop – Qualitative Research Methods and Analysis**

**Dated: 14th - 16<sup>th</sup> Jan 2019**

Department of Nursing conducted three days **workshop on Qualitative Research Methods and Analysis with training on ATLAS ti Software**. The workshop was organized by Ms Lija Mathew, Assistant Professor, Department of Nursing, under the guidance of Dr Harmeet Kaur, Principal, Department of Nursing. A total of 30 participants from diverse disciplines and institutions of North India attended the workshop.

Participants were provided with hands on experience on conducting interviews, transcription, coding and analysis of qualitative data. The workshop enlightened the participants with in depth knowledge on qualitative research designs along with use of ATLAS ti software for qualitative research analysis.

**No. of the Participants: 30**

**Details of the Resource Person:**

Dr.Tejinderpal Singh, Associate Professor, University Business School, Panjab University Chandigarh, Certified Professional ATLAS ti Trainer/ Consultant was the resource person for the workshop.



***Workshop – Qualitative Research Methods and Analysis***



## **Workshop on Thalís of India**

**Date: 15-01-2019**

Chitkara College of Hospitality Management organized a Workshop on Thalís of India on the theme 'Tyohaar ki Thali'. Total 24 teams participated and prepared various gourmet delicacies one can savour while fasting. Chef Vishavdeep Bali, a well-traveled chef and aTV show host; was the resource person.



*Chef VishavdeepBali with Chef Ramgopal checking out the preparations of the students of CCHM*



## Skill Development Training on -Building insulation & Thermal Comfort

Date: 19<sup>th</sup> January 2019

Department of Mechanical Engineering organized an expert talk on "**Building insulation & Thermal Comfort**" on 19<sup>th</sup> January 2019 By Ajay Bansal for Mechanical Engineering students. 24 Mechanical 3<sup>rd</sup> year students attended this event. The main function of a building is to provide and maintain a comfortable indoor environment with the lowest energy consumption. In order to ensure the thermal comfort of the occupants of a building, usually mechanical heating, ventilating and air conditioning (HVAC) systems are installed. However, in temperate climates, such as in Quito-Ecuador, the vast majority of buildings do not have such systems, so it is not possible to guarantee interior thermal neutrality conditions throughout the occupation period.

Mr. Ajay Bansal is president of ISHRAE Chandigarh Chapter and has vast experience in field of HVAC and building electrical. He has worked with ABB, Blue Star and currently running his own consultancy firm in Chandigarh.

Some of glimpse of Expert Talk are as follows:



*Skill Development Training on -Building insulation & Thermal Comfort*



## **Workshop on Intellectual Property Rights**

**Date: January 21, 2019**

Chitkara University Punjab in association with Intellectual Property Office ASSOCHAM, organized a one day Workshop on “Intellectual Property Rights”. Eminent speakers for the workshop were Mr. Vijay Shivpuje from ASSOCHAM, Mr. Vikas from IP Office India and Mr. Rahul Taneja, DST Haryana along with Dr. Sachin Ahuja & Dr. Inderbir Singh shared their experience on various on IPR including patent filing process in India, myths about patent filing, need of IPR economy, importance of IPR in accreditation of Indian university and latest initiatives in IPR by Gov. The representatives from Intellectual Property Office congratulated on achieving top 10 position in terms of patent filing in India and promised for more fruitful association in future.

Total 120 participants participated in this workshop.



*Participants and Resource persons of Assocham sponsored workshop on Intellectual Property Rights*

## **Workshop on Communication Skills**

**Date: 22-01-2019**

**Resource Person:** Mr. Aman Sharma

Communication skills are needed to speak appropriately with a wide variety of people whilst maintaining good eye contact, demonstrate a varied vocabulary and tailor your language to your audience, listen effectively, present your ideas appropriately, write clearly and concisely, and work well in a group

Mr. Sharma added that communications is vital in all fields. Developing communication skills can help many aspects of your life, from your professional career, to social gatherings, to your family life.

In today's hectic world, we rely heavily on sharing information, resulting in greater emphasis being placed on having good communication skills. Good verbal and written communication skills are essential in order to deliver and understand information quickly and accurately. Being able to communicate effectively is a vital life skill and should not be overlooked.

In contrast, poor communication skills can have a negative impact - a poorly delivered message may result in misunderstanding, frustration and in some cases disaster.



*Mr. Aman Sharma after his interaction with the students on positive transformation of the body language and how to make communication effective*



## **Workshop on Sensitivity and Changing Trends of Hospitality**

**Date: 24/01/2019**

Chitkara College of Hospitality Management organized a workshop on “Sensitivity and Changing Trends of Hospitality” on 24/01/2019 by Ms. Meenakshi, Front office manager, Hotel Taj Chandigarh. This workshop was conducted for the student awareness about cultural sensitivity and effect of new trends on hospitality industry. Speaker imparts their knowledge about sensitivity effects. Nowadays, the majority of developed economies are gradually and rapidly becoming service economies. In the process of globalization, the enquiry which becomes important from commercial as well as social perspective is to understand - how we should deal with people from diverse background in the frame of hospitality services’ provision. If we aim to develop a society of knowledge-based skills, which values learning and service provision to others, we need to be aware of cultural sensitivities and avoid embarrassing situations which can cause both commercial and social harm. 70 students participated in the workshop.



***Ms. Meenakshi interacting with the students of hospitality***



## Skill Development Training on Vehicle Maintenance

**Date: 31<sup>st</sup> January 2019**

Department of Mechanical Engineering organized an expert talk on "Vehicle Maintenance" on 31st January 2019 for Diploma Mechanical Engineering (Batch-2016). To develop and put in place systems for the regular inspection and maintenance of vehicles.

Ashok Leyland is an Indian automobile company. It is owned by Hinduja group. It deals with commercial vehicles. It is the manufacturer of light vehicles- trucks, buses and heavy vehicles.

Some of the glimpse of Expert Talk are as follows:



*Delegates from Automobile Company Ashok Leyland at Chitkara University with Dean Dr Anoop Kumar Singh*

## Workshop on Drug Design

Date: 31<sup>st</sup> Jan 2019

Chitkara College of Pharmacy, Chitkara University conducted a workshop on “Drug Discovery, Designing and Development” in association with Make intern & Ecell IIT Kharagpur. In this workshop first batch of 100 students participated. The aim of the workshop was to assist students place their findings in an effective translation of preclinical research to humans and introduction of new research tools may be needed to investigate each new drug molecule on targeted protein sites by expertising on various software’s such as Chimera & Pymol, Modeller, Ligand scout, Gromacs and Auto dock and available bioinformatics and cheminformatics.

**Mr. Jitesh Doshi** is an independent Bioinformatics consultant providing services to various academic and research institutes. He is an expert bioinformatics analyst and software developer with proficiencies in algorithm and software development, data mining and molecular modeling. He made the audience aware about the basic bioinformatics sequence and structure analysis workflows, Computer Aided Drug Discovery and Molecular Docking and Dynamics Simulations.

Collaborated by **Dr S Arora**, the sessions were coordinated by **Dr Rajwinder Kaur** and **Ms. Rashmi Arora** with **Mr. Jitesh Doshi**, Bioinformatician and owner of Insight Bio-IT Solutions delivering the sessions and **Dr Om Silakari**, Professor, Punjabi University Patiala felicitating the students with certificates.



***Inauguration of the workshop on “Drug Discovery, Designing and Development” in association with Make intern & Ecell IIT Kharagpur***



***Participants attending and interacting with each other regarding drug discovery***



## **Workshop on How to Become a Successful Entrepreneur**

**Date: 08/02/2019**

Chitkara College of Hospitality Management organized a workshop on “How to become a Successful Entrepreneur” on 08/02/2019. Mr. Samsher Singh, Executive leader of Expara.com shared his expertise and gave up pep up talk to the students on Entrepreneurship. Mr. Singh has 15 years of experience in corporate sector. The workshop will cover : Statutory compliances, clearances and approval procedures, How to take loan from Bank, Marketing of Products, Qualities of Entrepreneur, Project Preparations, Business Communication, Government Schemes, Self employment, Success story and Taxation structure in India. Considering the requirements, NIESBUD has an aim to educate and encourage 1,00,000 students for being an Entrepreneur. Around 80 students were attended the workshop.



*Students while attending workshop on how to become a successful entrepreneur*



## Seminar on Public Relation Skills

Date: 8 February 2019

**About Speaker:** Sagar Vishnoi is the Chief Strategist: New Media in The Ideaz factory. Also, he's founder of governance innovation lab called Govern which work with governments, civic agencies and politicians on the intersection of Industry 4.0 & politics for progressive governance. Sagar has been part of various political war rooms since 2014 where he has helped in forming communication strategies, application of tricks on ground from local candidates, 7 MLAs, 5 MPs, 2 Chief Minister's Offices, in various regional/national political parties (UP, Haryana, MP, Bihar) to two International Presidential Elections in geographies like Myanmar, Sri Lanka and Maldives.

**Mr.Sagar Vishnoi**, Chief Strategist: New Media at The Ideaz Factory gave a special talk at School of Mass Communication on the burning topic 'Political Communications'. He apprised students about how Political parties strategies their campaign by live examples from existing parties.

Thus, making his explanations more applicable, he made students do a simulation exercise in which they were asked to make political parties, think of logo and manifestos and how they will be communicated to the public. The whole exercise gave students an insight into the designing and communication of the political parties manifestos through various media especially, social media.



*Collage showing Sagar Vishnoi interacting with CSMC students on Campaign Design*

## **Workshop on Internet of things-Today's & Tomorrow's Technology**

**Date: 11 February 2019 to 15 February 2019**

### ***Resource Persons:***

- Ms. Vidyothma Gandhi, Assistant Professor
- Dr.Amandeep Kaur Bhullar, Associate Professor

A STEAM School module on "Internet of Things: Today's and Tomorrow's Technology" as conducted by Department of Computer Applications, CUIET, CU Punjab faculty members namely, Ms. Vidhyotma Gandhi and Dr. Amandeep Kaur Bhullar from February 11-15, 2019 under the flagship of CURIN. The program covered the basic introduction about Internet of Things, applications of IoT in real world, how IoT differs from internet. The students also learnt about Raspberry PI microcontroller board and got familiar with the official website site: [www.raspberrypi.org](http://www.raspberrypi.org). Various hands-on tasks learnt by the students are as below:

- Installation of Operating system supporting raspberry pi and exploring Python programming on Raspberry pi platform.
- Basic concepts of control structures and time package in Python programming.
- Concepts of GPIO, boardpins and LED blinking as well as understanding and interfacing of ultrasonic sensor.
- PIR, temperature and humidity sensor basics and interfacing with Raspberry pi, programming concepts and data logging of sensors.
- To put sensors data on internet and how to log that data on their channel.
- The Module was a success based on the students' feedback received.



***Steam School on Internet of things-Today's & Tomorrow's Technology***

## Workshop on Automatic Speech Recognition Using Machine Learning

**Resource Lead:** Dr. Virender Kadyan

**Resource Persons:** Dr. Virender Kadyan, Mr. Puneet Bawa and Shashi Bala

**Description:** Speech technologies have been developed for decades as a typical signal processing area, while the last decade has brought a huge progress based on new machine learning paradigms. Owing not only to their intrinsic complexity but also to their relation with cognitive sciences, speech technologies are now viewed as a prime example of interdisciplinary knowledge area

S.No	Duration of Event	Number of Participants
1	11-15 Feb., 2019	2



*Workshop on Automatic Speech Recognition Using Machine Learning*

## Workshop on Internet of Things Today's and Tomorrow's Technology

**Resource Lead:** Ms. Vidyotma Gandhi

**Description:** The Internet of Things refers to the rapidly growing network of connected objects that are able to collect and exchange data using embedded sensors. Thermostats, cars, lights, refrigerators, and more appliances can all be connected to the IoT. The students were taught the basic principles of IoT, and important design aspects were discussed in detail for better understanding. The students were taught the above said concepts to understand the importance of IoT and its applications.

S.No	Duration of Event	Number of Participants
1	11-Feb-2019 to 15-Feb-2019	37



Workshop on Internet of Things Today's and Tomorrow's Technology



## Workshop on Java for Beginners

**Resource Lead:** Mr. Kamaldeep Garg/Vivek Bhardwaj

**Description:** Workshop on Java for Beginners organized by Chitkara University, Punjab Campus for students. This workshop teaches the basics of Java programming, starting from OOPs concept to Database connectivity. The students will get the awareness of complete java programming to implement real time applications.

S.No	Duration of Event	Number of Participants
1	11-Feb-2019 to 15-Feb- 2019	5



*Workshop on Java for Beginners*

## Workshop on Make your first Augmented Reality Applications

**Resource Lead:** Ms. NehaTuli

**Resource Persons:** Mrs. Bhanu Sharma, Ms. Amanpreet Kaur, Mr. Yugam Bhanot, Mr. Shivam Sharma, Ms. Neha Tuli

**Description:** Augmented Reality Apps are software applications which merge the digital visual (audio and other types also) content into the user's real-world environment. The first commercial application of AR technology was the yellow “first down” line that began appearing in televised football games in 1998. The students will be learning basic concepts of AR/VR development

S.No	Duration of Event	Number of Participants
1	11-Feb-2019 to 15-Feb-2019	5



*Workshop on Make your first Augmented Reality Applications*

## Workshop on Bring your first E-Design to Life

**Resource Lead:** Ms. Rubina Dutta

**Resource Persons:** Mr. Amit Kumar, Ms. Rubina Dutta, Ms. Meenu Garg, Dr. Harsimranjit Kaur, Mr. Devender Pal Singh

**Description:** The tools and components of electric and electronic items should be handled carefully, the engineering students should have the hands on experience to design basic electronic circuits. This workshop covers the basic elements of Electronics and motivates the student to learn more advanced designs. This workshop enables the students to take up any real challenge in understanding the engineering of electronics.

S.No	Duration of Event	Number of Participants
1	11-Feb-2019 to 15-Feb-2019	28



*Workshop on Bring your first E-Design to Life*

## Workshop on Culinary Studio Kitchen

**Resource Lead:** Chef. Kapil Bhardwaj

**Resource Persons:** Chef. Kapil Bhardwaj, Chef Anirban Roy and Chef Kapil Bhardwaj

**Description:** Cookery classes to learn how to start cooking or to learn to toss dishes in new and different ways. Cookery courses are divided into various levels and cater to beginners as well as those who want to become an expert at it. Whether it is learning a new style of cooking or becoming an expert at different cuisines, these classes train students at everything.

S.No	Duration of Event	Number of Participants
1	11-Feb-2019 to 15-Feb-2019	12



*Workshop on Culinary Studio Kitchen*



## **Regional Level CSI Convention 2019**

**Date: 15 February 2019 to 16 February 2019**

Computer Society of India (CSI) Student Chapter, under the aegis of Department of Computer Applications, CUIET, CU Punjab, organized 2-day CSI Regional Student Convention (Region-I) on 15-16 Feb 2019. The Convention was aimed at bringing together the students from various states of Northern India and to provide a platform to broaden their horizons. The inauguration ceremony was graced by eminent personalities and office bearers of the Computer Society of India. Prof. (Dr.) A.K. Nayak, Vice President cum President Elect, CSI, was the chief guest for the occasion. Prof. P. Prabhakar, Chairman, CSI Chandigarh Chapter, Mr. Subhash Chander Jain, Immediate Past Chairman, CSI Chandigarh Chapter and Dr. Sushil Kaura, Executive Member, CSI Chandigarh Chapter also attended the session. Dr. S.C. Sharma, Registrar, Chitkara University, Dr. I.S. Sandhu, Dean Examination, Chitkara University, Dr. Jaiteg Singh, Dean, Department of Computer Applications, CUIET, CU Punjab and all faculty members of Department of Computer Applications were also present during the session. The ceremony started off with traditional lamp lighting, which symbolises peace and success. Prof. (Dr.) A.K. Nayak addressed the students with an enthusiastic speech. He emphasized the importance of artificial intelligence and machine learning in today's era. He also advised the students to be knowledge seekers and work for welfare of the society. The keynote speaker of the day Prof. P. Prabhakar talked about the futuristic approach to be adopted by learners so as to enable changeover to the next generation of inventions. The dignitaries and industry partners were felicitated during the session. This was followed by various activities scheduled for the day, which included a workshop on IoT, and another workshop on Python in the labs of Department of Computer Applications. Two expert lectures, one on Idea Generation and New Innovations by Dr. S.N. Panda, Director CURIN and another on Intellectual Property Rights by Dr. Sachin Ahuja, Professor, CURIN were very well received by the audience. A competition on smart devices was also held at the campus wherein student teams participated and competed each other.

Prof. (Dr.) A.K. Nayak visited the different venues of the event and motivated the participants. He applauded the efforts of CSI Student Chapter at Chitkara University for providing numerous opportunities to the students to participate in and hone their skills by means of various technical workshops, coding events, expert talks, etc. Day 2 of the CSI Regional Student Convention saw active participations in activities like the Micro Conference for students, and Code Crackers, besides the roll-over to day 2 for workshops on IoT and Python. The micro conference also attracted participation by large number of student teams that shared their ideas by means of poster presentations. The posters were judged on the basis of various quantifiable parameters so as to

ensure fair judgment. Code Crackers was yet another competition which required a desired code to be generated by the participants in a specific programming language. Besides these activities, LAN gaming (FIFA and Counter Strike) competitions were also arranged for the students wherein they competed against each other, and in the process, demonstrated their control over the input devices. The valedictory session to mark the closure of the Regional Student Convention was held during the second half of the day. Dr. P. Prabhakar, Chairman, Chandigarh Chapter was the chief guest. Other guests include Dr. S.C. Sharma, Registrar, Chitkara University and Dr. I. S. Sandhu, Dean, Dept. of Examinations. The chief guest awarded the winners of various events. Mr. Jaswinder Singh, SBC-CSI Student Chapter along with the student volunteers of the CSI Student Chapter were felicitated for successfully organizing the student regional convention. The guests, as well as the student participants from other educational institutions expressed deep sense of satisfaction over the quality of events organized during these two days. The CSI Regional Student Convention came to a close with vote of thanks by Dr. Jaiteg Singh, Dean, Department of Computer Applications, CUIET, CU Punjab.



***a) Dignitaries with Chitkara University CSI Members   b) Enlighten the lamp for inaugural***

## Nuts & Bolts of Python Programming (Workshop Under CSI)

**Date: 15 February 2019 to 16 February 2019**

**Resource Person:** Mr. Rajesh Kaushal, Associate Professor

Computer Society of India (CSI) Student Chapter, under the aegis of Department of Computer Applications, CUIET, CU Punjab, organized 2-day CSI Regional Student Convention (Region-I) on 15-16 Feb 2019. The ceremony started off with traditional lamp lighting, which symbolises peace and success. Prof. (Dr.) A.K. Nayak addressed the students with an enthusiastic speech. He emphasized the importance of artificial intelligence and machine learning in today's era. He also advised the students to be knowledge seekers and work for welfare of the society. The keynote speaker of the day Prof. P. Prabhakar talked about the futuristic approach to be adopted by learners so as to enable changeover to the next generation of inventions. The dignitaries and industry partners were felicitated during the session. This was followed by various activities scheduled for the day, which included workshop on Python (Resource Person: Mr. Rajesh Kaushal, Associate Professor and Coordinated by Mr. Jatinder Ashta, Assistant Professor) in the labs of Department of Computer Applications.



*Students are doing practices of python programming*

## **IoT Solution for Next Generation**

**Date: 15 February 2019 to 16 February 2019**

**Resource Person:** Mr. Naveen Kumar, Assistant Professor

The ceremony started off with traditional lamp lighting, which symbolises peace and success. Prof. A.K. Nayak addressed the students with an enthusiastic speech. The keynote speaker of the day Prof. P. Prabhakar talked about the futuristic approach to be adopted by learners so as to enable changeover to the next generation of inventions. The dignitaries and sponsors from industry were felicitated during the session. This was followed by various activities scheduled for the day, which included a workshop on IoT (Resource Person: Mr. Naveen Kumar, Assistant Professor and Coordinated by Ms. Vidhyotma Gandhi, Assistant Professor).



*Students participating in the workshop on IoT Solution for Next Generation*



## Workshop on Content writing for Radio

Date: 16 February 2019

**About Speaker:** RJ Naved is very popular RJ of Radio Mirchi and is famous for his social experiment on YouTube. His programme named Mirchi Murgha is very famous among listeners. His real name is Naved Khan and his interest includes painting, acting and voice over.

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Famous Radio Presenter - RJ Naved was in Chitkara University today and interacted with students. He appreciated the ambience, state of art infrastructure & Course curriculum of School of Mass Communication.

He said that the grooming of students are essential part and he is very impressed to see that with faculty & staff these aspects are very well looked after at Chitkara. Interacting with budding Media Professionals, Mr Naved said that the local touch in language and content appeals the listeners most and we have to be natural in our life and in profession so that the real identity may be created . He shared that humour , satire, moods and instant cues are most important when we are on air and to understand the audience taste's, expectations are essential which a radio presenter must strive for. He discussed about his shows, career and the essential qualities a media person must possess and emphasized on observation and stressed that meeting with more and more people always helps in this.



*Collage showing RJ Naved interacting with CSMC students on Radio Content*

## **Workshop on Experimental Study on Wireless Sensor Network using MATLAB**

**Date: 18 February 2019 to 22 February 2019**

Department of Computer Applications, CUIET, CU Punjab, under the aegis of CURIN successfully organized and completed Workshop from 18th Feb 2019 to 22 Feb 2019. **Dr. Amandeep Bhullar** from Department of Computer Applications, CUIET, CU Punjab, conducted hands on session on the topic "Experimental Study on Wireless Sensor Network using MATLAB". A total of 28 enthusiastic students from Department of Computer Applications learnt the basic concepts, requirements, architecture, graph Plotting, creation of nodes, message passing and intruder detection using MATLAB.



*Group photo of Workshop on "Experimental Study on Wireless Sensor Network using MATLAB"*

## **SURGE 0.1**

**Date: 18-22 February 2019**

Chitkara University and its Centre for Entrepreneurship Education and Development (CEED) hosted Surge 0.1 from 18th Feb to 22nd Feb. The five day event was held across four cities aims to be Northern India's largest gathering of startup ecosystem. It brought together startups, investors, thought leaders, academics, business gurus on one knowledge sharing platform to ideate, innovate and inspire. With several technological disruptions and growing economy, the business world is changing dramatically. Though challenging, it also brings myriad opportunities for anyone who has an innovative idea, which could lead to a successful business proposition. Surge 0.1 celebrated of the ideas and their creators, who will be the change makers of tomorrow. It's a platform that co-founders, startups and anyone with ideas can benefit from. The highlight of Surge 0.1 was the presence of leading names from industry and academia. Mr. Denny Kurein, President & CEO, Kieretsu India, Mr. Gautam Gandhi, Ex Business Head, Google India, Dr. Madhu Chitkara, Vice Chancellor, Chitkara University, Mr. Navdeep Asija, Founder, Ecocabs and Mr. Pranay Gupta, Co-Founder, 91 Springboard were some of the key names who will share their ideas and experiences during the event.



***Participants during the Surge 0.1***



## Workshop on Automatic Speech Recognition Using Machine Learning

Date: 18 to 22<sup>nd</sup> Feb, 2019

**Resource Lead:** Dr. Virender Kadyan

**Resource Persons:** Dr. Virender Kadyan, Mr. Puneet Bawa and Shashi Bala

**Description:** This workshop on automatic speech recognition using machine learning conducted by Chitkara University, Punjab on 18 to 22<sup>nd</sup> Feb, 2019. Students & faculty are participants from various departments. Speech technologies have been developed for decades as a typical signal processing area, while the last decade has brought a huge progress based on new machine learning paradigms. Owing not only to their intrinsic complexity but also to their relation with cognitive sciences, speech technologies are now viewed as a prime example of interdisciplinary knowledge area

No. of participants: 12



*Workshop on Automatic Speech Recognition Using Machine Learning*

## Workshop on Game Design

**Resource Lead:** Mr. Parminder Singh

**Description:** Game design is the art of applying design and aesthetics to create a game for entertainment or for educational, exercise, or experimental purposes. Increasingly, elements and principles of game design are also applied to other interactions, in the form of gamification.

S.No	Duration of Event	Number of Participants
1	18 – Feb -2019 -22 –Feb - 2019	29



*Workshop on Game Design*

## Workshop on Bakery and Pastry

**Resource Lead:** Chef. Tarun

**Description:** In this workshop a beginner or an experienced one can learn and enhance their Baking as well as Culinary skills. The baking techniques are absolutely beautiful which will challenge you to think and bake out of the box. The students will do real baking in this course.

S.No	Duration of Event	Number of Participants
1	18-Feb-2019 to 22-Feb-2019	3



*Workshop on Bakery and Pastry*

## Workshop on Experimental Study of Wireless Sensor Network (WSN) Using MATLAB

**Resource Lead:** Dr. Amandeep Kaur

**Description:** A wireless sensor network consists of spatially distributed autonomous sensors to cooperatively monitor physical or environmental conditions, such as temperature, sound, vibration, pressure, motion or pollutants. Different approaches have used for simulation and modelling of SN (Sensor Network) and WSN. The participants were taught the advantages of using MATLAB for implementing and testing the Wireless Sensor Networks.

S.No	Duration of Event	Number of Participants
1	18-02-2019 to 22-02-2019	28



*Workshop on Experimental Study of Wireless Sensor Network (WSN) Using MATLAB*



## Workshop on Basics of Unity 3D

**Resource Lead:** Ms. NehaTuli

**Resource Persons:** Ms. Manisha, Mr. Harun, Mr. Kartik, Mr. Gurwinder, Ms. Neha Tuli

**Description:** Unity is the ultimate game development platform. Use Unity to build high-quality 3D and 2D games, deploy them across mobile, desktop, VR/AR, consoles or the Web, and connect with loyal and enthusiastic players and customers. The students were given an hands on training session develop simple and advanced applications on the same.

S.No	Duration of Event	Number of Participants
1	04-Mar-2019 to 08-Mar- 2019	9



*Workshop on Basics of Unity 3D*

## Seminar on Challenges and opportunities in Film industry

Date: 5 March 2019

**About Speaker: Chandan Singh Gill,** an alumni of Chitkara School of Mass Communication has array of experience from production to acting. He is known for his roles in Bhaag Milkha Bhaag (2013), Pal Pal Dil Ke Paas (2019) and Needhi Singh (2016). He runs Fridays Arts Production Company and has worked on various national and international film projects.

Chandan Gill was really overwhelmed while revisiting the Campus after 10 years. He credited the school for forming the base for his journey towards film production. He shared with the students that he was very clear from the beginning that he wanted to be in film production though he later realized it was that easy. By saying that, he informed the students to be focus on what they want to do in their career and train themselves accordingly. While sharing his experience of ups and downs during the journey, he motivated the students to be resourceful and should be active in handling crises. He also attracted the student's attention by sharing that you meet many celebrities in this career but you should always remain grounded.

He answered many questions of students pertaining to production line and its difficulties which is answered very patiently. He also paid gratitude to his teachers who taught him and made him that capable to have his own stand in life.



*Chandan Singh Gill in interaction with CSMC students along with other Alumni*



*Chandan Singh Gill in interaction with CSMC students*

## Seminar on Anchoring Skills

Date: 5 March 2019

**About Speaker:** **Ravneet Singh** is a famous **Punjabi** anchor and **actor**. He was born on 17 November 1992 in Chandigarh, India. He is famous for anchoring the show Canteeni Mandeer which is aired on MH1 **Punjabi** channel. Other than anchoring Ravneet also worked in some Punjabi movies and singing. He made his singing debut with the song Lakh Laahnta in 2007 and made his debut in movies with JATT vs IELTS in 2018. Before working in Canteeni Mandeer he worked in Radio Mirchi Jalandhar and Big FM.

Ravneet Singh presence at institute enthralled the students and he felt like returning to his homeland. He mastered in Punjabi language and felt that language is never a barrier for a media student. He was always comfortable with not knowing English but had an absolute command over Punjabi. Hence, he educated student to master any one language to make a mark in the media field and feel confident about it. Reading newspaper and keeping oneself update is always important along with the presence of mind to be an entertainment anchor. He said, one should know how to make lemonade out of lemon as you might have sarcasm from the audience at many times and should handle them gracefully. Feeling confident with adequate knowledge along with physical appearance is much to be in an entertainment field.



*Ravneet Singh in interaction with CSMC students along with other Alumni*



## Seminar on New Reading Anchoring Skills

Date: 5 March 2019

**About Speaker:** Gaurav Shukla is a renowned anchor in the IBN 7 channel and alumni of School of Mass Communication. He started his journey with Day & Night news channel and then worked with Zee Network, India News , etc. from hosting reporting to talk shows to news Reading, he has explored all the areas that has sharpen his skills.

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Gaurav Shukla while interacting with students shared his journey of hardships and taking right decision at a right time. Being an anchor, he told the students that you have to spontaneous and updated with all the information before you go in front of the camera. As electronic field is very demanding, there one should be always ready to work at any hour as there can be breaking news at any hour of the day. He also shared that as a student, he used to read a lot and discuss a lot and always had his passion towards electronic. When a student's asked about his first break as an anchor, he shared that he got an opportunity to anchor as one of the anchor wasn't well and there he availed that opportunity to his benefit. Therefore, opportunity comes only once and that was a time to prove all my hard work and preparation I had done in my life. Student asked a lot of queries to him and he answered them very gracefully and intelligently with an end note of gratitude to his teachers who taught him and made him that capable to stand and share his experience.



*Gaurav Shukla in interaction with CSMC students along with other Alumni*

## Workshop on Solar Cell Device Simulation

**Resource Lead:** Dr. Rahul Pandey, Dr.Jaya Madan

**Theme:** Solar Cell Simulation Introduction

**Resource Persons:** Dr. Rahul Pandey, Dr.Jaya Madan

**Description:** Technology Computer-Aided Design (TCAD) refers to the use of computer simulations to develop and optimize semiconductor processing technologies and devices. Synopsys TCAD offers a comprehensive suite of products that includes industry leading process and device simulation tools, as well as a powerful GUI-driven simulation environment for managing simulation tasks and analysing simulation results. The TCAD process and device simulation tools support a broad range of applications such as CMOS, power, memory, image sensors, solar cells, and analog/RF devices. In addition, Synopsys TCAD provides tools for interconnect modelling and extraction, providing critical parasitic information for optimizing chip performance.

S.No	Duration of Event	Number of Participants
1	05-03-2019 to 11-03-2019	11



*Workshop on Solar Cell Device Simulation*

## **Workshop on Make your Own Sensor Board/Electronics Made Easy**

**Resource Lead:** Dr. Harsimranjit Kaur

**Resource Persons:** Mr. Amit Kumar, Ms. Rubina Dutta, Ms. Meenu Garg, Dr. HarsimranjitKaur, Mr. Devender Pal Singh

**Description:** Chitkara University, Punjab Organized the workshop on make your own sensor board/electronics made easy for students pm 5<sup>th</sup> to 9<sup>th</sup> March, 2019. In this workshop 7 students are participant from electrical department. The sensor board is constructed of Colorceran, which is an inorganic material used in the construction of skin stimulant sensors. The size of the sensor board is the same as that described in ASTM F2701. The students were taught the basics of making their own sensor board and made some basic designs. The inputs and materials were by the University whereas the student were learning subject matters from experts.



*Workshop on Make your Own Sensor Board/Electronics Made Easy*



## **Workshop on Bring your first E-Design to Life**

**Resource Lead:** Ms. Rubina Dutta

**Resource Persons:** Mr. Amit Kumar, Ms. Rubina Dutta, Ms. Meenu Garg, Dr. Harsimranjit Kaur, Mr. Devender Pal Singh

**Description:** This workshop covers the basic elements of Electronics and motivates the student to learn more advanced designs. This course enables the students to take up any real challenge in understanding the engineering of electronics. The tools and components of electric and electronic items should be handled carefully, the engineering students should have the hands on experience to design basic electronic circuits.

S.No	Duration of Event	Number of Participants
1	05-Mar-2019 to 09-Mar-2019	4

*Workshop on Bring your first E-Design to Life*

## Workshop on Personal Effectiveness Workshop

**Resource Lead:** Ms. Ishita Gulla

**Description:** Chitkara University organised by workshop on personal effectiveness workshop on 5<sup>th</sup> to 9<sup>th</sup> March, 2019. Participants would find this programme very useful and supportive in equipping them with the relevant skills and motivation to enhance workplace productivity, carry out their roles effectively, and learn to raise their game, no matter the challenges they face.

As the dynamics and challenges in today's work environment change rapidly, there is an increasing need for employees to work in the most effective way to boost productivity. This programme is designed to challenge employees to discover their full potentials as well as acquire appropriate skills and strategies that would enable them bring out their best in every situation at work and in personal life towards achieving peak performance and excellence.

S.No	Duration of Event	Number of Participants
1	05-Mar-2019 to 09-Mar-2019	4



*Workshop on Personal Effectiveness Workshop*

## Seminar on Writing Skills

Date: 6 March 2019

**About Speaker:** Vinit K. Bansal began his journey as a poet and soon, he graduated as prolific author and editor of national repute.

His first novel 'I am Heartless' created a sensation in the Indian writing industry and is widely considered as one of the top ten Indian romantic novels that redefined romance. His anthology series 'Uff Ye Emotions' has been the synonym of success in the segment since the past couple of years. Versatility remains the key factor in Vinit's writing and has helped him create a niche for himself as a writer in both, Hindi and English language in fiction as well as in the non-fiction segment. Other than writing, he is a creative consultant and a motivational speaker as well, often conducting regular sessions on motivation and personality development in different academic institutes of India.

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Mr. Vinit k. Bansal, a noted author and motivational speaker interacted with the students of Mass communication. Mr Vinit through his interaction was able to shed the inhibition of writing being an arduous and daunting task.

Through his life experiences Mr. Vinit shared his journey of becoming an author and motivated all the budding writers. Mr. Bansal generously answered all the queries of the students.

He also highlighted the importance of commitment, self discipline. All his views helped the students to realise that writing can be a fun and easy task.



*Vinit Bansal holding his latest release*



*Collage showing Aman Gupta interacting with CSMC students along with the faculty*



## Workshop on Photography

**Resource Lead:** Ms. Bhavana Sharma

**Description:** A photography course typically starts with a course in the basic photography in which a student learns the basic operation done using a camera. If you are an aspiring photographer then you can choose a specialized course from a wide range of available options. A photographer is one which can capture almost everything from an event to place.

S.No	Duration of Event	Number of Participants
1	11- Mar -2019 to 15-Mar-2019	21



*Workshop on Photography*

## **Workshop on Make your first Augmented Reality Applications**

**Date:** 11<sup>th</sup> March to 15<sup>th</sup> March, 2019

**Resource Lead:** Ms. NehaTuli

**Resource Persons:** Mrs. Bhanu Sharma, Ms. Amanpreet Kaur, Mr. Yugam Bhanot, Mr. Shivam Sharma, Ms. Neha Tuli

**Description:** Workshop on make your first augmented reality applications conducted by Chitkara University, Punjab for students on 11<sup>th</sup> March to 15<sup>th</sup> March, 2019. In this workshop 6 students are participant from various departments. The first commercial application of AR technology was the yellow “first down” line that began appearing in televised football games in 1998. The students will be learning basic concepts of AR/VR development. Augmented Reality Apps are software applications which merge the digital visual (audio and other types also) content into the user's real-world environment.



*Workshop on Make your first Augmented Reality Applications*

## Workshop on Make your First Drone – Basics of System Integration

**Resource Lead :** Ms. Bhanu Sharma

**Resource Persons:** Mr Sumit Badotra, Mr. Vishal Verma, Ms. Ravneet Kaur and Bhanu Sharma

**Description:** The students will learn to Construct a frame, Assemble drone's motors, Mount your electronic speed controllers (ESCs), Attach the landing gear, Add your flight controller, and Connect LibrePilot to your drone. The students will make their own drone, all raw materials and construction units are given by University to the students and they were getting trained in assembling of drones.

S.No	Duration of Event	Number of Participants
1	12-Mar-2019 to 16-Mar-2019	6



*Workshop on Make your First Drone – Basics of System Integration*

## Workshop on Make your Own Sensor Board/Electronics Made Easy

**Resource Lead:** Dr. Harsimranjit Kaur

**Resource Persons:** Mr. Amit Kumar, Ms. Rubina Dutta, Ms. Meenu Garg, Dr. Harsimranjit Kaur, Mr. Devender Pal Singh

**Description:** The sensor board is constructed of Colorceran, which is an inorganic material used in the construction of skin stimulant sensors. The size of the sensor board is the same as that described in ASTM F2701. The students were taught the basics of making their own sensor board and made some basic designs. The inputs and materials were by the University whereas the students were learning subject matters from experts.

S.No	Duration of Event(2018)	Number of Participants
1	19-Mar-2019 to 23-Mar-2019	11



*Workshop on Make your Own Sensor Board/Electronics Made Easy*



## Seminar on Digital Dinosaur! Transformational Strategies for Digital Excellence

Date: 25-03-2019

**Resource Person:** Mr. Jagmohan Singh Rishi

**Summary:** Digital dinosaur is a book written by Mr. Jagmohan Singh Rishi, corporate executive WOCKHARDT Ltd. The book was inaugurated by him at our university. In his address to the audience, Mr. Jagmohan emphasized the importance of digitization as a modern sales and marketing tool. By embracing digital marketing, you can have access to customers anywhere in the world. Digitization adoption leverages an edge over competitors.

Mr. Jagmohan Singh Rishi is Golden Peacock Awardee, Global L& D, and Digital Marketing Strategist. He is commonly known as the ' Coaches ' Coach and has over 25 years of experience working with executive teams. He had been associated with leading organizations like Pfizer, Warner-Lambert, UCB, ERBA Mannheim, and Wockhardt.



*Mr. Jagmohan Rishi delivering speech on need for digitization and Mr. Kanwardeep Singh Bedi inaugurating His book "Digital Dianosaur"*

## Workshop on Solar Cell Device Simulation

Date: 25-03-2019

**Resource Lead:** Dr. Rahul Pandey, Dr.Jaya Madan

**Theme :** Solar Cell Simulation Introduction

**Resource Persons:** Dr. Rahul Pandey, Dr.Jaya Madan

**Description:** Chitkara University organised “Workshop on Solar Cell Device Simulation” for students and faculty. Total number of 11 participants is various departments. Synopsys TCAD offers a comprehensive suite of products that includes industry leading process and device simulation tools, as well as a powerful GUI-driven simulation environment for managing simulation tasks and analysing simulation results. The TCAD process and device simulation tools support a broad range of applications such as CMOS, power, memory, image sensors, solar cells, and analog/RF devices. In addition, Synopsys TCAD provides tools for interconnect modelling and extraction, providing critical parasitic information for optimizing chip performance.



*Workshop on Solar Cell Device Simulation*

## Workshop on Basics of Unity 3D

**Resource Lead:** Ms. NehaTuli

**Resource Persons:** Ms. Manisha, Mr. Harun, Mr. Kartik, Mr. Gurwinder, Ms. Neha Tuli

**Description:** Chitkara University Organised the workshop on Basics of Unity 3D on 25<sup>th</sup> to 29<sup>th</sup> March, 2019 for students. Unity is the ultimate game development platform. Use Unity to build high-quality 3D and 2D games, deploy them across mobile, desktop, VR/AR, consoles or the Web, and connect with loyal and enthusiastic players and customers. The students were given an hands on training session develop simple and advanced applications on the same.

S.No	Duration of Event	Number of Participants
1	25-Mar-2019 to 29-Mar-2019	3



*Workshop on Basics of Unity 3D*

## Workshop on Personal Effectiveness Workshop

**Resource Lead:** Ms. Ishita Gulla

**Resource Persons:** Ms. Ishant Pahuja and Ms. Ishita Gulla

**Description:** As the dynamics and challenges in today's work environment change rapidly, there is an increasing need for employees to work in the most effective way to boost productivity. This programme is designed to challenge employees to discover their full potentials as well as acquire appropriate skills and strategies that would enable them bring out their best in every situation at work and in personal life towards achieving peak performance and excellence.

Participants would find this programme very useful and supportive in equipping them with the relevant skills and motivation to enhance workplace productivity, carry out their roles effectively, and learn to raise their game, no matter the challenges they face.

S.No	Duration of Event	Number of Participants
1	25-Mar-2019 to 29-Mar-2019	28



*Workshop on Personal Effectiveness Workshop*



## **Mentor Mentee Meet**

**Date: 29 March 2019**

“Mentor/Mentee Meet Up” was a hands-on mentoring program for budding entrepreneurs, organised by Centre for Entrepreneurship Education & Development (CEED) held at Explore Hub, Chitkara University, Punjab on 21/09/2017(Thursday) in 39 budding entrepreneurs from Chitkara University Punjab & Chitkara University, Baddi participated. The aim of this meet-up was to provide a structure to budding entrepreneurs/ startups to find solutions to their problems by interacting with brilliant peers and experts in the startup domain such as Mr.Sumeer Walia, Director-CEED/CIEF,Chitkara University, Mr. Shubham goyal (Founder - Seacup), Mr. Anurag Jain (Founder-Asira Labs), Mr. Shivansh (Founder -Aiotize), Mr. Simran Singh (Founder - Chai Nagri), Mr. Divam Wadhwa (Founder - Chai Nagri), & Dr Adarsh Aggarwal (Professor-CEED) which lasted for 5 hrs.



*Participants with the experts*

## Skill Development Training on Past, Present and Future of Refrigerant

Date: 2<sup>nd</sup> April 2019

Department of Mechanical Engineering organized an expert talk on "Past, Present and Future of Refrigerant" on 2nd April 2019 by delegates for ISHARE for Mechanical Engineering. While all air conditioners and heat pumps use refrigerant of some kind, they don't actually use the same type. Because of environment concerns and improvements in energy efficiency, the refrigerants most commonly used have changed over time.

Mr. C. Subramaniam, National President, Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE). He is principal consultant in SSS consultants which offers design services in the field of sustainability/ strategies/solutions. He is graduated in Mechanical Engineering from IIT Madras. He is a LEED accredited professional.

Some of glimpse of Expert Talk are as follows:



*Fraternity from Chitkara University with C Subramaniam*

## **Workshop on Creativity How to Implement Your Ideas**

**Date: 4 April, 2019**

**Resource Persons:** Mrs. Inga Bermika

**Areas of Excellence:** Academic Guide and Tutor

**Organized By:** Department of Bachelor of Fine Arts

**Number of Participants:**38

**Course Highlights:** The aim of this workshop was how to implement your ideas in real life. The participants used different materials and techniques in making actual models. Students working solo, each received different specification stores or advertised space decoration(fashion, sports, pet store, tourism agency, bakery, pharmacy etc.)

**Photographs of the Event:**

*Presentation on the implementation of Ideas by Inga Bermika*

*Work display by the students in the workshop along with Inga Bermika and Faculty*



## **Workshop on Kashmiri Cuisine**

**Date: 5th April 2019**

Chitkara College of Hospitality Management organized a workshop on Kashmiri Cuisine. Chef Yaseen Reshi demonstrated the students on various Kashmiri delicacies were prepared by Chef. Chef Yaseen is a benevolent personality having a rich experience of 10 years in hotels and academics. This workshop was very knowledgeable and resourceful for our students. He also guided the students about Kashmiri Wazwan however he also brought some authentic ingredients from Kashmir which were known for our students. Students were very meticulous about this workshop and indeed it was fruitful workshop. Around 60 students were participated in workshop.



*Students while attending Kashmiri workshop*

## **FDP on Application of MATLAB in Research**

**Date: 8<sup>th</sup> April, 2019**

The Department of Applied Sciences, CUIET has organized a Faculty Development Program on "APPLICATIONS OF MATLAB IN RESEARCH" on 8th April, 2019. Resource Person: Dr. Reetu Malhotra, Associate Professor, Chitkara University, Punjab. She has organised various events and gave expert talks. She has published research papers in various journals and conference proceedings. Core Content : Evolution, Concepts and need of MATLAB, introduction to MATLAB Screen, Variables, Array, Matrix, Indexing, Operators (Arithmetic, Relational, Logical), Solving of linear Differential equations, Eigen values and eigen vectors (useful in linear system control such as stability analysis, system decomposition, Image processing, Pattern recognition applications etc.), Curve fitting, Plotting of Graphs. In total 48 Faculty members from different departments participated in this workshop and from the reviews and feedback of the participants, it has been concluded that workshop was a great success and participants want to conduct more such informative workshops with advanced level teachings.



***Group Photo of FDP on Applications of MATLAB in Research***

## **Workshop on Yoga and Stress Management**

**Date: 10th April 2019**

Yoga is the oldest known science of self-development. Yogic exercises are confined to minimum motions involved with a low temperature. Further by influencing the automatic nervous system, the yogic exercises ensure better food utilization and improved nourishment besides proper relaxation due to voluntary control of individuals. The Zumba and aerobic exercise refer to energetic physical activity that requires high levels of oxygen. It involves rhythmical action of the body over a distance or against gravity as occurs in dancing, jogging, running, swimming or certain calisthenics. Performing aerobic exercises directly affect the physiological aspects of the body.

Resource Persons: Ms. Priyanka Rani, Assistant Professor (Expertise in Yoga and explain the importance of asanas to cure health problems and Ms. Divya Bagai Assistant Professor (Expertise in Aerobics and Zumba).

This program was attended by the 34 faculty of different departments including CBS, CSE, ME, EE, CSL of Chitkara University, Punjab. In this workshop the different asanas were performed such as Surya Namaskar, Padma asana, Tad asana, Bhujang asana, Hal asana, Trikon asana, Paschimott asana, Vakr asana and many more. Also, the participants enjoyed the energetic aerobics and Zumba session, under the direction of Ms. Divya Bagai.



*Participants doing Pranayama as per instructions given by Resource person*

## Workshop on Linux Shell Scripting

**Resource Lead:** Mr. Jatin Arora

**Description:** This workshop on Linux shell scripting organized by Chitkara University, Punjab for students and researchers. Below are the topics are covered in this workshop.

Courses to Learn Linux Shell Scripting

Shell Scripting: Discover How to Automate Command Line Tasks

Linux Shell Programming for Beginners

Linux Shell Scripting: A Project-Based Approach to Learning

Bash Shell Scripting, Bash Shell Scripting Tutorial for Beginners

S.No	Duration of Event	Number of Participants
1	15-04-2019 to 18-04-2019	7



*Workshop on Linux Shell Scripting*



## Workshop on Python Programming

**Resource Lead:** Mr. Vivek Bharadwaj

**Description:** Python is a powerful general-purpose programming language. It is used in web development, data science, creating software prototypes, and so on. Fortunately for beginners, Python has simple easy-to-use syntax. This makes Python an excellent language to learn to program for beginners. This course aims to create awareness among the students about the importance of Python coding and development.

S.No	Duration of Event	Number of Participants
1	15-Apr-2019 to 19-Apr-2019	5



*Workshop on Python Programming*

## Workshop on Cyber Security and FPGA

**Resource Lead:** Dr. Ramkumar K R

**Resource Persons:** Ms. Tarandeep Kaur, Mr. Keshav Kumar, Ms. Amanpreet Kaur

**Description:** Workshop on Cyber Security and FPGA conducted by Chitkara University, Punjab. The Cyber security is an emerging trend since the data volume is growing every day and amount of digital data is very high in recent days. The students will learn the basic principles of number theory concept, symmetric and asymmetric key based algorithms, cryptanalysis, and implementations of the algorithms in basic languages.

S.No	Duration of Event	Number of Participants
1	15-04-2019 to 19-04-2019	8



*Workshop on Cyber Security and FPGA*

## Seminar on Advances in Electrotherapy

Date: 18th-19th April 2019

**Resource Person:** Mr P R Anand Kumar, Manager – Clinical Education in BTL India Pvt. Ltd.

Seminar on “Advances in Electrotherapy” was organized by Department of Physiotherapy, Chitkara School of Health Sciences in association with Synapse Physio Pvt Ltd a on 18th and 19th April 2019 in Einstein Hall, Chitkara University, Punjab, India. Dr Sahana A began the session by welcoming the resource person, Mr. P R Anand Kumar who is currently working as a Manager – Clinical Education in BTL India Pvt. Ltd. Mr. Anand began his session with the brief introduction to the basics of electrotherapy, various electrotherapeutic modalities used in the Physiotherapy practice. Hands on session on use of electrotherapeutic modalities with greater focus on the condition specific use of electrotherapeutic modalities. On day 2, hands on practical session was conducted for the undergraduate students on the various treatment aspects. At the end of Day 2, students acquired a greater knowledge and skill required for use of modalities in various conditions. This interactive workshop was attended by the 37 students of BPT.



*Seminar on Advances in Electrotherapy*

## PITCH PERFECT

Date: 18 April 2019

**Resource Person:** Mr. Sumeer Walia

Chitkara University's most prestigious Business Idea Challenge STARTUPS DAY's semi-finale "PITCH PERFECT" was held at Explore Hub, Chitkara University, Punjab on April 18, 2019. The pitch perfect is a platform where deserving 12 startups are selected out of 47 startups who will finally pitch in Startup Day finale to compete for the prizes worth \$2000 and various other benefits like structured mentoring, space, seed fund etc. The day started with live Pitches by all the startups followed by a One-to-one Mentoring session by the mentors. The prime objective of the mentoring session was to enable the participants to enhance the quality of their Final Pitch. Interaction with Mentors not only helped the contestants to improve their pitch but also helped them discover more about their idea.



*Participants pitching their ideas during the event*



## **Workshop on TV Commercial**

**Date: 22 April, 2019 to 27 April, 2019**

**Resource Person:** Mr. Donovan Wodehouse (Photographer and Editor)

**Areas of Excellence:** A Photographer, An Editor and A Writer.

**Organized By:** Department of Bachelor of Fine Arts

**Number of Participants:** 21

**Course Highlights:** Understanding the TV commercial ideas and concepts. Learning about the product, brand and client requirements. Brainstorming the ideas, converting the ideas into scripts, Storyboarding. Assigning the technical role to the student to do the direction, lighting and camera for a TV commercial shooting. After that students participate in the editing and post production techniques.

**Photographs of the Event with date and captions:**



**Students and faculty in hall at the presentation by Mr. Donovan**



*Mr.Donovan presenting his expertise to students*

## Workshop on Automatic Speech Recognition Using Machine Learning

**Resource Lead:** Dr. Virender Kadyan

**Resource Persons:** Dr. Virender Kadyan, Mr. Puneet Bawa and Shashi Bala

**Description:** This workshop Automatic speech recognition using machine learning have been developed for decades as a typical signal processing area, while the last decade has brought a huge progress based on new machine learning paradigms. Owing not only to their intrinsic complexity but also to their relation with cognitive sciences, speech technologies are now viewed as a prime example of interdisciplinary knowledge area.

S.No	Duration of Event	Number of Participants
1	22-26 April, 2019	7



*Workshop on Automatic Speech Recognition Using Machine Learning*



## Workshop on Google News Lab on Investigative and Data Journalism, Verification and Fact Checking

Date: 23 April 2019

**About Speaker:** Ms Geetika is a Teaching Fellow at Google News Lab. The themes of the workshop were- Fundamentals of Research, Investigative and Data Journalism and Verification and Fact Checking.

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Ms. Geetika conducted a one day workshop for media students and CSMC staff members on 23 April 2019. Around 60 students of BAJMC 2 year and MAJMC 1 year and all the staff members attended the workshop.

She used tools like Advanced Google Search, Google Trends, Google Public Data Explorer, Google Scholar, Google Alerts, Google News Archive, Google Maps/My Maps, Google Translate, Reverse Image Search, YouTube etc to give hands-on exposure to the participants.

These tools were aimed at newsgathering, finding useful datasets, giving insight into what people are searching for on Google, Survey of Google's tools for verifying and fact-checking content, avoiding hoaxes, and finding authoritative data sets, images and sources online.







*Collage Ms. Geetika interacting with CSMC students on Fact Checking*

## **Startup Day 2019**

**Date: 26-04-2019**

Startup Day is a 12 weeks long program where 5-7 boot camp where lead to prefinale & final this year. Entrepreneurship Cell, Chitkara University organized the 5th edition of the Startup Day 2019 on 26 April, 2019. To promote the start-up culture in the campus and beyond, E-Cell helped the start-up enthusiastic students to pitch their ideas infront of designated entrepreneurs and industrialists Mr. Jazzy Sihota- Founder Saffron Inc, USA. Member- Chandigarh Angels, Dr. Sandhir Sharma-Dean Chitkara Business School-CUPB., Mr. Ajay Suman Shukla- Team LeadDeshpande Foundation- USA., Rahul Mishra MD at Bluest Mettle Solutions (P) Ltd. The event saw winners as BES who is focusing on making affordable pollution masks! (Hardware & innovation) and won 1 year of working space and \$500 plus dedicated mentoring. The second runner up was Quiz o mania who got 1 year of working space and 300 \$ plus dedicated mentoring. The second runner up saw a tie between Beyond Giftism and Farrago Music, where each won 1 year of working space and 200\$ plus dedicated mentoring.



***Startup Day 2019 Winners***

## Workshop on Cyber Security and FPGA

**Resource Lead:** Dr. Ramkumar K R

**Resource Persons:** Ms. Tarandeep Kaur, Mr. Keshav Kumar, Ms. Amanpreet Kaur

**Description:** The Cyber security is an emerging trend since the data volume is growing every day and amount of digital data is very high in recent days. The students will learn the basic principles of number theory concept, symmetric and asymmetric key based algorithms, cryptanalysis, and implementations of the algorithms in basic languages.

S.No	Duration of Event	Number of Participants
1	03-05-2019 to 08-05-2019	10



*Workshop on Cyber Security and FPGA*

## **Investment Banking Workshop – 2019**

**Date: 20-05-2019 to 24-05-2019**

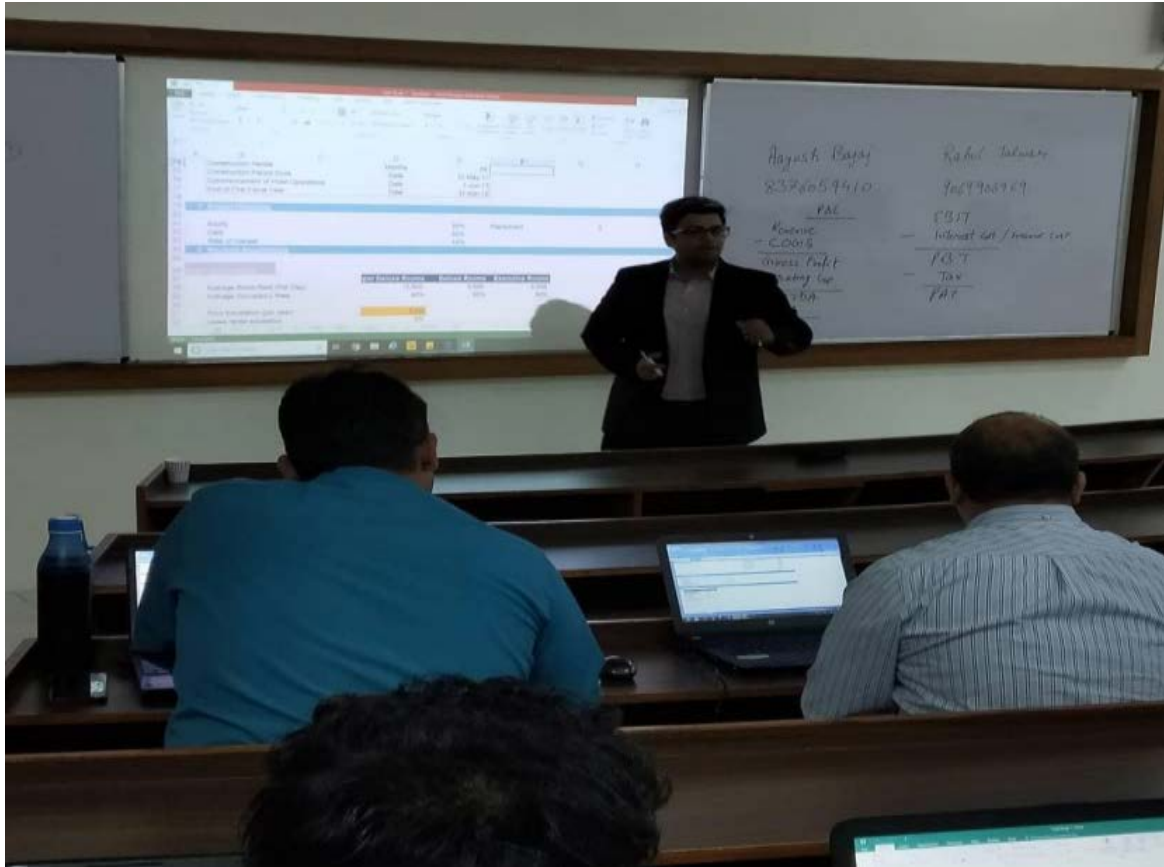
A five day workshop focusing on 'Investment Banking' was conducted by the Chitkara Business School, Chitkara University, Punjab from 20 May 2019 to 24 May 2019. Finance experts Mr. Aayush Bajaj and Mr. Rahul Talwar were the resource persons for the workshop. Mr. Aayush Bajaj is a finance professional, a national and international level corporate trainer for Financial Modelling, Valuation, CPA and ACCA. Mr. Rahul Talwar is a cofounder of TeachBox Learning. He is business development partner of AR Finance Room. Additionally, the experts are actively engaged in the consultancy services related to financial modelling and valuation.

The workshop provided an edge through our unique case study methodology focusing on real life business scenarios. The workshop began with core modules detailed with excel workshops on real life examples and then later on handled many complex modules related to Profit Metrics Ratios Introduction, Revenue Modeling, Modeling Capex, Modeling Interest Expenses, Taxation Overview, Modeling current tax and deferred tax, Overview of fx, risk and hedging, Basic vs diluted EPS, Identifying dilutive EPS and modelling, Dividend decisions and modelling etc.

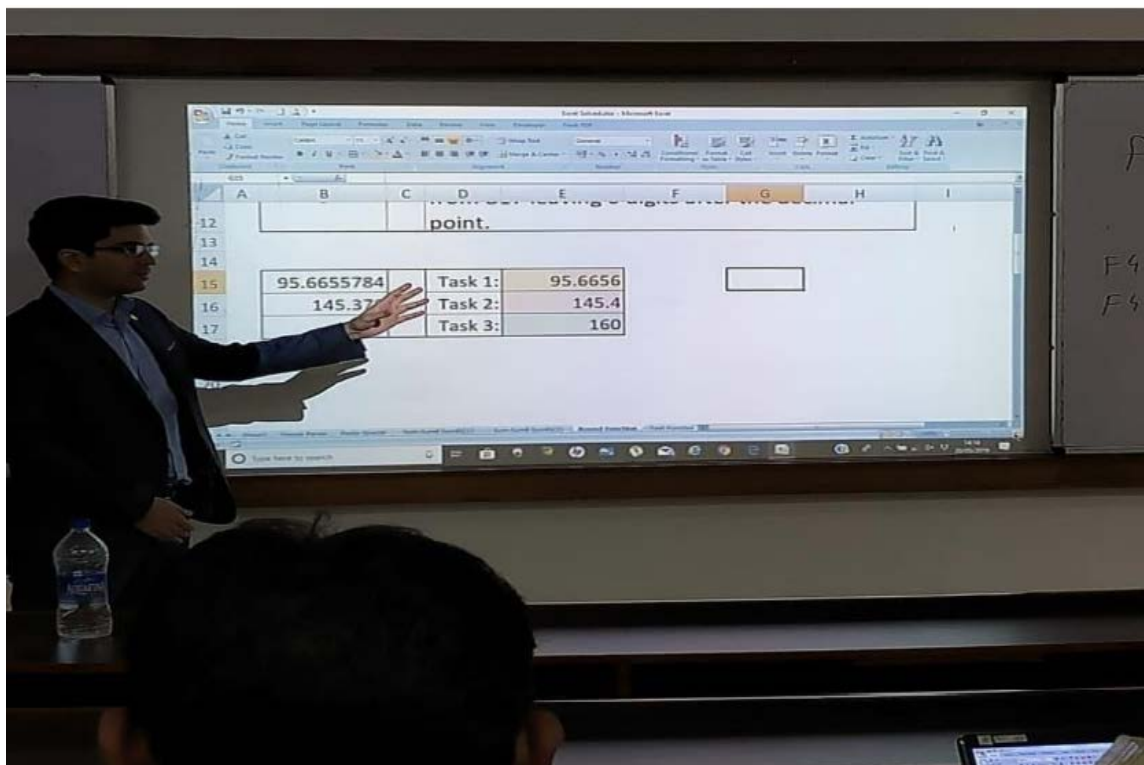
Twenty Six participants from Chitkara Business School joined the workshop and earned a lot of insights regarding the technical aspects of investment bankings, financial instruments and other practical details. The participants felt enthusiasm after learning and were excited to attend future workshops in the same area.

Dr. Kiran Mehta, Professor, Chitkara Business School offered a vote of thanks to the resource persons at the conclusion of the workshop.





*Glimpse of Live Session during Investment Banking Workshop – 2019*



*Insight into the contents covered during Investment Banking Workshop – 2019*

## Workshop on Coding for Medical Imaging Professionals

Date: 28th May 2019

### **Resource Person:**

- Dr Murali, Neuroscience Lead
- Mr. Salil Gupta, Development Engineer
- Ms. Soumya Gaur, Product Lead for artificial intelligence (AI)

Chitkara School of health sciences organized a workshop on “CODING for Medical Imaging Professionals” with Mahajan Imaging CARING on 28 May 2019 for bachelors & masters students of Medical Radiology & Imaging Technology. Resource persons Dr Murali, Neuroscience Lead, Mr. Salil Gupta, Development Engineer and Ms. Soumya Gaur, Product Lead for artificial intelligence (AI), introduced to networks at a radiology centre, workflow, Artificial Intelligence & the future of radiology. Students also had hands on practice on Radiant & Clear Canvas software’s & DCM4che and python scripting for radiology as well. Students participated actively in the workshop. 35 Students of B. Sc AHS participated on this workshop. This workshop opened a window toward better understanding of the fundamental technology & to the emergent field of machine learning.





***Workshop on CODING for Medical Imaging Professionals***

## **Faculty Development Program on Entrepreneurship from Idea to Commercialization on Creating and Using Online Platform for Academic Interaction, Teaching Content and Student Evaluation**

**Date: June 5<sup>th</sup>, 2019 to June 9<sup>th</sup>, 2019**

A Faculty Development Programme (FDP) on theme **“Entrepreneurship from idea to commercialization on “Creating and using online platform for academic interaction, teaching content and student evaluation ””** was organized at Chitkara College of Pharmacy (CCP), Chitkara University, Punjab on June 5<sup>th</sup>, 2019 to June 9<sup>th</sup>, 2019. 190 participants from CCP and other colleges were a part of the elucidative program.

Objective of the FDP: The event was focused on taking a stride towards online learning which is the newest and most popular form of distance education now a days. Within the past decade it has had a major impact on postsecondary education and the trend is only increasing. In this FDP we explored what the experience of online learning is like for students and how it has changed the role of the instructor. Dr. Sandeep Kumar, Associate Professor , ASBASJSM College of Pharmacy Bela, Ropar, Punjab; Dr. Upendra Nagaich, Associate Professor, Institute of Pharmaceutical Sciences, Amity University, Noida, UP; Dr. Saahil Arora, Professor, ISF College of Pharmacy Moga, Punjab; Dr. R.K Narang, Professor, ISF College of Pharmacy, Moga, Punjab; Dr. Ashwani Bhatia, M.Pharm. PhD, Assistant Professor, University Institute of Pharmaceutical Sciences, Panjab University Chandigarh delivered the enlightening talks on creating and using online platform for academic interaction, teaching content and student evaluation.

The attendees were introduced to online learning and education system that takes place over the Internet which is often referred to as “e learning” and Course Management System (CMS) software is utilized by colleges today.

The following key points were discussed :

- instructors to design and deliver their courses within a flexible framework that includes a number of different tools to enable learning and communication to occur.
- CMS offer functionality which allows instructors to deliver course content, enable communications, and conduct evaluations.



The most common tools offered by CMS which were discussed were:

- Schedule For posting and viewing deadlines, events, etc.
- Announcements For posting current information to all students. S
- yllabus For creating and posting the course syllabus.
- Modules For publishing and viewing course content in sections.
- Assignments For posting, submitting, and grading student work.
- Discussion Board For asynchronous discussions, group work, and collaboration.
- Private Messages For private communication between students and/or the instructor.
- Chat For real-time, synchronous conversation in written form.
- Tests & Quizzes For authoring and administering exams, quizzes, surveys, etc.
- Gradebook For posting and managing student grades. Following benefits of online teaching were highlighted
- Convenience: 24/7 access from any online computer; accommodates busy schedules; no commuting, no searching for parking.
- Enhanced Learning: Research shows increased depth of understanding and retention of course content; more meaningful discussions; emphasis on writing skills, technology skills, and life skills like time management, independence, and self-discipline.
- Leveling of the Playing Field: Students can take more time to think and reflect before communicating; shy students tend to thrive online; anonymity of the online environment.
- Interaction: Increased student-to-teacher and student-to-student interaction and discussion; a more student- centered learning environment; less passive listening and more active learning; a greater sense of connectedness, synergy.
- Innovative Teaching: Student-centered approaches; increased variety and creativity of learning activities; address different learning styles; changes and improvements can translate to on-ground courses as well

- Improved Administration: Time to examine student work more thoroughly; ability to document and record online interactions; ability to manage grading online.
- Savings: Accommodate more students; increased student satisfaction = higher retention and fewer repeats.
- Maximize Physical Resources: Lessen demand on limited campus infrastructure; decrease congestion on campus and parking lots.
- Outreach: Give students options; reach new student markets; appeal to current students thus increasing enrollments

**Mr. Kapil Joshi, Head QA, Dr Reddy's LAB** explained the student-centered approaches; increased variety and creativity of learning activities and various learning styles.

**Mr. Vinay Chaturvedi, VP, Operations, Glenmark Pharma** delivered the enlightening talks on creating and using online platform for academic interaction, teaching content and student evaluation. He also introduced online learning and education system that takes place over the Internet which is often referred to as "e learning" and Course Management System (CMS) software.



*A glimpse of participants in Faculty Development Programme*