

2019-20

3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development during 2019-20



Emerging trends seminar by Department of Public Administration
From 20-05-2019 to 21-05-2019

कैम्ब्रिज • साइबर सेफ्टी और कंज्यूमर अवेयरनेस पर कार्यशाला आयोजित, विद्यार्थियों को दी जानकारी

देश में तीव्र गति से होने वाले डिजिटलाइजेशन के कारण हुई साइबर अपराधों में बढ़ोतरी : प्रो. सुदेश

नवम्बर 6, 2019

कुरुक्षेत्र विश्वविद्यालय के प्रमुख अकादमिक और प्रशासनिक अधिकारी प्रो. सुदेश ने साइबर अपराधों के बढ़ते हुए स्तर पर चिन्ता व्यक्त की। उन्होंने कहा कि डिजिटलाइजेशन के कारण साइबर अपराधों में तेजी से बढ़ोतरी हो रही है। उन्होंने कहा कि साइबर अपराधों में बढ़ोतरी के कारण लोगों की निजी और व्यापारिक जानकारी सुरक्षित रखने में चुनौती पड़ रही है।

प्रो. सुदेश ने कहा कि साइबर अपराधों में बढ़ोतरी के कारण लोगों की निजी और व्यापारिक जानकारी सुरक्षित रखने में चुनौती पड़ रही है। उन्होंने कहा कि साइबर अपराधों में बढ़ोतरी के कारण लोगों की निजी और व्यापारिक जानकारी सुरक्षित रखने में चुनौती पड़ रही है।



कुरुक्षेत्र विश्वविद्यालय के प्रमुख अकादमिक और प्रशासनिक अधिकारी प्रो. सुदेश ने साइबर अपराधों के बढ़ते हुए स्तर पर चिन्ता व्यक्त की। उन्होंने कहा कि डिजिटलाइजेशन के कारण साइबर अपराधों में तेजी से बढ़ोतरी हो रही है। उन्होंने कहा कि साइबर अपराधों में बढ़ोतरी के कारण लोगों की निजी और व्यापारिक जानकारी सुरक्षित रखने में चुनौती पड़ रही है।

Women's Studies Research Centre
 Kurukshetra University, Kurukshetra
 in collaboration with
 Cyber Peace Foundation, New Delhi
 Workshop on
 Cyber Safety and Consumer Awareness
 Sept. 6 2019

SCHEDULE

Time	Programme
9.30 am – 10.00 am	Registration
Inaugural Session 10.00 am – 12.30 pm	Welcome Prof. Sudesh Director, WSRC, KUK
	Speakers Ms. Aakansha Kapoor, Trainer Ms. Kamakshi Sharma, Trainer Cyber Peace Foundation, New Delhi
12.30 pm	Tea

Cyber Safety and Consumer Awareness Workshop
Sep. 6, 2019

महिला अध्ययन शोध केन्द्र, कुरुक्षेत्र विश्वविद्यालय ने दिनांक 6 सितंबर, 2019 को साइबर पीस फाउंडेशन, दिल्ली तथा ओ.एल.एक्स. के सहयोग से विश्वविद्यालय के छात्र-छात्राओं एवं प्रध्यापकों हेतु साइबर सेफ्टी तथा कंप्यूटर अवेयरनेस पर एक दिवसीय कार्यवाला का आयोजन किया। इस कार्यवाला का मुख्य उद्देश्य इंटरनेट का उपयोग करने वाले युवाओं को इंटरनेट अपराधों के प्रति जागरूक करना था। इस कार्यवाला में विश्वविद्यालय के विभिन्न वैश्विक विभागों के लगभग 250 प्रतिभागियों ने भाग लिया।

कार्यवाला का प्रारम्भ करते हुए महिला अध्ययन शोध केन्द्र की निदेशिका प्रो० सुदेप ने कहा कि देश में तीव्र गति से होने वाले डिजिटलाइजेशन के कारण साइबर अपराधों की संख्या में वृद्धि हुई है। सोशल मीडिया के विभिन्न प्लेटफार्मों पर प्रतिवर्ष जहाँ लाखों नवयुवक विप्रेषण महिलाएँ साइबर बुलिंग का शिकार हो रही हैं वहीं साइबर धोखाधड़ी के कारण लोग करोड़ों रुपये के नुकसान का भी शिकार हो रहे हैं। इन अपराधों का शिकार हम इसलिए हो रहे हैं क्योंकि हमें इंटरनेट के सुरक्षित उपयोग की जानकारी नहीं है तथा आसानी से अपराधियों के झोंसे में आ जाते हैं। अतः इस कार्यवाला के माध्यम से छात्र तथा छात्राएँ स्मार्ट फोन के सुरक्षित उपयोग के संबंध में जानकारी लेकर भविष्य में होने वाले अपराधों से स्वयं को व अपने आस-पास के लोगों को बचा पायेंगे। उन्होंने कहा कि यह जानकारी होना आज के समय में हम सबके लिए अत्यंत महत्वपूर्ण है।

साइबर पीस फाउंडेशन से आये हुए प्रशिक्षकों सुश्री आकांक्षा कपूर तथा कामाक्षी शर्मा ने तकनीकी सत्रों के दौरान जिन विषयों पर प्रतिभागियों को जानकारी दी, वे हैं - सुरक्षित डिजिटल स्पेस का निर्माण, फाउनेशियल साइबर सिव्योरिटी, स्मार्ट सर्फिंग एवं स्मार्टफोन, रिपोर्टिंग डिसिडेंट्स एवं क्राइम तथा साइबर पीस कोर्स आदि।

उन्होंने कहा कि सुरक्षित डिजिटल स्पेस की पर्याप्त जानकारी से साइबर खतरों को पहचानने तथा उनसे बचने की क्षमता का विकास होता है तथा आनलाइन प्राइवैसी की समझ निर्मित होती है जोकि इंटरनेट के उपयोग हेतु सर्वाधिक महत्वपूर्ण है। फाउनेशियल साइबर सिव्योरिटी की जानकारी द्वारा यूजर बैंकों के माध्यम से होने वाले घोटालों अर्थात् बैंक अकाउंट से पैसे का ब्रूटा लेन देन होने से बच सकते हैं तथा अपने पैसे को बैंक में हैकर्स से सुरक्षित रख सकते हैं। उन्होंने स्मार्ट सर्फिंग के बारे में बात करते हुए कहा कि इसकी पर्याप्त जानकारी हमें अनेक तरह के ऑनलाइन खतरों से तो बचाती ही है साथ ही नेट पर हमारे अधिकारों, प्रतिष्ठा तथा सम्मान को भी सुरक्षित रखती है। उन्होंने इंटरनेट के माध्यम से होने वाली धोखाधड़ी, बुलिंग तथा अन्य अपराधों की जानकारी देने के साथ इन अपराधों को दर्ज करने के तरीकों से भी प्रतिभागियों को अवगत कराया। सुश्री आकांक्षा कपूर तथा कामाक्षी शर्मा ने सम्पूर्ण तकनीकी सत्र में इंटरनेट के लाइव उपयोग द्वारा प्रैक्टिकल उदाहरणों की सहायता से समझाया जो कि काफी रोचक रहा। विद्यार्थियों ने अनेक प्रश्नों के माध्यम से उत्साहपूर्वक कार्यवाला में भाग लिया तथा साइबर क्राइम से बचने की वारीकियों को समझा। कार्यवाला के अंत में साइबर पीस फाउंडेशन की टीम का धन्यवाद किया। इस अवसर पर लगभग 250 छात्र-छात्राएँ मौजूद थीं।



Workshop on Cyber Safety and Consumer Awareness on Sept. 6 2019

TALKS & WEBINARS/SERIES ORGANISED BY DEPARTMENT OF BIOCHEMISTRY, KUK

S. No.	Title	Esteemed Speakers	Details of the event	About the event
1.	Invited Talk by Dr. Neera Tewari Singh	Dr. Neera Tewari Singh An Affiliated Faculty of Institute of Integrative Toxicology, Michigan State university USA	7 February 2020	Dr. Neera Tewari talked about the objectives, scopes, applications, significance & approaches in the field of toxicology. She informed the audience regarding her ongoing research projects and grants. She also explained regarding various career aspects and opportunities in field of toxicology and about the higher studies in Michigan State University, USA.
2.	International Webinar on "Biological Advancements in Vaccines"	Corey John Bishop, Ph.D. Senior Scientist, Clinical Pharmacology & Pharmacometrics Department, The Janssen Pharmaceutical Companies of Johnson & Johnson Philadelphia, USA Dr. Narendra Chirmule Co-Founder & CEO, SymphonyTech Biologics, Philadelphia, USA Dr. Sunil K Arora Ph.D., Professor & Head, Department of Translational & Regenerative Medicine, PGIMER, Chandigarh	22 June, 2021	Dr. Narendra Chirmule gave a detailed presentation on vaccine development process. He highlighted about the core values, vision, and mission and how particular virus, poses unique challenges to vaccine development. Dr. Sunil K. Arora , presented on the topic 'Advancements in Vaccine Strategies'. He spoke about the different vaccine types, which are made using several different processes. Dr. Corey J. Bishop , in his presentation explained about the recombinant DNA technology process involved in vaccine production.
3.	International Webinar on "Entrepreneurship in the Virtual World"	Nathalie Brodard A Swiss entrepreneur, Founder and CEO of Brodard Executive Search & BRODIANCE	22 December, 2021	Nathalie Brodard shared her journey of becoming a successful entrepreneur. As an owner of two companies and a non-profit organisation, Nathalie Brodard underscored the importance of balance between mental health and entrepreneurship. She also touched on the importance of mentoring, role models, networking and self-marketing.
4.	Online Lecture Series under Azadi Ka Amrit Mahotsav Lecture 1: "Integration of Ayurveda theories for health research" Lecture 2: "Historical, Current And Future	Dr. Parveen Bansal Joint Director University Centre of Excellence in Research, Baba Farid University of Health Sciences, Faridkot Dr. Praveen P Balgir Retired Professor & Former Head, Department	17-21 February, 2022	This initiative was to commemorate Sir CV Raman's contribution to Science and cherishing the role of Science in society. On the first day of the series, Dr. Parveen explained the integration of ancient and modern medicine that blends in today's medical research and demonstrated the idea by connecting recent noble prizes in physiology and medicine with oldest traditions and theories of Ayurveda. On the second day of the series, Dr. Praveen gave an insight on technological

Chairperson
Department of Biochemistry
Kurukshetra University,
Haryana
PH: 0174-271119

INVITATION

It gives us an immense pleasure to invite you for an invited talk organized by DEPARTMENT OF BIOCHEMISTRY.

Speaker – Dr. Neera Tewari Singh , An Affiliated Faculty of Institute of Integrative Toxicology , Michigan State university USA.

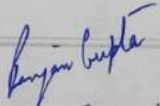
Prof. Manjula Chaudhary, Dean Academic Affairs will preside over the talk.

Date – 7th Feb 2020

Time – 11:15 am

Venue- Senate Hall

Sponsored by: KUTIC, K.U.Kurukshetra


Chairperson
Department of Biochemistry
Kurukshetra University,
KURUKSHETRA-136119.



Invited lecture on "Toxic Chemical Exposures - Mechanism and innovative approaches for treatment strategies" organised by department of Biochemistry on 07-02-2020

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**Department of Biochemistry
Kurukshetra University, Kurukshetra**

Report on the Invited Talk entitled "Toxic Chemical Exposures" held at Senate Hall, Kurukshetra University, Kurukshetra.

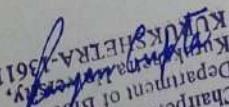
An illuminating talk was delivered by Dr. Neera Tewari Singh (an affiliated faculty of Institute of Integrative Toxicology, Michigan State University, USA) on the topic "Toxic Chemical Exposures- Mechanism and innovative approaches for treatment strategies) on 7th February, 2020 in the University premises, organized by the Department of Biochemistry, KUK and sponsored by KUTIC (Kurukshetra University Technology Incubation Centre).

The Research scholars and MSc students of all the departments of Life Sciences were a part of this elucidative programme. The event started with warm welcoming of all the guests and the faculty members by Prof. Rajneesh Kumar Sharma (Dean Life Sciences, Chairperson Department of Biochemistry). It was followed by the lamp lightening session performed by all the distinguished guests.

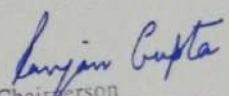
After that, Dr. Neera Tewari Singh was invited over to the dais. An informative session was delivered by her in which she talked about the objectives, scopes, applications, significance & approaches in the field of toxicology. She informed the audience regarding her ongoing research projects and grants. Thereafter an interactive session was held in which the audience clarified their doubts regarding the various career aspects and opportunities in field of toxicology and about the higher studies in Michigan State University, USA.

A small, edifying presentation was also delivered by Prof Anurekha Sharma (Department of Electronics and KUTIC coordinator), regarding the activities that have been initiated by KUTIC under the government project RUSA.

The Chief Guest of the function was Prof. Manjula Chaudhary (Dean Academic Affairs and RUSA Nodal Officer). She also addressed the audience with her wise and encouraging words and motivated the students for being inquisitive & propelled towards research.


Chairperson
Department of Biochemistry
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The other faculty members that were a part of this event included Prof. Ranjan Gupta, Prof. V.K. Gupta (retd.), Prof. Anita Bhatnagar, Prof. Anita Yadav, Dr. Srinadh, Dr. Vinita Bhankar, Dr. Ritu and Dr. Preeti.


Chairperson
Department of Biochemistry
Kurukshetra University,
KURUKSHETRA-136119.

3.3.2 Number of Workshops/ Seminars conducted on Research Methodology, IPR, Entrepreneurship, skill development and quality issues during the last five years (2017-18, 2018-19, 2019-20, 2020-21, 2021-22)

Year	Name of Workshop/Seminar	Specify Area	Level: University/State/National/Int.	Number of Participants	Date from-to	Attachments and Remarks
2019-20						
2019	Invited Talk on Innovation: the locomotive Engine for Growth of Young India By Dr. Anil Jain (President, Vaiseshika Electron Devices, Ambala Cantt.)	Innovation	University	70	Sept. 3 rd 2019	Item 1
2019	Invited Talk-Creative Thinking and Innovative Practices By Mr. Vivek Atray (IAS ret'd) Mentor, Advisor, Columnist and Visiting Professor	Creative Thinking and Innovative Practices	University	74	Sept. 4 th 2019	Item 2
2019	Invited Talk-Ecosystem Innovation: Where the Small is Big by Mr. Ranjan Malik (Co-founder & Managing Partner at PRIMALISE, Bengaluru)	Innovation	University	60	Sept. 12 th 2019	Item 2
2019	Invited Talk-Innovation in education with aid of	Innovation in education	University	92	Sept. 27 th 2019	Item 3

Co-ordinator,
KUNUS
Kurukshetra University
Kurukshetra

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	science and technology By Er. Anil Pradhan (Founder IPSFRI, Odisha)					
2019	WORKSHOP: START UP, SPIN UP AND ACCELERATE	Entrepreneurship and IPR	University	49	October 17th & 18th 2019	Item 4
2020	Invited Talk-Toxic Chemical Exposure By Dr. Neera Tewari Singh (An affiliated faculty of institute of integrative toxicology, Michigan State University, USA)	Bio- Sciences	University	40	Feb., 7 th , 2020	Item 5
2020	Seminar on Woman Innovators in STEM	Innovation	University	60	February 11 th 2020	Item 6
2020	Invited talk on Innovation on Plants Sciences by Prof. S.S Gosal and Dr. Archana Chugh	Innovation on Plants Sciences	University	300	February 19 th 2020	Item 7
2020	Invited Talk-Innovations in Lifesciences By Dr. Varsha Singh (Founder & Director Medzak Healthcare Pvt. Ltd, Chandigarh) In collaboration with Department of Biochemistry, IIT	Innovations in Life Science	University	60	February 20 th , 2020	Item 8

Co-ordinator,
KUT,
Kurukshetra University
Kurukshetra

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2020	Let's Talk with Youngpreneurs Series By Speakers: Dr. Vinay Kumar (CEO & Cofounder: PathShodh Healthcare, Bengaluru) Ms. Nidhi Agrawal (Principal Scientist: PLUSS Advanced Technologies Pvt. Ltd. Gurgaon) Mr. Prashant Gaur (Founder: Enzibeta Biotech, Hyderabad) Dr. Sandip Patil (Founder: E-Spin Nanotech, Kanpur) Mr. Ankit Jhanwar (Vice-President: PLUSS Advanced Technologies Pvt. Ltd, Gurgaon.)	Startups	University	192 on 24 th Feb 2020 190 on 25 th Feb 2020 119 on 26 th Feb 2020	24th - 26th Feb., 2020	Item 9 9.1, 9.2 & 9.3
2020	Webinar on AI Powered Engineering by Mr. Sanjay Ahuja, VP, Accenture Technologies Ltd. Bengaluru	Artificial Intelligence	University	74	18 th April 2020	Item 10
2020	Webinar on "Research and Innovation opportunities for	Research and Innovation	University	91	22nd April, 2020	Item 11

Co-ordinator,
 KUTIA
 Kurukshetra University
 Kurukshetra

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	<p>seeking a solution to COVID-19 pandemic" By Speaker: Dr. Ashwin Kotnis, Associate Professor Department of Biochemistry All India Institute of Medical Sciences (AIIMS) Bhopal, Madhya Pradesh</p>					
2020	<p>Webinar on "Embedded Systems and IoT" Speaker: Ms. Rajani Bhandari, Senior Manager at Accenture Technologies Ltd, Bengaluru</p>	Embedded Systems and IoT	University	100	2nd May, 2020	Item 12
2020	<p>Webinar on ARMABLE, A GAME based ARM REHABILITATION DEVICE; by Mr. Habib Ali, CEO; Founder, Beable Health, Center for Healthcare Entrepreneurship (CFHE) – IIT Hyderabad</p>	Innovation in Healthcare	University	87	9 th May 2020	Item 13
2020	<p>Webinar on "A Multidisciplinary</p>	Multidisciplinary Approach	University	150	16th May, 2020	Item 14

Co-ordinator,
XUTK
Kannada University
Anantapur

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	Systems Approach To 21st Century Education 4.0 Based Experiential Learning, for Enabling Employment, Research, Innovation & Entrepreneurship By Prof. B.S.Satyanarayana, Founder & CEO, Satya Bharathi Consultants, Bengaluru					
2020	Webinar on "Student IDEA to Startup journey" by Mr. Uday Wankawala, Chief Executive Officer at Atal Incubation Centre- Rambhau Mhalgi Prabodhini, Mumbai	Startups	University	175	22nd May, 2020	Item 15
2020	Webinar on "Leveraging Modern Tools of Communication to optimize your Entrepreneurial Initiatives" by Dr. Anil Jain, President, Vaiseshika	Entrepreneurship	University	180	30th May, 2020	Item 16

Co-ordinator,
#LIT
Vaiseshika University
Vaiseshika

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INVITED TALK



- Kurukshetra University Technology Incubation Center (KUTIC) opened its activities in Kurukshetra University's Senate Hall in the presence of Prof. Kailash Chandra Sharma, Vice-Chancellor, KUK, Prof. Manjula Chaudhary, Nodal Officer RUSA & Dean, Academic Affairs and the speaker of the day Dr. Anil Jain, President, Vaiseshika Electron Devices, Ambala Cantt. along with the members of Project Action Group(PAG) Prof. Anurekha Sharma, Prof Anita Yadav, Prof. Anil Mittal, Dr. Hardeep Anand and Ms Rita Devi.
- Prof. Anurekha Sharma, Coordinator KUTIC, gave an account of the activities to be carried out at the Technology Incubation Center, which are: development of nursery incubators by organizing student invention competition, organization of expert talks and workshops and incubating startups.
- The center's activities were kicked off by unveiling the poster followed by the vice-chancellor's inaugural address. In his speech, the Vice-Chancellor called on the students to think out of the box and simply not rely on bookish information. He urged them to innovate to meet local needs, and thus contribute to making in India. He stressed the Chandrayaan-2 project is the latest example of Make in India and Innovation. Whole world is in awe of India's achievement, which is using fully home-grown technology. India is proving on every front, so why would the Kurukshetra University lag behind others. He said that having a speaker who is not only an innovator, but also Kurukshetra University alumnus, who has contributed to Mars Orbiter Project and Chandrayaan-2 is indeed a moment of great honor.
- Dr. Anil Jain, in his talk entitled "Innovation: Locomotive Engine for Young India Development," said that the shrinking job market and the weakening of the economy made the situation very difficult for newly qualified engineers and scientists. The precipitating factors for low work prospects consist primarily of abysmally low ability set of trained youth and un-connectivity with the entire industrial world. He said he is here to answer students' concerns and show them the road map to turn their persona from an ordinary young Indian citizen to an ambitious Indian nation-builder.

Sep. 3rd
2019

INVITED TALKS

The invited talk for the faculty of life sciences and pharmaceutical science organized by KUTIC was held in senate hall of Kurukshetra University in presence of Prof. Rajnesh Sharma, Dean of life sciences & Dean of pharmaceutical sciences, and the speaker of the day Mr. Vivek Atray (IAS Retd. & Motivational Speaker) along with the members of Project Action Group Prof. Anurekha Sharma, Prof. Anita Yadav and Dr. Hardeep Anand.

Mr. Vivek Atray, engaged the students on Creative Thinking and Innovative Activities. He inspired students to be different from the crowd in his lecture, and told them that real fear in life is like everyone else. He shared how he allowed the students to sit idle and think about themselves and their surroundings. He added that Calmness of mind is the key to success and it is human tendency that ideas generate in a relaxed and calm mind always. Mr. Vivek Atray compared life with a chess game and told the students that everyone will be packed in the same box after the game is over, now is the time to play the game before it gets over, people lose creative mentality as they grow up so it's best to keep the creative mind alive forever.



Mr. Ranjan Malik, an innovation specialist, speaker and writer/Co-founder and managing partner at PRIMALISE, was speaker of the event. He interacted and apprised the gathering about the continuous and rapid development of start-ups in the new world. He emphasizes on the fact that innovative ideas do not require a comfort zone or accessibility of resources, all it requires is the zeal of doing something and enthusiasm of creation. He gave example of a concentration camp in Germany where having a book with you was a considered as crime but in the same environment people were writing books. He also claimed the *conventional schooling pattern that conditions a child to think only of the routine* and nothing else with the visual presentation he explained various parameters and processes in start-up business which included: *Challenging mental models, Business model Innovation, Ecosystem innovation, replacement of Stagnant Market etc.*

Sep. 12th
2019



16

KURUKSHETRA UNIVERSITY TECHNOLOGY INCUBATION CENTRE

Mary

Co-ordinator,
KUTIC
Kurukshetra University
Kurukshetra

INVITED TALK



Kurukshetra University Technology Incubation Centre (KUTIC)

presenting
SESSION TITLE ON
INNOVATION IN EDUCATION WITH AID OF SCIENCE &
TECHNOLOGY

by
Er. Anil Pradhan

Founder IPSFRI (School for Rural Innovation), Navamath Pratar
Foundation

Sep. 27th
2019

On September 27th 2019, Kurukshetra University Technology Incubation Center organized an invited talk on the topic Improving Rural Education by Science And Technology. This event was held in Senate Hall, KUK and was presided by. Prof. Anil Vohra, in presence of Speaker of the day Er. Anil Pradhan along with the members of programme action group: Prof. Anurekha Sharma, Prof. Anita Yadav, Prof. Anil Mittal, Dr. Hardeep Anand and Ms. Reeta Devi. Followed by, Prof. Anurekha Sharma, Coordinator KUTIC, welcomed the speaker as the youth icon of India. She urged students to think out of the box and stressed that Creativity follows on from Initiation and Motivation. Age has little to do with creativity, she added that, Er. Anil Pradhan is perfect example. Prof. Anita Yadav informed students about different competitions under BIRAC (Biotechnology Industry Research Assistance Council). Ms. Veena, research scholar, Biotechnology Department, introduced the speaker.

Er. Anil Pradhan, the youth innovation icon, lead designer of Asia's first student satellite mission, founder of IPSFRI School Orissa, He communicated with the community and talked about the value of creativity and the sacrifices he made to achieve the success. He emphasized the fact that whether it is time or perseverance, Expenditure Always Pay back. He explained to the students how he started to think differently from a village in Orissa and the hardships he went through, saying that everyone could do it. Er. Anil Pradhan showed the students videos and images of his school where learning is not imposed as classes but is served as experiment and enjoyment. The school runs on the principle of E + E = E i.e. *Environment + Experiment = Experience*

All the students of his school are village children of economically weak background and are part of *tab based learning from the age of 9 -10* years. His school comprises of the labs called as *Tod Phod Jod, Kabbad se Juggad, Design Innovation Lab, Hydro lab* etc. Now the school has got aids from South Korea, China and Indian Government. IIT Delhi Rural Innovation Program has also joined up the project work with the school. He emphasized on the fact that Failure is the second name of success *You can never achieve success unless you fail in your attempts.*

17

KURUKSHETRA UNIVERSITY TECHNOLOGY INCUBATION CENTRE

Mary

Co-ordinator,
KUTIC
Kurukshetra University
Kurukshetra

SHOP: START UP, SPIN UP AND ACCELERATE



On 17th and 18th of October, the Kurukshetra University Technology Incubation Centre organised its first workshop on Start up, Spin up and Accelerate. The event was held in Senate hall, Kurukshetra University, Kurukshetra in the presence of invited speakers Dr. Sangeeta Devni, Ms. Sarita Mishra and Mr. Narinder Jassal Prof. Anurekha Sharma, Coordinator KUTIC, Prof. C. C. Tripathi, Director U.I.E.T, PAG Members of KUTIC and students. The purpose of the workshop was to encourage the students and budding entrepreneurs to develop new set skills and fostering entrepreneurship.

Ms. Sarita Mishra, started her talk by introducing the audience about some famous scientist entrepreneurs of all the time. She then discussed various elements bridging the gap between science and business. Followed by she gave a detailed overview of types of business entities for registering a business such as private limited company, Limited Liability Partnership (LLP), sole proprietorship, etc. She also addressed the students that choosing the right form of company or sector for any business helps in improving the chance of financial and operational success. Further, she discussed how one can take startup leap by considering few important elements such as scientific and business training, mentors support at every stage of startup journey, and personality traits. Followed by next speaker of the day, Mr. Narinder Jassal, enlightened about PRISM's Technopreneur Promotion Programme which allows individuals to avail the govt. Grants up to rupees 20 lakh for their start-ups. He also defined innovation as the sum of creativity and commercialisation.

Dr. Sangeeta Devni, in her talk, stated that a Guru or a Mentor is the light who guides us through the dark to great heights and explained the Kundli for the business. She then discussed about the technology, business models and platforms and the revenue models. Dr. Sangeetha, has shared her experience in drafting a business plan for their business. The event wrapped up by felicitation of the guests and vote of thanks with a short inspiring quote by Jim Rohn. -Whatever good things we build, end up building us.

Second day of the workshop was started by an invited talk on Intellectual Property Rights(IPR) by Ms. Sarita Mishra. In her talk, she introduced the audience how Intellectual Property Rights is most valuable asset of technology startup. She then discussed the advantages of IPR such as, increases valuation of a startup, generate revenue streams through licensing and cross licensing, earn royalties by licensing and can be sold to generate revenue. Further, she discussed type of intellectual properties available and gave a detailed overview on each and every type. Finally, she shared few examples of IPR such as types of IPR, confidential agreements and how a balance sheet important for a startup.



Oct. 17th & 18th

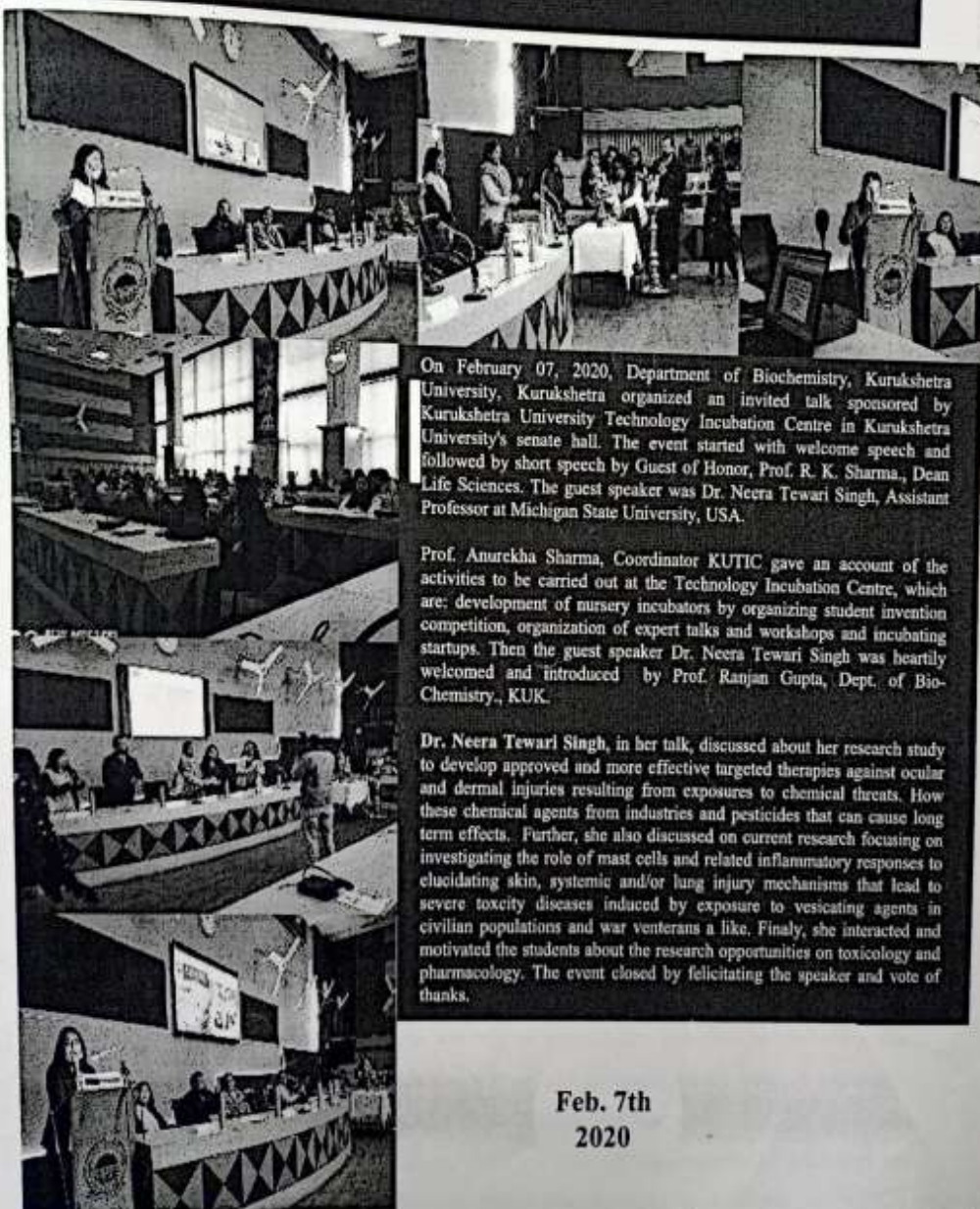
2019



May

KUTIC,
Kurukshetra University
Kurukshetra

INVITED TALK



On February 07, 2020, Department of Biochemistry, Kurukshetra University, Kurukshetra organized an invited talk sponsored by Kurukshetra University Technology Incubation Centre in Kurukshetra University's senate hall. The event started with welcome speech and followed by short speech by Guest of Honor, Prof. R. K. Sharma, Dean Life Sciences. The guest speaker was Dr. Neera Tewari Singh, Assistant Professor at Michigan State University, USA.

Prof. Anurekha Sharma, Coordinator KUTIC gave an account of the activities to be carried out at the Technology Incubation Centre, which are: development of nursery incubators by organizing student invention competition, organization of expert talks and workshops and incubating startups. Then the guest speaker Dr. Neera Tewari Singh was heartily welcomed and introduced by Prof. Ranjan Gupta, Dept. of Biochemistry, KUK.

Dr. Neera Tewari Singh, in her talk, discussed about her research study to develop approved and more effective targeted therapies against ocular and dermal injuries resulting from exposures to chemical threats, How these chemical agents from industries and pesticides that can cause long term effects. Further, she also discussed on current research focusing on investigating the role of mast cells and related inflammatory responses to elucidating skin, systemic and/or lung injury mechanisms that lead to severe toxicity diseases induced by exposure to vesicating agents in civilian populations and war veterans a like. Finally, she interacted and motivated the students about the research opportunities on toxicology and pharmacology. The event closed by felicitating the speaker and vote of thanks.

Feb. 7th
2020

Kurukshetra University
KUTIC
Moj

INVITED TALK

On February 19th, 2020, Department of Botany organized a seminar on "Innovations in Plant Sciences" in collaboration with Kurukshetra University Technology Incubation Center (KUTIC). The event was held in the Faculty lounge of KUK in the presence of Chief Guest- Prof. Manjula Chaudhary, Dean Academic Affairs; Prof. Neelu Sood, Chairperson-Department of Botany; Dr. S. S Gosal & Dr. Archana Chugh, Speakers of the day; Prof. Anurekha Sharma - Coordinator KUTIC, other faculty members and students.



Prof. S. S Gosal, a director of research at Punjab Agricultural University (PAU), has been the recipient of various academic honors, including the Award of Royal Society, London (Bursary). His lecture was very interesting. During his talk, he had an enthusiastic conversation with students and shared his research experiences. In his talk, he emphasized particularly in plant tissue culture and recent advances related to it. He also shared his innovative idea with the students about assembling of plant traits in different ways to solve various problems related to medical challenges. Besides that, he gave a detailed overview of plant breeding methods and traditional biotechnology approaches and correlated with entrepreneurship. In his talk, he also discussed about current innovations in plants sciences and impact not only in agriculture but also in the economy of the country. Finally, he concluded with his remarks that there are tremendous opportunities in plant sciences and students can think about their career in it.

Feb. 19th
2020

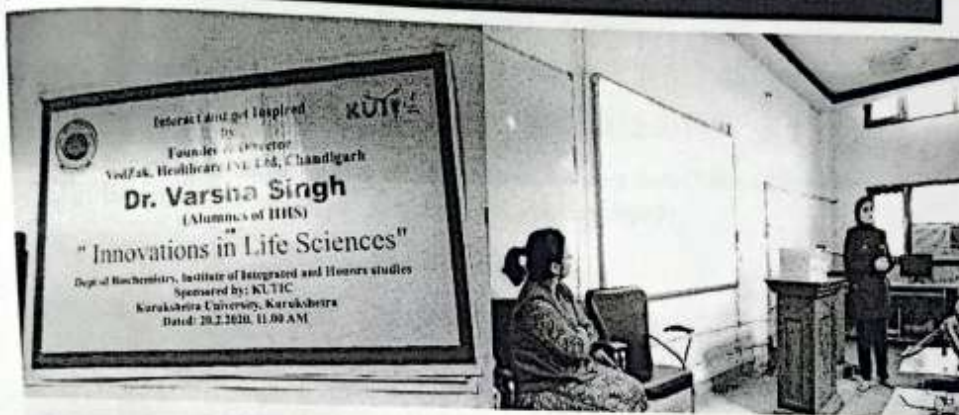
Dr. Archana Chug is an associate professor in Anupama school of Biological Science, Indian Institute of Tech, New Delhi. She has an expertise in the area of Intellectual Property Right (IPR).

Her session was so insightful that it cleared everyone's concerns on patent processing and procedures belonging to new innovations. She gave an overview stating that IP Rights typically grant the creator an exclusive right for a certain period of time to use his/her creation. She advised the students that patents are needed to foster innovation, they are not only to incentivize innovation but also help to achieve best tradeoff.

In her talk, she discussed in detail about patent rights and also elaborated about how one can promote innovation by creating market of ideas. Later, she highlighted on different types of IPRs such as Trade Marks, Trade Secrets, Copyrights & Patents. Finally, she emphasized the significance of research and innovations to the students and described how one can generate their ideas into economical values. Nearly 300 participants had attended the event, including students, research scholars and faculty members from various Departments of Life Sciences and Sciences.



INVITED TALK



On February 20, 2020, Department of Bio-Chemistry of Institute of Integrated & Honors Studies (IHS) organized a seminar on the topic entitled, "Innovations in Life Sciences" in collaboration with KUTIC in the smart conference room of the IHS, KUK. **Dr. Varsha Singh**, an Assistant Professor of Chitkara University (Chandigarh) and Founder & Director of Medzak healthcare Pvt. Ltd, New Delhi was the speaker of the day. In her talk, she gave an overview of her innovative product, *i.e.* Meibox, a low-cost, portable point-of-care integrated diagnostic imaging system for ocular health. She talked about how 300 million people worldwide suffering from visual defects with lack of proper and low cost diagnosed equipment's/tools. Considering this serious issue, she along with her team developed multiuse (4 in 1) point of care device diagnosing 9 different ocular diseases. She explained that the existing ocular testing equipments are very expensive, sophisticated and non-transportable and not available in rural/semi-urban areas while her Meibox is a multi-use, non-invasive, cost-effective and easy to transport in any part of the world. In addition to her startup work, she also discussed about her academic research as well, *i.e.* personalized prediction of multiple organ dys-regulation and health risk events under non-communicable diseases. Besides that during question hours she shared all the challenges related to the process of developing of Meibox *i.e.* from getting of such innovative idea to generation of funds with students. She motivated the students about innovation and its necessity in the growth of the country. The event was closed by felicitating the speaker and by a vote of thanks.

Feb. 20th
2020



May

Kurukshetra

LET'S TALK WITH YOUNGPRENEURS



**KURUKSHETRA UNIVERSITY TECHNOLOGY
INCUBATION CENTRE(KUTIC)**



In Collaboration with IIT Kurukshetra

Organises

LET'S TALK WITH YOUNGPRENEURS

Invited Talk Series Feb-2020

Venue: UIET Auditorium Time: 2:00 pm to 5:00 pm



Dr. Vinay Kumar - 24th Feb. 2020

Pashuband Healthcare - Co-founder & Director
Anjali Mashelkar Inclusive Innovation Award 2018
MIT under 35 Innovators for the year 2017
CII Innovation Award 2017

Nidhi Agarwal - 24th Feb. 2020

Plus Advanced Technologies Pvt. Ltd. - Principal Scientist
MIT under 35 innovators for the year 2016
DST-Lockheed Martin Innovative Growth Program award-2015



Prashant Gaur - 25th Feb. 2020

En2-beta Biotech - Founder & Director
Hello Tomorrow Challenge: Top 500 deep tech start-up-2019
IKMC TOP 5 in industrial biotech - 2019
BIG-BIRAC grant award -2016



Shivani Gupta - 25th Feb. 2020

Inochi Care - Co-founder
MedTech Innovator Asia Pacific Showcase Program 2019
pizer Entrepreneurship Award 2018
MIT under 35 innovators for the year 2016



Dr. Sandip Patil - 26th Feb. 2020

E-Spin Nanotech-Founder & Director
TIME India Start-up Innovator for the year (2017)
Awarded Top 5 Nano Technology Companies in India 2016 by SiliconIndia (2016)
Spirit of Manufacturing Awards: Most Promising International Business Leader Award (2015)



Ankit Jhanwar - 26th Feb. 2020

Plus Advanced Technologies Pvt. Ltd. - Vice President
MIT under 35 innovators for the year 2017
Weekend Technology Activist of the Year 2017
Top five innovators under the FICCI-DST Lockheed Martin India Innovation Growth Prog.



FOR REGISTRATION <https://forms.gle/dDiQmNvaTbAjygtD8>

Last date for registration: 20th Feb. 2020

CONTACT

Dr. Srinadh, Incubation Consultant

email: srinadh.makuk.ac.in

Phone: 8919566114



SCAN QR CODE



February-2020

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KURUKSHETRA UNIVERSITY TECHNOLOGY INCUBATION CENTRE

May

Kurukshetra University
KUTIC

LET'S TALK WITH YOUNGPRENEURS



On February 25th, 2020, Kurukshetra University Technology Incubation Center (KUTIC) in collaboration with U.I.E.T, KUK, organized an event 'Let's Talk With Youngpreneurs, Invited Talks'. The event was held in U.I.E.T Auditorium in the presence Prof. R. K. Sharma, Dean Life Sciences, invited Mr. Prashant Gaur, Prof. C.C. Tripathi, Director, U.I.E.T, PAG members of KUTIC, other faculty and students. The event started with welcome speech by Dr. Ashwani Mittal. Followed by Dr. Srinath Mattaparthi, Incubation Consultant gave an account of the activities to be carried out at the KUTIC, which are: development of nursery incubators by organizing student invention competition, organization of expert talks and workshops and incubating startups. Then speaker introduction by Prof. Anita Yadav

Mr. Prashant Gaur – Founder, Enzibeta Biotech, Hyderabad, a versatile bench Scientist and active project manager with 17 years of fermentation research, involved in selection of clones, optimisation of the fermentation process, characterisation and scale-up. In addition he is also involved in leading and overseeing research and development programs and pilot projects. The title of the talk for the day "Startup: A Roller Coaster Ride" In his talk, he shared his unforgettable experience during his Master's program in KUK campus. Further, he started his talk by interacting with the students about how to set the startup and shared his experience in setting of his company. He categorically said "Start ups are like Roller coaster rides and not a one night flight". The event was end by vote of thanks by Mr. Archit Sharma, Asst. professor, UIET.

Feb. 25th
2020



LET'S TALK WITH YOUNGPRENEURS



Feb. 26th
2020

On February 26th, 2020, Kurukshetra University Technology Incubation Center (KUTIC) in collaboration with U.I.E.T, KUK, organized an event Let's Talk With Youngpreneurs, Invited Talks. The event was held in U.I.E.T Auditorium in the presence of Prof. Shyam Kumar, Dean Engineering, invited speakers Dr. Sandip Patil and Mr. Ankit Jhanwar, Prof. C.C. Tripathi, Director, U.I.E.T, PAG members of KUTIC, other faculty and students. The event started with welcome speech by Prof. C.C. Tripathi. Followed by Dr. Srinadh Mattaparthi, Incubation Consultant gave an account of the activities to be carried out at the KUTIC, which are: development of nursery incubators by organizing student invention competition, organization of expert talks and workshops and incubating startups. Then speaker's introduction by Dr. Hardeep Anand and Dr. Ashwani Mittal.

Mr. Ankit Jhanwar, a graduate in Polymer Science and Engineering from IIT, Roorkee (2011). He also completed a certificate course from the prestigious London School of Economics and Political Science in Entrepreneurship, Management and Global Leadership, and additionally earned the CFA Institute level 2. At PLUSS, Ankit is head of Corporate Planning and is actively involved in forecasting sales and revenue purchasing deals, scheduling and reviewing MIS, and working closely on production planning and management of financial activities. He is expert in strategic planning and market forecasting and review. The title of the talk for the day "Why most Innovations fail". He started his talk by Q&A to interact with students. Then he shared his journey of mistakes and improvements failures and success. Later, he discussed about PCM (Phase change Material), that helps to stabilise the temperature in cold areas like Ladakh where night temperatures are usually below -20 degree Celcius. Further, he also discussed about the innovations and products of Pluss Advanced Technologies. Finally, he also shared marketing aptitude as it is important for product to be innovative as well as sustainable.

Dr. Sandip Patil, he is an IIT-Kanpur alumnus. An enthusiastic first-place researcher at IIT-K also an epitome of entrepreneurship. He holds a PhD in Chemical Engineering, and specializes in nanotechnology and adhesives. Dr. Sandip is also a co-inventor of an Indian patent on composite reusable adhesive and that of a US patent which is under process. Some of his innovative work on fabrication of composite reusable adhesives has featured in scientific news in CNN (U.S. edition), Mint and the Wall Street Journal.

The title of the talk for the day "Create a Brand and Transform Your Dream Into Reality". In his talk, he personally shared his journey, raising from small village to successful business person. Later, he talked about the various products of his company such as face masks, electro spinning machines etc. Further, he also shared the importance of technology based products, especially nanotechnology products in various applications. He ignited the students to work hard and continuously and be consistent. He also added that problems are actually opportunities to work, to create, to empower.

The event closed by felicitating the speaker and vote of thanks by Dr. Srinadh, Incubation Consultant, KUTIC.



Webinar on "Artificial Intelligence Powered Engineering"

Kurukshetra University Technology Incubation Centre (KUTIC) organized a webinar on "Artificial Intelligence Powered Engineering" on 18th April 2020, its first activity during lockdown to encourage the students helping in broaden their skills to attain new knowledge in addition to regular academic subjects. Prof. Manjula Chaudhary, Dean Academic Affairs, was the guest of the honor for the webinar and Mr. Sanjay Ahuja, Vice-President, Accenture Technologies Ltd. Bengaluru, was the speaker of the day, who was welcomed by Dr. Srinadh, Incubation Consultant, KUTIC. The invited talk was preceded by short speech by Prof. Manjula Cahudhary. She gave an account on various activities going under RUSA 2.0 project and appreciated the speaker for his contribution in giving the talk. Followed by, Prof. Anurekha Sharma, Coordinator KUTIC has introduced the speaker to the audience and appraised the audience about the objectives of the webinar. Mr. Sanjay Ahuja, started his talk by giving an insight of timeline of Artificial Intelligence (AI) from Turing (1950) to Eugene Goostman, Alexa (2014). He then talked about classifications of AI such as strong AI and week AI, followed by the evolution of outcomes and solutions provided by Artificial Intelligence (AI). Further, he discussed about the industrial evolution from mechanical to Cyber Physical World, which has evolved over a period of time, converging Information and Operational Technology. He gave a detailed overview of technologies encompassed by Artificial Intelligence such as, virtual agents, robotic process automation, natural language processing, image recognition and machine learning. Then he discussed about various components of Artificial Intelligence (AI), emerging AI technologies and solutions, how AI play an important role in modern world in various fields like banking, healthcare, transportation, communications etc. Further, he also discussed about how different levers were useful to create value from AI, that each AI value lever delivers specific and tangible benefits to the enterprise. Later, he talked about risks and challenges of AI, and shared an example how AI is used to diagnose the COVID 19. Finally, he gave an overview of opportunities in the field of Artificial intelligence. The webinar was attended by 75 participants of Science and technology stream, who participated with a lot of zeal during the interactive session with the speaker. Webinar ended with a vote of thanks.

Handwritten signatures and dates: "Ahuja" and "May"

Webinar on "Research and Innovation opportunities for seeking a solution to covid-19 pandemic"

Funding opportunities for innovation

COVID-19

Artemis Virus Corona

- 1. It is a RNA virus with envelope.
- 2. It is a single-stranded RNA virus.
- 3. It is a single-stranded RNA virus.
- 4. It is a single-stranded RNA virus.
- 5. It is a single-stranded RNA virus.

Kurukshetra University Technology Incubation Centre (KUTIC) organized a webinar on "Research and Innovation opportunities for seeking a solution to covid-19 pandemic" on 22nd April 2020 to make the students aware of the health risks posed by Covid-19 and the ways in which science and technology may be used to seek viable solution in a short time. The speaker of the day **Dr. Ashwin Kotnis**, Associate Professor, Department of Biochemistry, All India Institute of Medical Sciences (AIIMS) Bhopal, Madhya Pradesh who was welcomed by Dr. Srinadh, Incubation Consultant, KUTIC and introduced by Prof. Anurekha Sharma, Coordinator KUTIC the faculty and the students. Dr. Ashwin Kotnis gave an insight into outbreak of Coronavirus, factors affecting Covid19 and the challenges of tackling of corona virus. He gave a detailed overview of how SARS CoV2 virus can cause the Covid19 disease affecting various organs of the body. He emphasized the role of R&D in finding a viable solution to tackle pandemic by making low cost herbal/organic sanitizers, masks, ventilators, drug development, etc. He discussed few innovations from the students from different part of the country and world for detection and prevention of COVID-19. He encouraged the students to come up with innovative solutions to detect SARS-Cov2 by developing low cost technology based on AI and mobile applications and use the knowledge of life sciences for development of PPE, masks and drugs. He gave an overview of funding opportunities, which can give a kick-start to their ideas and translate them into viable innovative products. He also assured the students of all help at his end and urged KUTIC to consider the possibility of signing an MOU with AIIMS, Bhopal. The webinar, was attended by around 100 participants, who participated with a lot of zeal in the interactive session with the speaker. Webinar ended with a vote of thanks.

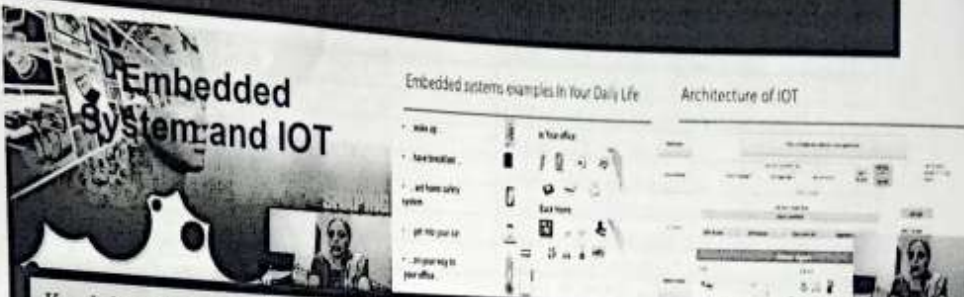
April 22nd
2020



KUTIC,
Kurukshetra
University

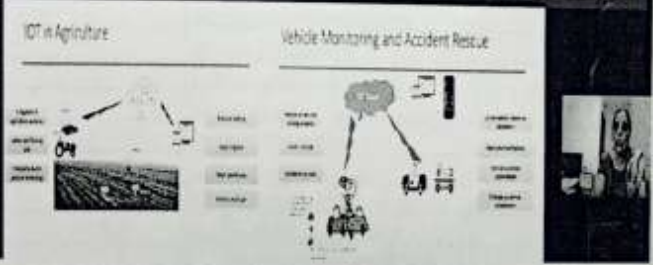
MOU

Webinar on "Embedded Systems and Internet of Things"



Kurukshetra University Technology Incubation Centre (KUTIC) organized a webinar on "Embedded Systems and Internet of Things" on 02nd May 2020. The speaker of the day Ms. Rajani Bhandari, Senior Manager, Accenture Technologies Ltd. Bengaluru, who was welcomed by Dr. Srinadh, Incubation Consultant, KUTIC and introduced by Dr. Reeta Devi, PAG Member, KUTIC. Ms. Rajani Bhandari, introduced the audience to Embedded systems, its specific functions, how embedded software is in every electronic devices used in our daily life such as mobile phones, digital camera, washing machine etc. She then discussed about embedded systems and its importance in IoT, their characteristics of real-time computing, low power consumption, high availability which are becoming key enablers of IoT. She also introduced the audience about need of Internet of Things (IoT), how IoT connects all the potential devices to interact with each other by using internet to provide comfort life to humans. How network physical objects such as devices, sensors, actuators that are connected on the internet, how each connected object is uniquely identified and has the ability to transfer data over a network without a human to human or human to computer interaction. Then she gave a detailed overview of IoT, characteristics of IoT, fundamental components of IoT such as sensors/devices, gateway, cloud and user interface and architecture of IoT. Followed by detailed discussion on applications of IoT in various fields such as logistics and supply chain, vehicle monitoring and accident rescue, healthcare, agriculture, and mines. Further, she discussed the challenges in IoT such as security, privacy, handling huge data volumes, real time actions and complex event processing. Later, she discussed about edge computing and data storage closer to the device to reduce latency issues and how IoT enables device monitoring and controlling efficiently in real-time. Finally, she interacted with students and discussed the opportunities in the field of IoT. The webinar was attended by 130 participants, who participated with a lot of zeal in the interactive session with the speaker. Webinar ended with a vote of thanks.

May 2nd
2020

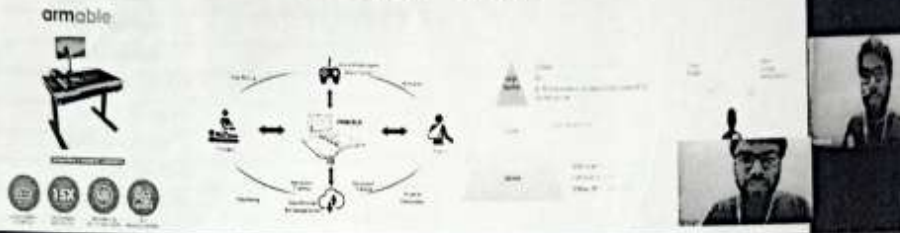


Co-ordinator,
KUTIC
Kurukshetra University
Kurukshetra

May

Webinar on "ARMABLE – A Game Based Arm Rehabilitation Device"

PATENTED ARM REHABILITATION DEVICE PROBLEM



Kurukshetra University Technology Incubation Centre (KUTIC) organized a webinar on "ARMABLE – A Game Based Arm Rehabilitation Device" on 07th May 2020. The speaker of the day Mr. Habib Ali, Founder & CEO, Beable Health, Hyderabad, who was welcomed by Dr. Reeta Devi, PAG Member, KUTIC and introduced by Prof. Anurekha Sharma, Coordinator KUTIC. Mr. Habib Ali, started his talk by interacting with the students about entrepreneurship, and risk management in entrepreneurship. Then he shared his personal experiences regarding his academics, work experience, passion for entrepreneurship and how he has started his Beable Health startup. Later, he introduced the audience a four step process, observe, problem, Needs statement and Outcomes, how one can be successful regardless of field whether it is a job or startup. Focusing on startups, he further emphasized on four step processes, how one should observe what's happening around them, identify the problem that people are facing, identifying the need of people and finding the solution which leads to successful startup. He also introduced the audience about his innovative arm rehabilitation device, which aimed at neuro-rehabilitation of stroke victims and rehabilitating upper motor impairment victims due to conditions such as cerebral palsy, multiple sclerosis, traumatic brain injury, fracture, frozen shoulder etc. He also stated that, the innovative device "ArmAble" addresses a growing need for the upper limb for intensive, stimulating and regular rehabilitation therapy. Further, in his insightful presentation, he projected the working of Armable rehabilitation device used by various paralyzed people. The webinar was attended by around 100 participants, who participated with a lot of zeal in the interactive session with the speaker. Webinar ended with a vote of thanks.

May 9th
2020



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KURUKSHETRA UNIVERSITY TECHNOLOGY INCUBATION CENTRE

KUTIC,
Kurukshetra University
Kurukshetra

Manoj

Webinar on "A Multidisciplinary Systems Approach To 21st Century Education 4.0 Based Experiential Learning, For Enabling Employment, Research, Innovation & Entrepreneurship"

A Multidisciplinary Systems Approach To 21st Century Education 4.0 Based Experiential Learning For Enabling Employment, Research, Innovation & Entrepreneurship

Prof. B. S. Satyanarayana Ph.D (Cambridge UK)

Founder & CEO, Satya Bharathi Consultants, Bengaluru

Executive Professor & Director, K. J. Somaiya Institute of Management Studies & Research, Mumbai

Executive Financial Advisor

Senior Director, ICAI, Mumbai

Global Innovation Index (GII) 2019

India Ranked 47th out of 100 countries

1. Singapore
2. Sweden
3. South Korea
4. Netherlands
5. Switzerland
6. Denmark
7. Germany
8. Finland
9. Australia
10. Canada

India ranked 77th in Global Sustainable Development Index (SDI)

National Level Annual Innovation Index (NII) 2019

India Ranked 10th out of 100 countries

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Kurukshetra University Technology Incubation Centre (KUTIC) organized a webinar on "A Multidisciplinary Systems Approach To 21st Century Education 4.0 Based Experiential Learning, For Enabling Employment, Research, Innovation & Entrepreneurship" on 16th May 2020. The speaker of the day Prof. B. S. Satyanarayana, Founder & CEO, Satya Bharathi Consultants, Bengaluru, who was welcomed by Dr. Hardeep Anand, PAG Member, KUTIC and introduced by Prof. Anurekha Sharma, Coordinator KUTIC. Prof. B. S. Satyanarayana, in his talk introduced his organization Satya Bharathi consultants' vision and approach. He also shared his organization's principle is to Teach, Reach and Enshrine. In his lecture, Prof. B. S. Satyanarayana, emphasized on education and learning for education 4.0, how universities must align their teaching with technical developments in order to prepare potential students for the opportunities by integration of skills in curriculum documents, it is also necessary to identify the knowledge levels and skills at both practice and policy level. It may be considered similar to replacing manual jobs with machine handled tasks that occurred in the 21st Century as a revolution. By stating, the key 21st Century skills will be 4C's Critical Thinking, Collaboration, Communication and Creativity. Then he gave an overview of current Indian higher education scenario, how India projected to be a \$ 5 Trillion economy by 2023, soon 600 Million people in the age group of 15 to 30 would need quality education and skilling. how education 4.0, 21st Century framework for skills and Industry 4 in the Era of knowledge economy is expected to be as learner centric, facilitating life long learning, multidisciplinary focused and ability to laterally and critically think and leverage the skills and competency. He then discussed about world intellectual property, shared his views on how countries like US, China and other European countries has filing Patents every year. Later, he introduced the audience about simple approaches to enable ourselves to be employable, innovative, research oriented and entrepreneurial. In his talk, he also stated that innovation can happen with a multidisciplinary approach and never with a linear or one-dimensional approach. Further, he also shared that, through multi-disciplinary immersive experimental and a system design thinking approach how they have been working towards outcomes in a systematic way. Finally, he also gave an overview about the industry, academic and government policy collaborations with their organization. The webinar was attended by around 150 participants, who participated with a lot of zeal in the interactive session with the speaker. Webinar ended with a vote of thanks.

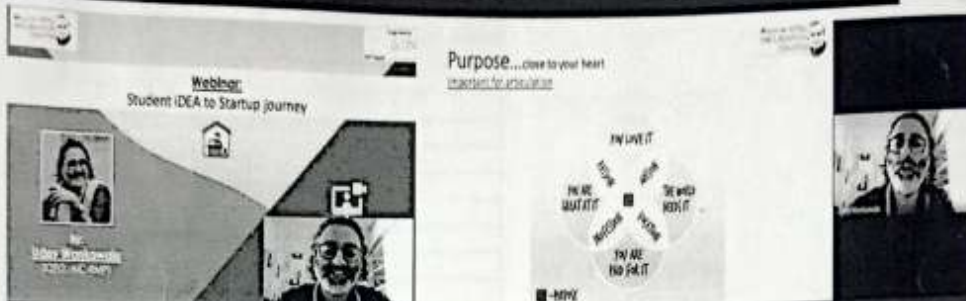
May 16th
2020



Co-ordinator,
KUTIC
Kurukshetra University
Kurukshetra

May

Webinar on "Student IDEA to Startup Journey"

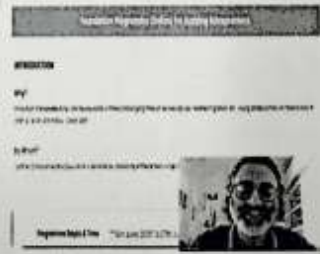


Kurukshetra University Technology Incubation Centre (KUTIC) organized a webinar on "Student IDEA to Startup Journey" on 22nd May 2020. Mr. Uday Wankawala, CEO, Atal Incubation Centre-Rambhau Mhalgi Prabodhini, Mumbai, was the speaker of the day, who was welcomed by Dr. Ashwani Mittal, PAG member, KUTIC. Followed by, Prof. Anurekha Sharma, Coordinator KUTIC introduced the speaker to the audience attended the webinar. Mr. Uday Wankawala, began his talk by sharing his vast experience on startup ecosystem, guiding and mentoring various startups. He then discussed the process of Student idea to startup journey, how one can lead successful startup journey by considering some of the personality traits such as passion, setting a mission that we want change or solving a problem, to self-belief or confident on what we work on, hunger to learn more new things and being truthful. By presenting a graph, he gave a detailed overview of entrepreneurial journey, how one shall find a purpose through analysis of four components like Passion, Mission, Profession and Vocation. He also discussed about how a student can take an entrepreneur's journey and what are the opportunities to look out while studying. He then shared his working experiences with various student entrepreneurs and their startups, which includes Team Prayaas, Greensole, and Ashioto Analytics for their brilliant performances. Then he emphasized the steps to develop an idea for a business model. Followed by he gave valuable suggestions on how to use different platforms such as What's app, Facebook, friends, and other college network to effectively build a business while in college. Finally, he shared an foundation programme for budding entrepreneurs organizing by Atal Incubation Centre – RMP academy. The webinar was attended by around 150 participants, who participated with a lot of zeal during the interactive session with the speaker. Webinar ended with a vote of thanks.

May 22nd
2020

Steps in your journey

- Idea, Innovation (problem) & Idea validation
- Opportunity Evaluation (3C- Competition, Competency, Customer)
- Customer traction
- Experimentation
- MVP
- Business Model



KUTIC,
Kurukshetra University
Kurukshetra

May

Webinar on "Leveraging Modern Tools of Communication to optimize your Entrepreneurial Initiatives"

Leveraging Modern Tools of Communication to optimize your Entrepreneurial Initiatives

by
Anil Jain
Ph.D. (BITS, Pilani)
President, Vaiseshika Electron Devices
Mentor & Advisor
Kurukshetra University
Technology Incubation Centre

Website

- The most potential and yet-to-be-explored field by the entrepreneurs to promote their product, services and capabilities.
- Build your website right from the first day of your Venture.
- Upload activities, papers



Kurukshetra University Technology Incubation Centre (KUTIC) organized a webinar on "Leveraging Modern Tools of Communication to optimize your Entrepreneurial Initiatives" on 30th May 2020. The speaker of the day **Dr. Anil Jain**, President, Vaiseshika Electron Devices, Ambala Cantt. who was welcomed by Dr. Srinadh, Incubation Consultant, KUTIC and introduced by Dr. Reeta Devi, PAG Member KUTIC. In his talk, **Dr. Anil Jain**, gave his opening statement on importance of communication as a fundamental need of a human being to interact with the fellow beings. He then shared his views on tools of communication used in earlier days such as message on a piece of paper tied to the feet of pigeon (Pigeon mail), telegraph conveying short messages instantaneously through Morse Code, letter writing and fax machine a photocopy of the written textual and printed message and documents. Further, he introduced, how communication technology is advancing rapidly through impact on modern entrepreneurship. He then emphasized on how modern tools such as Website, LinkedIn and YouTube can be used by the entrepreneurs to promote their product, services and capabilities. He also shared an example how a 6 Year Old South Korean Girl makes 6 million US \$ in 2 Years with the help of YouTube. Finally, he gave a valuable comment to the participants especially to the students, "Leveraging Modern Tools of Communication is your prerogative. You can encash it or you can squander it". Anything available Free-of-Cost has more chances of being "WASTED". For an entrepreneur, it is needed to connect with others and foster relationships through powerful communication tools for entrepreneurial success. The webinar was attended by 180 participants, who participated with a lot of zeal in the interactive session with the speaker. Webinar ended with a vote of thanks.

May 30th
2020

LinkedIn

- International Community of experienced peers and specialists.
- LinkedIn provide connectivity to you with potential mentors across the globe.
- Start Communication through search of potential of



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KURUKSHETRA UNIVERSITY TECHNOLOGY INCUBATION CENTRE

KUTIC
Kurukshetra University
Kulna, Haryana

May

KURUKSHETRA UNIVERSITY, KURUKSHETRA
(A- GRADE NAAC ACCREDITED)



AN INTERNATIONAL WEBINAR ON
"BIOLOGICAL ADVANCEMENTS IN VACCINES"
organised by
Department of Biochemistry, KUK



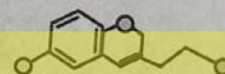
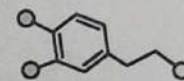
Prof. Som Nath Sachdeva
Vice Chancellor, Kurukshetra University
(Chief Patron)



Prof. Manjula Chaudhary
Dean Academic Affairs,
Kurukshetra University
(Co-Patron)



Prof. Smita Chaudhry
Dean Life Sciences,
Kurukshetra University
(Advisor)



SPEAKERS

DR. NARENDRA CHIRMULE



Co-founder & CEO
SymphonyTech Biologics
Philadelphia, USA

DR. SUNIL K ARORA



Professor of Immunology & Head, Dept.
of Translational & Regenerative Medicine
PGIMER, Chandigarh

DR. COREY J. BISHOP



Senior Scientist, Janssen R&D
Johnson & Johnson (USA)



Prof. Ranjan Gupta
Chairperson, Department of Biochemistry
(Convener)



22 JUNE, 2021
3:30 PM IST onwards



Google Meet

meet.google.com/qgx-cvev-wvm

We'd love to get your feedback to help improve on future events. Please take
your time and fill the feedback form

<https://forms.gle/3rSzabwiBbqcZZb19>

Ranjan Gupta
Chairperson
Department of Biochemistry
Kurukshetra University
KURUKSHETRA



EVENT SCHEDULE

Welcome Note (Convener)

3:30 PM- 3:35 PM

Inaugural address by Chief Patron (Hon'ble Vice Chancellor, KUK)

3:35 PM- 3:55 PM

Speaker- Dr. Narendra Chirmule

4:00 PM - 5:10 PM

Speaker - Dr. Sunil K Arora

5:10 PM- 6:20 PM

Address by Co-Patron (Dean Academic Affairs, KUK)

6:20 PM - 6:30 PM

Speaker - Dr. Corey J. Bishop

6:30 PM - 7:40PM

Valedictory Address by Dean Faculty of Life Sciences, KUK

7:40 PM - 7:55 PM

Vote of Thanks

7:55 PM- 8:00 PM

22 June, 2021 | Tuesday

Anjan Gupta
Chairperson
Department of Biochemistry
Kurukshetra University,
KURUKSHETRA-136119.

Webinar report on “Biological
Advancements in Vaccines”
Held on 22nd June ,2021 at 3:30pm.



Department of Biochemistry, Kurukshetra University, Kurukshetra organized a WEBINAR on “Biological Advancements In Vaccines” on 22 June 2021 at 03:30 PM.

Around 125 participants comprising Principals, Professors, Associate Professors, Assistant Professors, Research Scholars and students participated in this webinar.

The event started with a welcome note by **Prof Ranjan Gupta**, Chairperson, Department of Biochemistry, Kurukshetra University, Kurukshetra followed by an inaugural address by **Prof. Som Nath Sachdeva**, Vice-Chancellor, **Kurukshetra University, Kurukshetra**. Prof. Sachdeva extended his warm welcome to the participants and Resource Persons of the Webinar. He thanked **Dr. Narendra Chirmule**, Co Founder & CEO SymphonyTech Biologics Philadelphia, USA; **Dr. Sunil K. Arora**, Professor of Immunology & Head, Department of Translational & Regenerative Medicine, PGIMER, Chandigarh; **Dr. Corey J. Bishop**, Senior Scientist, Janssen R&D, Johnson & Johnson, PA (USA) for being the speakers of the day to guide the participants about the advancements in the vaccines production and effectiveness. The event was addressed by Prof. Manjula Chaudhary, Co-Patron, Dean Academic Affairs and Prof. Samita Chaudhary, Dean of Life Science, Kurukshetra University Kurukshetra.

Ranjan Gupta
Chairperson
Department of Biochemistry
Kurukshetra University,
KURUKSHETRA-136119.

Objective:

Vaccine development is a long, complex process, often lasting 10-15 years and involving a combination of public and private involvement. The current system for developing, testing, and regulating vaccines developed during the 20th century as the groups involved standardized their procedures and regulations.

Vaccines are developed, tested, and regulated in a very similar manner to other drugs. In general, vaccines are even more thoroughly tested than non-vaccine drugs because the number of human subjects in vaccine clinical trials is usually greater. In addition, post-licensure monitoring of vaccines is closely examined by the Centers for Disease Control and the FDA.

Outcomes:

Prof. (Dr.) Ranjan Gupta, Chairperson, Department of Biochemistry, Kurukshetra University, Kurukshetra formally welcomed the worthy Vice Chancellor, the speakers, and the participants of the webinar. She narrated how the University is making its rigorous efforts to boost the quality of teaching, research and learning in the University under the able leadership of the Vice Chancellor. She also talked about how the field of Biochemistry is emerging as a boon in the field of vaccine development.

Vice Chancellor, Dr Somnath Sachdeva: He greeted everyone present at the meet and thanked the Department of Biochemistry for organizing this webinar in these tough times. He cited William Foege saying " Vaccines are the tugboats of preventive health". Talking about vaccine development over decades, he emphasized how a single virus

Chairperson
Department of Biochemistry
Kurukshetra University,
KURUKSHETRA-136119.

could create havoc in lives of people worldwide and how vaccines help in protecting one against the same. Further, he elaborated being a lifelong learner and have a motto to go from developing skills, to re-skill and then to up-skill. He also honored people in life sciences for their contribution to the field of medicine and how the Campus of Kurukshetra University promoted all round development of an individual.

Dr. Narendra Chirmule, gave a detailed presentation on **Vaccine Development Process**. He highlighted about the core values, vision, and mission and how particular virus, poses unique challenges to vaccine development. He elaborated about HIV /Acquired Immune Deficiency Syndrome (AIDS) epidemic, the virus kills immune T helper cells called CD4+ cells, which are the coordinators of the human immune system. He also discussed the statistics with regards to these criterions. He further briefed about how HIV kills enough CD4+ cells, the infected person's immune system is unable to fight off infections it could ordinarily control. When the number of CD4+ cells drops below a certain point, a person is considered to have progressed from HIV infection. Lastly in his session he discussed about the process to ask questions, and he provided perspicuous explanations of the questions asked by the participants of the webinar.

Dr. Sunil K. Arora, presented on the topic '**Advancements in Vaccine Strategies**'. He spoke about The different vaccine types, which are made using several different processes. They may contain live viruses that have been attenuated (weakened or altered so as not to cause illness); inactivated or killed organisms or viruses; inactivated toxins (for bacterial diseases where toxins generated by the bacteria, and not the bacteria themselves, cause illness); or merely segments of the

Sanjay Gupta
Chairperson
Department of Biochemistry
Kurukshetra University,
KURUKSHETRA-136119.

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pathogen (this includes both subunit and conjugate vaccines). While talking about the impact of how Covid-19 pandemic has led to a dramatic loss of human life worldwide and presents an unprecedented challenge to public health, food systems and the world of work. Later he responded to the Questions and doubts raised by the participants.

Dr. Corey J. Bishop, in his presentation explained about the **recombinant DNA technology** process involved in vaccine production. He stressed on the process of **internalization and signal processing** once the antigen from the vaccine enters a cell. He also discussed, citing examples, how side effects are produced from DNA vaccines and some techniques to overcome those. Further, he explained in detail the difference between DNA and RNA based vaccines. Later, Dr. Corey J. Bishop responded to the Questions asked by the participants.

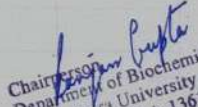
The session was concluded by a vote of thanks from **Prof. Ranjan Gupta**. She expressed special gratitude to the speakers for their informative and useful presentations. She also expressed gratitude to the University administration for their constant encouragement and support in conducting the Webinar, and participants in making the Webinar a grand success.

Some pictures from the webinar :

Prof Dr Ranjan Gupta:

Ranjan Gupta
Chairperson
Department of Biochemistry
Kurukshetra University,
KURUKSHETRA-136119.

Participants	Joined	Left	Duration	6/22/2021 4:14:1
ISHA	6/22/2021 16:13:14	6/22/2021 16:41:38	00:28:24	Jyoti
Jasbir Singh	6/22/2021 16:13:14	6/22/2021 17:55:54	01:42:40	Kanchan
Jatin Kathpalia	6/22/2021 16:13:14	6/22/2021 17:55:54	01:42:40	Kapil
Jyoti	6/22/2021 16:13:14	6/22/2021 17:55:54	01:42:40	KHAN COM
Kanchan	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	kiran duhan
Kapil	6/22/2021 16:13:14	6/22/2021 17:55:54	01:42:40	kirti yadav
KHAN COM	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Kulvinder
kiran duhan	6/22/2021 16:13:14	6/22/2021 17:55:54	01:42:40	Manan malik
kirti yadav	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Manan Malik
Kulvinder	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Mandeep Kaur
Manan malik	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	manisha kalia
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Mandeep Kaur	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Manju Bala
manisha kalia	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Manju rani
Manju	6/22/2021 16:13:14	6/22/2021 17:55:54	01:42:40	Manpreet Pardhan
Manju Bala	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Mansi Jain
Manju rani	6/22/2021 16:13:14	6/22/2021 16:41:38	00:28:24	Mansi Poonia
Manpreet Pardhan	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Manvi Bansal
Mansi Jain	6/22/2021 16:13:14	6/22/2021 16:41:38	00:28:24	Meenakshi
Manvi Bansal	6/22/2021 16:13:14	6/22/2021 16:41:38	00:28:24	Meenakshi Chahal
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Meenakshi Chahal	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Meenu Kashyap
Meenu	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Megha
Megha	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Monika Yadav
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Narendra Chirmule	6/22/2021 16:13:14	6/22/2021 16:22:14	00:09:00	Narendra Chirmule
Narendra ChirmulePrese	6/22/2021 16:13:14	6/22/2021 16:22:14	00:09:00	Narendra Chirmule Presentation
Neelam Sharma	6/22/2021 16:13:14	6/22/2021 16:41:38	00:28:24	Narendra Chirmule


 Chairperson
 Department of Biochemistry
 Kurukshetra University,
 KURUKSHETRA-136119.

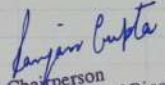
Participants	Joined	Left	Duration	
chairperson bio chem	6/22/2021 15:14:45	6/22/2021 19:05:27	03:50:42	6/22/2021 4:14:1
Abhilasha dhankar	6/22/2021 15:14:45	6/22/2021 19:05:27	03:50:42	https://meet.google.com/nqz-cvew-wvm
Dilawar singh	6/22/2021 15:14:45	6/22/2021 19:05:27	03:50:42	chairperson bio chem
rana ankit	6/22/2021 15:14:45	6/22/2021 16:22:14	01:07:29	Aarti
Anjali	6/22/2021 15:15:22	6/22/2021 19:05:27	03:50:05	Abhilasha dhankar
Muskan	6/22/2021 15:15:22	6/22/2021 19:05:27	03:50:05	Anil Kumar Tyor
Ankita yadav	6/22/2021 15:21:26	6/22/2021 19:05:27	03:44:01	ANITA BHATNAGAR
Archna Bhargave	6/22/2021 15:21:26	6/22/2021 19:05:27	03:44:01	anita dua
Gargi Hinduja	6/22/2021 15:21:26	6/22/2021 19:05:27	03:44:01	Anjali
Nisha	6/22/2021 15:21:26	6/22/2021 19:05:27	03:44:01	Anjali
Tanu singh	6/22/2021 15:21:26	6/22/2021 19:05:27	03:44:01	Anju dhiman
YOGESH KUMAR	6/22/2021 15:21:26	6/22/2021 19:05:27	03:44:01	Ankita yadav
Aarti	6/22/2021 16:13:14	6/22/2021 16:13:15	00:00:01	Annu
Anil Kumar Tyor	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Anurekha Sharma
ANITA BHATNAGAR	6/22/2021 16:13:14	6/22/2021 16:41:38	00:28:24	Apurva
anita dua	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Archna Bhargave
Anju dhiman	6/22/2021 16:13:14	6/22/2021 17:55:54	01:42:40	Aruna Yadav
Annu	6/22/2021 16:13:14	6/22/2021 16:41:38	00:28:24	Ashish Kumar
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Apurva	6/22/2021 16:13:14	6/22/2021 16:41:38	00:28:24	chairperson bio chem
Aruna Yadav	6/22/2021 16:13:14	6/22/2021 16:22:14	00:09:00	chairperson micro biology
Ashish Kumar	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Deepa raj
bhawna dahiya	6/22/2021 16:13:14	6/22/2021 17:55:54	01:42:40	DEEPIKA
chairperson micro biology	6/22/2021 16:13:14	6/22/2021 16:22:14	00:09:00	Deepika Mann
Deepa raj	6/22/2021 16:13:14	6/22/2021 17:55:54	01:42:40	Dilawar singh
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DEEPIKA	6/22/2021 16:13:14	6/22/2021 16:41:38	00:28:24	Dr. Vinita Bhankar
Deepika Mann	6/22/2021 16:13:14	6/22/2021 16:22:14	00:09:00	Ekta Yadav
Divya Kaushik	6/22/2021 16:13:14	6/22/2021 16:13:15	00:00:01	Gargi Hinduja
Dr. Vinita Bhankar	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Himani
Ekta Yadav	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	ISHA
Himani	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Jasbir Singh
				Jatin Kathpalia

Chairperson
Department of Biochemistry
Kurukshetra University,
KURUKSHETRA-136119.

Participants	Joined	Left	Duration	6/22/2021 4:14:1
Nikita goyal	6/22/2021 16:13:14	6/22/2021 16:13:15	00:00:01	Neelam Sharma
Nisha Kumari	6/22/2021 16:13:14	6/22/2021 16:41:38	00:28:24	Nikita goyal
Nitika sood	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Nisha
Nitu Devi	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Nisha
Nitu Mor	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Nisha Kumari
PA VC	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Nitika sood
Parul	6/22/2021 16:13:14	6/22/2021 16:22:14	00:09:00	Nitu Devi
PARUL	6/22/2021 16:13:14	6/22/2021 16:22:14	00:09:00	Nitu Mor
Pooja	6/22/2021 16:13:14	6/22/2021 17:55:54	01:42:40	PA VC
Praveen Sharma	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Parul
Preeti	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	PARUL
PREETI MISHRA	6/22/2021 16:13:14	6/22/2021 16:22:14	00:09:00	Pooja
Priti Devi	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Praveen Sharma
Priyanka	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Preeti
Rashmi	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Preeti
Ravina	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	PREETI MISHRA
Rishu	6/22/2021 16:13:14	6/22/2021 17:55:54	01:42:40	Priti Devi
Ritesh Khatri	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Priyanka
ritu badal	6/22/2021 16:13:14	6/22/2021 16:22:14	00:09:00	rana ankit
Ritu devi	6/22/2021 16:13:14	6/22/2021 16:22:14	00:09:00	Rashmi
RITU SHARMA	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Ravina
rumi kamboj	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Rishu
salim khan	6/22/2021 16:13:14	6/22/2021 16:41:38	00:28:24	Ritesh Khatri
sandeep jind	6/22/2021 16:13:14	6/22/2021 16:41:38	00:28:24	ritu badal
Sangeeta yadav	6/22/2021 16:13:14	6/22/2021 16:22:14	00:09:00	Ritu devi
Sapna dama	6/22/2021 16:13:14	6/22/2021 16:41:38	00:28:24	RITU SHARMA
Savitri	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	rumi kamboj
shama tyagi	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	salim khan
SHEETAL	6/22/2021 16:13:14	6/22/2021 16:41:38	00:28:24	sandeep jind
Shiv charan	6/22/2021 16:13:14	6/22/2021 16:22:14	00:09:00	Sangeeta yadav
Shivangi	6/22/2021 16:13:14	6/22/2021 16:22:14	00:09:00	Sapna dama
SIMRAN SHABIR	6/22/2021 16:13:14	6/22/2021 16:41:38	00:28:24	Savitri


 Chairperson
 Department of Biochemistry
 Kurukshetra University,
 KURUKSHETRA, KA-136119.

Participants	Joined	Left	Duration	6/22/2021 4:14:1
sneha bareja	6/22/2021 16:13:14	6/22/2021 16:13:15	00:00:01	Savitri
Sonam	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	shama tyagi
Suman Dhanda	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	SHEETAL
Swati	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Shiv charan
Thakral Nisha	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Shivangi
Urvashi mudgil	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	SIMRAN SHABIR
Veena	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	SIMRAN SHABIR
Vice-Chancellor, K.U. Kur	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	sneha bareja
VIJETA NARWAL	6/22/2021 16:13:14	6/22/2021 16:41:38	00:28:24	Sonam
Vikas	6/22/2021 16:13:14	6/22/2021 19:05:27	02:52:13	Suman Dhanda
Vishal	6/22/2021 16:13:14	6/22/2021 17:55:54	01:42:40	Swati
VRINDA	6/22/2021 16:13:14	6/22/2021 17:55:54	01:42:40	Tanu singh
Yogesh	6/22/2021 16:13:14	6/22/2021 17:55:54	01:42:40	Thakral Nisha
Yunus Pervej	6/22/2021 16:13:14	6/22/2021 16:41:38	00:28:24	Urvashi mudgil
ANITA YADAV	6/22/2021 16:22:13	6/22/2021 19:05:27	02:43:14	Veena
Bhawana Sharma	6/22/2021 16:22:13	6/22/2021 16:41:38	00:19:25	Vice-Chancellor, K.U. Kurukshetra
Meenu Kashyap	6/22/2021 16:22:13	6/22/2021 16:41:38	00:19:25	VIJETA NARWAL
Neha saroha	6/22/2021 16:22:13	6/22/2021 19:05:27	02:43:14	Vikas
Nitu Kaushik	6/22/2021 16:22:13	6/22/2021 16:22:14	00:00:01	Vishal
Ankit Rana	6/22/2021 16:41:37	6/22/2021 19:05:27	02:23:50	VRINDA
Ankush	6/22/2021 16:41:37	6/22/2021 16:41:38	00:00:01	Yogesh
Dharmender Kumar	6/22/2021 16:41:37	6/22/2021 16:41:38	00:00:01	YOGESH KUMAR
MuskanPresentation	6/22/2021 16:41:37	6/22/2021 16:41:38	00:00:01	Yunus Pervej
Poonam Katyal	6/22/2021 16:41:37	6/22/2021 16:41:38	00:00:01	
Rupal	6/22/2021 16:41:37	6/22/2021 19:05:27	02:23:50	
Sagar kumar	6/22/2021 16:41:37	6/22/2021 16:41:38	00:00:01	
shivani oberoi	6/22/2021 16:41:37	6/22/2021 16:41:38	00:00:01	
Sudha Dalal	6/22/2021 16:41:37	6/22/2021 19:05:27	02:23:50	
Swati Choudhary	6/22/2021 16:41:37	6/22/2021 16:41:38	00:00:01	
ASHWANI MITTAL	6/22/2021 17:55:53	6/22/2021 19:05:27	01:09:34	
Manisha	6/22/2021 17:55:53	6/22/2021 17:55:54	00:00:01	
Nisha Wafia	6/22/2021 17:55:53	6/22/2021 19:05:27	01:09:34	


 Sanjay Gupta
 Chairperson
 Department of Biochemistry
 Kurukshetra University,
 KURUKSHETRA-136119.

Participants	Joined	Left	Duration	6/22/2021 4:14:1
Sachin	6/22/2021 17:55:53	6/22/2021 17:55:54	00:00:01	
Sandeep Kumar	6/22/2021 17:55:53	6/22/2021 19:05:27	01:09:34	
Sunil Arora	6/22/2021 17:55:53	6/22/2021 17:55:54	00:00:01	
Upasana	6/22/2021 17:55:53	6/22/2021 17:55:54	00:00:01	
Anuj kumar	6/22/2021 19:05:25	6/22/2021 19:05:27	00:00:02	
Manjula Chaudhary Touri	6/22/2021 19:05:25	6/22/2021 19:05:27	00:00:02	
PANKAJ Kumar	6/22/2021 19:05:25	6/22/2021 19:05:27	00:00:02	

Pankaj Gupta
Chairperson
Department of Biochemistry
Kurukshetra University,
KURUKSHETRA-136119.

RESOURCE PERSONS DURING SCIENCE CONCLAVE 2020

(March 03-04,2020)

“SCIENCE CONCLAVE 2020: Kindle youth towards Basic Sciences for Human Well-being”

S.No	Names	Address
1.	Prof V.P. Uniyal	Scientist WII, Dehradun, Uttarakhand
2.	Dr. Praveen Sharma	Director General. State Council of Science, Innovation and Technology
3.	Prof. S.K. Mehta	Panjab University Chandigarh
4.	Prof. Jagbir Singh Kirti	Punjabi University Patiala
5.	Sh. Srinivas Nehru	Science Panorama Kurukshetra
6.	Prof. S.S. Hundal	Punjab Agricultural University Ludhiana
7.	Sh. Jitender	Science Panorama Kurukshetra
8.	Dr Sandeep Sahijpal	Department of Physics, panjab University Chandigarh

REPORT OF THE CONCLAVE

(March 03-04,2020)

This two days Science Conclave “SCIENCE CONCLAVE 2020: **Kindle youth towards Basic Sciences for Human Well-being**” was organized with the objectives to stimulate young minds towards wonders and challenges in basic sciences; to spread awareness among students about career prospects in basic sciences and to expose young college and school students to the fascinating world of science and technology by way of live demonstrations.

Registration of students started in the morning on March 3, 2020 The printed material was supplied to students including bibliography of scientists, write-up of Invited talks, and career guidance .

Thereafter the inaugural session was held at about 10:30 AM on March 03, 2020, presided over by the honourable Vice chancellor Prof. K.C. Sharma. Prof V.P. Uniyal, a renowned scientist from WII

Dehradun was the Chief Guest and key note Speaker, and Dr. Praveen Sharma, Director General, State Council of Science, Innovation and Technology was Guest of Honour.

Also present were deans of different faculties including Dean Faculty of Engineering and Technology Prof. Shyam Kumar, , and Dean Student Welfare Prof. Pawan Sharma.

Prof. R.K. Sharma, Dean Life Sciences, welcomed the august gathering. Thereafter, Souvenir Book of the Conclave was released. The chief guest and all other dignitaries released the Souvenir formally inaugurating the event .

Thereafter Dr. Praveen Sharma, Director General, State Council for Science, Innovation and Technology, Govt. of Haryana shared his experiences.

This was followed by the inaugural address by Prof V.P. Uniyal Chief Guest of the function. Signifying the significance of this conclave he said that modern advancements in Sciences have contributed a lot towards human welfare. Spoke on Biodiversity and its significance. He explained that Insects are bioindicator for early warning in the Forest Areas of Shivalik Landscape, Western Himalaya, India and showed beautiful videos.

In his presidential address, Prof. K.C. Sharma, Vice Chancellor of the University showed his concern about the declining interest of students towards basic sciences and emphasized that pure science today is a natural extension of age old and continuing efforts of intellectuals to understand the mysteries of nature. He said task of taking the dream to build new top class scientists rests on the shoulders of young generation.

The dignitaries were then escorted off the dais by the Dean Faculty of Life Sciences and other Faculty members over a cup of tea.

This was followed by the interactive session with Dr. Praveen Kumar, DG State Council of Science , Innovation and Technology.

After that all proceeded for Lunch

In the post lunch Technical Session there were two talks first one was of Prof. S.K. Mehta, of Panjab University Chandigarh He spoke on 'Creativity in Science and Technology: Differentiating Great, Average and Small minds'. He explained How basic science plays a key role in technology?. He said for each nation to get developed at every aspect, application of both science and technology has to go hand in hand.

Second talk was of Prof. Jagbir Singh Kirti from Punjabi University Patiala. Prof . Jagbir Spoke on Environmental degradation Causes and conservation need. His talk was a step to create awareness about cleanliness and and environmental safety.

In the following session Sh. Srinivas Nehru a Scientist from Science Panorama Kurukshetra presented a science Fun show. Students participated and enjoyed that show on mathematics.

The activities of that day thereafter ended by proposing vote on thanks and refreshing cup of tea.

The first session of the second day begun with the lecture of Prof. S.S. Hundal of Punjab Agricultural University Ludhiana who presented a talk on ‘Animal Cloning and Human Welfare’. He explained Clones are born just like other animals. They are similar to identical twins, only born at different times. Just as twins share the same DNA, clones have the same genes as the donor animal. He explained the role of science and genetic engineering in advancement. This session also received a overwhelming response.

Thereafter was a interactive session with Dr. Praveen Kumar. DG , DST Haryana. During This interaction students were also make aware about Scientific schemes.

This session was followed by a Science Fun show by Sh. Jitender of Science Panorma Kurukshetra which was very much liked by the students.

After Tea break there was a talk on The origin and evolution of the Universe by Dr Sandeep Sahijpal of Department of Physics, panjab University Chandigarh. The main aim of the presentation was to familiarize the students with the deep mysteries of our universe.

After that was the valedictory function. Dr. Manjula Chaudhary, Dean Academic Affairs, Kurukshetra University graced the occasion as chief guest and Dr. Praveen Kumar leader of sponsoring agency was Guest of Honour. Dr. Anita Bhatnagar Organising Secretary of conclave presented report of activities of the two days.





Press note


The women in STEM (WIS) organized one day seminar on "**Women Innovation in STEM**" jointly with KUTIC, KUK on the occasion of International Day of women and girls in science on 11 Feb, 2020 with the objective to encourage, motivate and inspire girls students to pursue their career in STEM and to overcome the existing gender disparity in STEM. In the inaugural session, Prof. Smita Chaudhry, Coordinator Women in STEM forum, formally welcomed the audience and highlighted that the seminar was organized to address the issue of why only a few women contributors are involved in STEM (Science, Technology, Engineering and Mathematics). She motivated the students to pursue career in STEM and women can easily make balance between work and home.

Dr. K.C.Sharma, Vice Chancellor, KUK was the Chief Guest of the seminar who emphasized that girls need to be provided with equal opportunities in academics to excel in STEM and also to make them familiar with the role models in STEM. He also congratulated the coordinators for taking such an initiative first of its kind.

Dr. Manjula Chaudhary, DAA, KUK and Nodal officer RUSA, the guest of honour enlightened the participants with the major domains of RUSA and various fellowships, training programs under RUSA.

Prof. Anurekha highlighted the objectives and events organized by KUTIC.

The eminent speaker, Dr. Darshana Joshi co-founder, VIGYAN shaala, gave her motivational talk on Inclusivity, Innovations and Interdisciplinarity. Dr. Sarika Verma, Principal Scientist CSIR-AMPRI, Bhopal, who has got 17 international and national patents, highlighted her research findings, New Materials- Advanced


Director
Institute of Environmental Studies
KURUKSHETRA UNIVERSITY
KURUKSHETRA-136119


Non-Toxic Radiation shielding materials. Dr. Saroj Jaipal, Ex-Principal Scientist, HAU Hissar delivered motivational lecture on Recent Advances in Agriculture that are changing the world.

A poster competition was also organized for women participants on the biography of leading women scientists with the objective to motivate and inspire the girl students to spread knowledge about women innovators achievements in STEM. The first five winners were awarded by the Dean Academic Affairs Prof Manjula Chaudhary.

Dr. Manjusha Choudhary was the organizing secretary of the seminar and conducted the stage.

The entire seminar was interactive and the speakers answered all the queries raised by the participants. Speaker also suggested that more women should come forward to serve the society through STEM and also motivated the students to face the challenges. A deep assessment of problems in STEM careers for female faculty should be conducted.

A total of 200 students and research scholars from different departments participated in the seminar. Among the participants 150 were female and 50 were male candidates.


Director
Institute of Environmental Studies
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DEPARTMENT OF CHEMISTRY
KURUKSHETRA UNIVERSITY KURUKSHETRA
(Established by the State Legislature Act XII of 1956)
(A+ Grade, NAAC Accredited)

DEPARTMENT OF CHEMISTRY
KURUKSHETRA UNIVERSITY, KURUKSHETRA
(Established by the State Legislature Act XII of 1956)
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NOTICE

Dated : 07.03.2019

Lectures will be delivered by the Goyal awardees for the year 2018-19 as per following schedule in the Department of Chemistry, K.U. Kurukshetra (Room No. 07). All the **Teachers, Research Scholars and M.Sc. (Final) Chemistry Students of Organic Chemistry and Pharmaceutical Chemistry** of the Department are required to attend the lecture as per schedule below:-

1. **Dr. Vandana Bhalla** will deliver a lecture on **08.03.2019 at 9.30 a.m. to 10.30 a.m.**
2. **Prof. Lakshmi Kantam** will deliver a lecture on **08.03.2019 at 11.00 p.m. to 12.00 p.m.**

Further, the **classes of M.Sc. (Previous) students** will be shifted in **Room No. 42** instead of **Room No. 7** on **07-03-2019** afternoon to **08-03-2019**.


CHAIRMAN

Circulate among all the Teachers/Research Scholars/Notice Board


18/07/2022
Chairperson
Department of Chemistry
K.U. KURUKSHETRA.

DEPARTMENT OF CHEMISTRY
KURUKSHETRA UNIVERSITY KURUKSHETRA
(Established by the State Legislature Act XII of 1956)
(*A* Grade, NAAC Accredited)

No. Chem./19/1657

Dated: 25-9-19

It is submitted that **Prof. Bimal Bagchi, Honorary Professor, Solid State and Structural Chemistry Unit, Indian Institute of Science, Bangalore** is visiting Kurukshetra University, Kurukshetra and has kindly agreed to deliver Two extension lectures on '**Trends and Opportunities in Chemistry**' in Department of Chemistry, Kurukshetra University, Kurukshetra on **28th September, 2019 (Saturday)** from 2.30 P.M and 4.30 P.M. It is requested that **honorarium for the lectures and fund for Refreshment of 200 students** may kindly be **sanction @ Rs. 20/- per student.**

Submitted for approval, please.

DEAN, STUDENTS WELFARE

[Signature]
CHAIRMAN

Received
[Signature]
2019

Awareness against “Single-Use Plastic”

To create awareness among students against “Single use plastic” Department of Chemistry, Kurukshetra University, Kurukshetra and National Service Scheme (U.T.D.), KUK jointly organized poster making, oral-presentation and Drama Competitions on 18th October, 2019 and 19th October, 2019 in Department of Chemistry, KUK. The students did a meticulous job in putting across the message regarding the harm single use plastic items are causing to us, wildlife and environment in general.

In poster making competition: Ms. Manjeeta (M.Sc. Previous), Ms. Ruchi, Ms. Deepti and Ms. Simran (all three from M.Sc. Final) won first, second, third and Consolation prizes, respectively.

In power-point oral presentation competition: Mr. Naveen, Ms. Ritika and Ms. Renu of M.Sc. Previous won first, second and third prizes, respectively.

In Drama competition, the different teams comprising students Aditya, Shubham, Naveen, Annu, Rashmi, Sonam, Abhishek, Sarita, Jahina, Ashish, Jatin, Sonu, Shalini, Deepti, Nancy, Mahesh, Komal, Bhumika, Diksha, Yayatika and Raina presented three different dramas on the theme.

The judges Prof. H. K. Sharma (Chairman, Department of Chemistry) and Dr. Meenakshi Suhag (Institute of Environmental Studies, KUK) emphasized that the theme ‘Save Planet, Stop Choking – Use plastic Wisely’ is the need of the hour and appreciated students for their efforts. On this occasion, Dr. Sangeeta Saini, Dr. Rashmi Pundeer and N.S.S. (UTD) Programme Officers were also present.

Few Photographs of the event



Event on “ Single use plastic” organised by chemistry department from 18-10-19 to 19-10-19



Event on "Single use plastic" organised by chemistry department from 18-10-19 to 19-10-19



Event on "Single use plastic" organised by chemistry department from 18-10-19 to 19-10-19

Report on Certificate Course “Chemical Laboratory Assistant - I”

Certificate Course under RUSA 2.0 “Chemical Laboratory Assistant - I” was organised by Department of Chemistry, Kurukshetra University, Kurukshetra between November, 2019 to January, 2020. In the course the participants were introduced to preliminary concepts, procedures and precautionary measures essential for working in Chemical Laboratory. The course objective was to create skilled workforce for position of Chemical Laboratory Assistant. A chemical laboratory run by a skilled laboratory assistant will provide students with a better learning experience. A well-managed laboratory will facilitate the better utilization of funds. In addition, in such a favourable environment teacher will be in better position to get engaged with students in intensive discussions and scientific temperament of students can be improved.

This course was coordinated by Dr. Sangeeta Saini (Assistant Prof. Department of Chemistry, KUK) under the able guidance of Prof. B.S. Bodla, Coordinator, Centre for Skill Development, KUK and Prof. Manjula Chaudhary, Nodal Officer, RUSA 2.0, Kurukshetra University, Kurukshetra.

The resource persons of the course were:

1. Prof. Sanjiv Arora, Department of Chemistry, KUK
2. Prof. Neera Raghav, Department of Chemistry, KUK
3. Prof. Kiran Singh, Department of Chemistry, KUK
4. Dr. Suman Mahendia, Department of Physics, KUK
5. Dr. Ashwani Vihana, Department of Chemistry, KUK
6. Dr. Rashmi Pundeer, Department of Chemistry, KUK
7. Dr. Sangeeta Saini, Department of Chemistry, KUK
8. Dr. Raj Kamal, Department of Chemistry, KUK

9. Dr. Sohan Lal, Department of Chemistry, KUK
10. Mr. Harish, External Expert from Fire-Training
11. Mr. Hemant Oberai, External Expert for purification of water
12. Sh. Suresh Ahalawat, Department of Instrumentation, KUK

On the first day of the course, Prof. H. K. Sharma, Chairman, Department of Chemistry, Kurukshetra University, Kurukshetra welcomed all the participants of the course and wished that the course will fulfil its objectives and would benefit the participants. The course included training on all aspects required for a Laboratory Assistant with included Familiarization with chemical laboratory structure, Knowledge about cause and prevention of accidents, personnel safety and use of personnel protective equipment required while handling hazardous chemicals. The participants were given hands-on training on operating fireextinguisher. The course included lectures and laboratory hands-on sessions on chemical concepts related to solution preparation and standardization, acid-base concept, different methods of determination of concentration and percentage purity of samples, complexometric titrations, pH-concept, buffers, maintenance of Distilled and Deionised water units.

In total, the course had **22 lectures** and the course duration was **32 hours**. The course was conducted in months of November, 2019 and January, 2020 as per the convenience of participants. The number of participants who registered for the course was 23 and out of these 16 successfully completed the course.

Few Selected Photographs of the Course



Chemical Laboratory Assistant - I programme by department of Chemistry, KUK from November 2020 to January 2020



Chemical Laboratory Assistant - I programme by department of Chemistry, KUK from November 2020 to January 2020

Report on “Practical Aspects of Quantum Chemical Calculations: Basic Concepts”

Certificate Course under RUSA 2.0 on “Practical Aspects of Quantum Chemical Calculations: Basic Concepts” was organised by Department of Chemistry, Kurukshetra University, Kurukshetra from 25th December, 2019 – 10th January, 2020. This course was coordinated by Dr. Sangeeta Saini (Assistant Prof. Department of Chemistry, KUK) under the able guidance of Prof. B.S. Bodla, Coordinator, Centre for Skill Development, KUK and Prof. Manjula Chaudhary, Nodal Officer, RUSA 2.0, Kurukshetra University, Kurukshetra. Renowned scientists in the field visited department to conduct the sessions on various topics.

Prof. Sourav Pal (Director, IISER - Kolkata), Prof. Swapan Kumar Ghosh (Dean, CBS-Mumbai) , Prof. Prasad V. Bharatam (NIPER, Mohali), Prof. Harjinder Singh Laltu (IIIT Hyderabad), Prof. R. K. Moudgil (Kurukshetra University), Prof. Sambhu Nath Datta (IIT, Mumbai) and Prof. Debashree Ghosh (IACS, Kolkata).

The course objective was to introduce participants to advanced Quantum methods employed for Quantum Chemical Calculations. The course vision was that such a course will tend to increase research output and scholars will be in better position to develop quantum codes which may lead to several new start-ups and less dependency on software from abroad.

The resource persons of the course were:

1. Prof. R. K. Moudgil, Department of Physics, KUK
2. Dr. Sangeeta Saini, Department of Chemistry, KUK
3. Dr. Neetu Goel, Department of Chemistry, Panjab University, Chandigarh
4. Prof. Harjinder Singh Laltu, IIIT-Hyderabad
5. Prof. S. N. Datta, Professor Emeritus, IIT-Bombay, Mumbai

6. Dr. Debashree Ghosh, School of Mathematical and Computational Science, Indian Association for the Cultivation of Science, Kolkata
7. Prof. Sourav Pal, Director, IISER Kolkata
8. Prof. Swapan K. Ghosh, Center for Excellence in Basic Sciences, Department of Atomic Energy and University of Mumbai, Mumbai
9. Prof. P. V. Bharatam, NIPER, Mohali
10. Dr. Chetti Prabhakar, NIT, Kurukshetra
11. Dr. Saurav, Gaussian Expert, SCUBE Scientific Software Solutions (P) Ltd.

In this 16-day long certificate course, there were total 51 lectures including hands-on demonstrations. The total duration of the course was 76.5 hours. There were 19 participants in the course from different institutes of north India including IISER Mohali, IIT Ropar, IIT Roorkee, Thapar Institute of Engineering and Technology, Patiala; Panjab University, Chandigarh; HAU, Hisar and Kurukshetra University, Kurukshetra.

The course started with hands-on session on Fortran language and the necessary mathematics required for the course related to matrices was recapped. The lectures on later days build on the various formalisms of Quantum Chemistry and included lectures on Variation theorem, perturbation methods (time-independent and time-dependent), Solving Schrodinger equation for atoms and molecules, discussion on Self-consistent field methods (Hartree, Hartree-Fock methods), Slater determinants, Spin-orbit interactions, Electron-correlation, Restricted and unrestricted SCF methods, Introduction to molecular orbitals, spin orbitals. During the lectures the stress was laid on developing basic understanding of algorithms used for quantum chemical calculations and geometry optimization techniques. Lectures on Configuration interaction and Multiconfiguration methods including Coupled Cluster were held towards the end of the course. Basics of Density Functional Theory, importance of exchange-correlation functions were also discussed at length with the participants.

In the Valedictory session of the course, Prof. H.K. Sharma, Chairman, Department of Chemistry, Kurukshetra University welcomed Prof. B.S. Bodla, Coordinator, Centre for Skill Development, KUK (under RUSA 2.0) as Chief Guest. The Course Co-ordinator Dr. Sangeeta Saini briefed the Chief Guest regarding various lectures during the course. Prof. B.S. Bodla praised and congratulated all the participants on the successful completion of the course. He shared that such advanced courses are the need of hour and that he is happy that course could catch the interest of students from reputed institutes of country like IITs and IISER. He praised the efforts of Dr. Sangeeta Saini for bringing prominent personalities of the quantum chemistry field to Department of Chemistry, Kurukshetra University. In the end, Dr. Sangeeta Saini proposed the Vote of Thanks and expressed heartfelt gratitude towards Prof. Manjula Chaudhary, Nodal Officer, RUSA 2.0 and Prof. B.S. Bodla for their encouragement and support. She thanked Prof. H. K. Sharma for providing the necessary facilities to conduct the course including the computer Lab. She added that without the support of Chairperson it was not possible to conduct the course. On the occasion, Prof. Neera Raghav, Department of Chemistry, KUK was also present. The course ended with high tea and the course coordinator and Chairperson, Department of Chemistry wished success to all the participants.



Photo Caption: Prof. Sourav Pal (Director, IISER - Kolkata) and Prof. Swapan Kumar Ghosh (Dean, Center for Excellence in Basic Sciences, Department of Atomic Energy and University of Mumbai, Mumbai) with the participants of RUSA 2.0 sponsored course "Practical Aspects of Quantum Chemical Calculations: Basic Concepts" held in Department of Chemistry, Kurukshetra University, Kurukshetra from 25th December, 2019 – 10th January, 2020.



Photo Caption: Prof. H. K. Sharma (Chairperson, Department of Chemistry, KUK), Prof. B. S. Bodla (Co-ordinator, Centre for Skill Development, RUSA 2.0), Prof. Swapan Kumar Ghosh (Dean, Center for Excellence in Basic Sciences, Department of Atomic Energy and University of Mumbai, Mumbai), Prof. K. C. Sharma (Vice-Chancellor, Kurukshetra University), Prof. Sourav Pal (Director, IISER - Kolkata), Prof. Neera Raghav (Department of Chemistry) and Dr. Sangeeta Saini (Course Co-ordinator, Department of Chemistry, KUK) during RUSA 2.0 sponsored course on "Practical Aspects of Quantum Chemical Calculations: Basic Concepts" held in Department of Chemistry, Kurukshetra University, Kurukshetra from 25th December, 2019 – 10th January, 2020.

Certificate Course under RUSA 2.0

on

“Practical Aspects of Quantum Chemical Calculations: Basic Concepts”

(25th December, 2019 – 10th January, 2020)



Venue: Department of Chemistry
Kurukshetra University
Kurukshetra

Topics to be covered

- Reproduction of Basic Molecular Mechanics and Quantum Chemistry
 - Prof. Neeta Goel (Punjab University, Chandigarh)
 - Prof. Sangeeta Sami (Kurukshetra University)
- Self Consistent Methods for Hartree Fock Calculations
 - Prof. Harjinder Singh Lalmi (IIT Hyderabad)
 - Prof. R. K. Moudgil (Kurukshetra University)
- Basic and advanced MO calculations
 - Prof. Sushil Nath Datta (IIT, Mumbai)
- Understanding Algorithms for Quantum Calculations
 - Prof. Debashree Ghosh (IACS, Kolkata)
- Electronic Correlation Methods & Concepts of Many-body correlation approach
 - Prof. Soumya Pal (IISER, Kolkata)
- Density Functional Theory
 - Prof. Swapan Kumar Ghosh (CBS, Mumbai)
- QM/MM Methods
 - Prof. Prasad V. Bharatam (NIPER, Mohali)
- Introduction to Gaussian
 - Prof. Chemi Prabhakar (NIT, Kurukshetra)
 - Gaussian Inc. Suite (New Delhi)

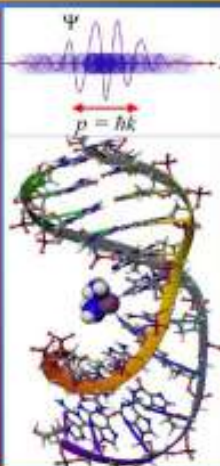


Photo Caption: Flyer of the course “Practical Aspects of Quantum Chemical Calculations: Basic Concepts” organised by Department of Chemistry, Kurukshetra University, Kurukshetra from 25th December, 2019 – 10th January, 2020 under RUSA 2.0

TEQIP-III (1.3) Sponsored

**One Week Faculty Development
Program
on
Entrepreneurship Development**

21-25 September, 2019

Organised by



Department of Computer Science & Applications
Kurukshetra University
Kurukshetra-136119

Venue

Department of Computer Science & Applications
Kurukshetra University
Kurukshetra

Coordinator(s)

Dr. Pardeep Kumar

Dr. Sanjay Tyagi

Department of Computer Science & Applications
Kurukshetra University, Kurukshetra

Technical Committee

Prof. R.K.Chauhan

Department of Computer Science & Applications
Kurukshetra University, Kurukshetra

Prof. Shuchita Upadhyaya

Department of Computer Science & Applications
Kurukshetra University, Kurukshetra

Prof. Rajender Nath

Department of Computer Science & Applications
Kurukshetra University, Kurukshetra

Prof. Rakesh Kumar

Department of Computer Science & Applications
Kurukshetra University, Kurukshetra

Organizing Committee

Dr. Chander Kant

Dr. Ramesh Kumar

Dr. Monika

Important Dates

Last date for registration : 19 September, 2019

Registration Fee

Delegates from Industry : Rs. 1000/-

Faculty/Researcher : Rs. 500/-

Research Scholar : Rs. 300/-

The registration fee can be submitted on the spot at the time of registration. There will be no registration fee for TEQIP sponsored departments / institutions.

**TEQIP-III (1.3) Sponsored
One Week Faculty Development
Program
on
Entrepreneurship Development**

21-25 September 2019

Registration Form

Send the duly filled following details to the following mail id:

pmittal@kuk.ac.in, tyagikuk@gmail.com

Name:.....

Designation:.....

Department:.....

Qualification:.....

Experience(in years):

Teaching:.....

Industry:.....

Organization:.....

Accommodation Required: YES/NO

Mailing Address:.....

Telephone(with code)

Office:.....

Mobile:.....

E-Mail:.....

Or

Browse the following link and fill the Google form to register for the FDP.

<https://forms.gle/njNVxou69cTNuu3BA>

About the University

Located in Kurukshetra, the land of the Bhagwadgita, Kurukshetra University is a premier institute of higher learning in India. It is spread over 470 acres of land on the south bank of the Holy Brahmarsarovar. Its foundation stone was laid on 11 January 1957 by Bharat Ratna Dr. Rajendra Prasad, the first President of the Indian Republic. Since then it has aimed at pursuing excellence in teaching and research in the field of science, technology, humanities, social sciences, performing arts and sports etc. Today, Kurukshetra University is offering world-class education to students from throughout India and other countries by providing a learning experience designed to develop intellectual abilities as well as social, moral and ethical values. The University is equipping its students with the skills, insights, attitudes and practical experiences that will enable them to become discerning citizens.

Department of Computer Science & Applications

Kurukshetra University has taken pioneering position in imparting training and education in the field of Computer Science & Applications. Kurukshetra University was the first to foresee the impact that computers would have on the 21st century. To give an impact to the vision and work on it, the university started imparting education in the field of computer science and application way back in 1981 by starting an UGC sponsored computer course and it was the first of its kind in the whole country. In the year 1981, the Department of Computer Science and Applications was established and Kurukshetra University was the first in the country to start a UGC supported one year MCA programme. This was replaced by a two year MCA programme from the academic year 1984-85 onwards. In December 1990, UGC sanctioned the proposal of Department of Computer Science & Applications to update the two-year MCA programme to three-year MCA programme and the same was launched in the session 1991-92. The

department had started two year M.Sc. (Computer software) w.e.f. academic session 1995-96, and M.Tech. in Computer Science & Engineering was also started w.e.f. academic session 1996-97. The department is providing a wide range of hardware and software facilities for students and faculty members under different platforms and processing environments. The department has now blossomed from a humble start in 1981 to a full-fledged education centre providing major courses like Ph.D., M. Tech., M.C.A. & M.Sc. (Comp. Sc.) S/W. Department can now boast of a faculty comprising of 14 faculty members, 05 Computer Labs equipped with state of the art technology and a placement cell providing job opportunities to students.

Major Facilities

The department is equipped with five computer labs. The total number of machines available are approximately 250 comprising of 4 IBM xeon servers, 120 thin clients and i7/i3/Core2 Duo/Dual Core/P-IV machines, Laser printers, network printers and software like ORACLE, Visual studio, Windows, Linux, etc.

The departmental library provides approximately 10,000 books (Text and reference) with a sitting capacity of 60 students.

Theme of Faculty Development Program

Creating a new scalable venture is a challenging and complex task. The road to entrepreneurial success is long, winding and strewn with pitfalls, obstacles and blind turns. The risks of starting a new business are high, as illustrated by the high failure rates for new ventures. However, as is always the case, the rewards, both financial and personal, are commensurate with the risk. This FDP helps participants understand the process, challenges, risks and rewards of starting up a new scalable venture so as to guide the new entrepreneurs to equip them with the tools required to start their own business, improve their chances of successfully starting their own business, generate and assess scalable business ideas, develop creative problem-solving skills required in entrepreneurial businesses, develop a business model and competitive strategy,

form and work successfully in a team, raise money from venture investors, and make a professional investor presentation.

Who Can Attend?

Faculty members/researchers from any department of Universities/Institutes/Colleges. **The number of seats are limited to 35 and will be on first come first serve basis.**

Resource Persons

Eminent speakers from reputed institutions/industries.

Accommodation

The accommodation may be made available on request. The accommodation charges will be borne by the participants.

For further enquiries and communication, Please contact:

Dr. Pardeep Kumar

Dr. Sanjay Tyagi

Co-ordinator(s)

Mobile :988668015, 9896161532

e-mail : pmittal@kuk.ac.in, tyagikuk@gmail.com



KURUKSHETRA UNIVERSITY KURUKSHETRA
(Established by the State Legislature Act XII of 1956)
("A+" Grade, NAAC Accredited)
DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS
FACULTY OF SCIENCE



ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON "ENTREPRENEURSHIP DEVELOPMENT"
FROM 21/9/2019 TO 25/9/2019
UNDER TEQIP-III (1.3) SPONSORSHIP



Faculty of Science, Kurukshetra University, Kurukshetra
TEQIP-III (1.3), Faculty Development Programme
Entrepreneurship Development
Organized by Department of Computer Science & Applications (21-25 September
2019)

List of Participants

Sr. No.	Name of the Participants	Designation	Institution & Address
1.	Mr. Rajesh Kumar	Assistant Professor in Computer Science	CRM Jat College, Hisar
2.	Dr. Kanwal Garg	Assistant Professor	DCSA, Kurukshetra University, Kurukshetra
3.	Mr. Gurvinder Singh	Assistant Professor in Physics	S.D. College, Ambala Cantt

4.	Dr. Krishan Kumar	Assistant Professor in Physics	S.D. College, Ambala Cantt
5.	Dr. Naresh Kumar	Assistant Professor in CSE	UIET, Kurukshetra University, Kurukshetra
6.	Dr. Pankaj Kumar	Assistant Professor in Computer Science	Govt. College, Chhachhrauli (YamunaNagar)
7.	Ms. Ankita	Research Scholar	DCSA, Kurukshetra University, Kurukshetra
8.	Ms. Jyoti Rani	Research Scholar	DCSA, Kurukshetra University, Kurukshetra
9.	Ms. Meenakshi Devi	Research Scholar	DCSA, Kurukshetra University, Kurukshetra
10.	Ms. Abha Narwal	Assistant Professor in Computer Science	Govt. College for Girls, Taraori (Karnal)
11.	Ms. Smita Sharma	Research Scholar	DCSA, Kurukshetra University, Kurukshetra
12.	Mr. Shant Kaushik	Assistant Professor in Computer Science	DAV College, Ambala City
13.	Dr. Vinod Kumar	Assistant Professor in Mathematics	Govt. College for Girls, Taraori (Karnal)
14.	Dr. Sukhbir Lal	Assistant Professor	Institute of Pharmaceutical Science, Kurukshetra University, Kurukshetra
15.	Dr. Ramesh Kait	Assistant Professor	DCSA, Kurukshetra University, Kurukshetra
16.	Dr. Monika	Assistant Professor	DCSA, Kurukshetra University, Kurukshetra
17.	Ms. Nidhi	Research Scholar	DCSA, Kurukshetra University, Kurukshetra
18.	Dr. G. Ponmeni	Assistant Professor	DDE, Kurukshetra University, Kurukshetra
19.	Dr. Chander Kant	Assistant Professor	DCSA, Kurukshetra University, Kurukshetra

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NATIONAL INSTITUTE OF DESIGN, HARYANA
Autonomous Institute under the DPIIT
Ministry of Commerce & Industry, Government of India
Government Polytechnic Building at Umri,
Kurukshetra, Haryana.

Ref. No. 670 Dated :- 20/08/19

Dear Prof. Ram Viranjan Ji

Subject: - To conduct screen printing activity in your department.

The National Institute of Design, Haryana (Kurukshetra) "NID-H" is a design school in Umri, Kurukshetra, India. The institute functions as an autonomous body under the Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, of the Government of India.

Reference a meeting of our faculty in Visual Communication Design Sh. Manpal Singh Setia and further discussion in detail with Dr. Rakesh Bani, Faculty of Fine Art Department, Kurukshetra on the subject mentioned above.

Visual Communication is conducting the course 'Introduction to Fieldwork' from 13th August to 23rd August 2019 for which we have invited Ms. Kavya Agrawal (Ahmedabad) as visiting faculty.

As per the course requirement, we look forward to conduct the Screen Printing session with collaboration with Kurukshetra University's Fine Art department on 21st August 2019 (Wednesday). Material list was also submitted last week.

We would be grateful for your kind support & guidance.


20/8/19

Prof. D S Kapoor
Officer on Special Duty,
National Institute of Design,
Kurukshetra

✓ Sh. Ram Viranjan (Chairman)
Department of Fine Arts
Kurukshetra University
Kurukshetra.


Chairman,
Department of Fine Art,
Kurukshetra University,
KURUKSHETRA-136119.

Dr. Bani

20/8/19

कुवि के संगीत विभाग में वसंत ऋतु उत्सव का होगा आयोजन



कुवि के संगीत एवं नृत्य विभाग में वसंत ऋतु के आगमन के उपलक्ष्य में हवन-पूजन करते शिक्षक।

जागरण संवाददाता, कुरुक्षेत्र : वसंत ऋतु के आगमन के उपलक्ष्य में शांति तथा मंगल कामना से शुक्रवार को संगीत एवं नृत्य विभाग में हवन-पूजन का आयोजन किया गया। इस अवसर पर विभागाध्यक्षा प्रो. शुचिस्मिता सहित विभाग के सभी शिक्षकों, गैर शिक्षकों, शोधार्थियों व विद्यार्थियों ने आहुतियां डाली। सभी ने विभाग की प्रगति तथा विभाग में

सद्भावना बनाए रखने हेतु संकल्प लिया। विभागाध्यक्षा ने बताया कि संगीत विभाग में शनिवार को प्रातः 10 बजे से बसंत कला उत्सव का आयोजन किया जाएगा जिसमें शास्त्रीय गायन, वादन तथा कथक नृत्य से संबंधित प्रस्तुतियां कार्यक्रम का विशेष आकर्षण रहेंगी। इस अवसर पर प्रो.शुचिस्मिता, डॉ. अशोक शर्मा, डॉ. हरविद्र सिंह उपस्थित थे।

Vasantotsav celebrated by Music department on 09-02-2019



Film making workshop by music department on 06-03-2019

फिल्म मेकिंग कार्यशाला का विद्यार्थियों ने उठाया लाभ



कुवि के संगीत एवं नृत्य विभाग में फिल्म मेकिंग कार्यशाला में भाग लेते विद्यार्थी • जागरण

जागरण संवाददाता, कुरुक्षेत्र : कुरुक्षेत्र विश्वविद्यालय के संगीत एवं नृत्य विभाग में मंगलवार को सभागार में फिल्म मेकिंग कार्यशाला का आयोजन किया गया। इस अवसर पर विभोर शर्मा रिसोर्स पर्सन के रूप में मौजूद रहे। संगीत एवं नृत्य विभागाध्यक्षा प्रो. शुचिस्मिता ने बताया कि विभोर शर्मा इसी विश्वविद्यालय के पूर्व छात्र हैं और एफटीआई पुणे से फिल्म मेकिंग का कोर्स किया है। वीडियो

एडिटिंग संगीत एवं नृत्य विभाग के एमपीए चौथे व पांचवें वर्ष के पाठ्यक्रम में शामिल है और फिल्म मेकिंग का ही हिस्सा है। विभोर शर्मा और उनकी टीम ने फिल्म मेकिंग पर विस्तार से प्रकाश डाला। कार्यशाला में देवराज सिरोहीवाल मुख्य अतिथि के रूप में मौजूद रहे। विभागाध्यक्षा प्रो. शुचिस्मिता शर्मा ने कहा कि वह वर्कशाप विभाग के विद्यार्थियों के लिए बहुत लाभदायक रही।

Film making workshop by music department on 06-03-2019



Janmashtmi celebration by department of Music on 23-08-2019



15 days Music Workshop organised by the department of Music from 01-06-2019 to 15-06-2019



15 days Music Workshop organised by the department of Music from 01-06-2019 to 15-06-2019

लोकनृत्य की बारीकियां सिखाई



कुदि के संगीत एवं नृत्य विभाग में चल रही संगीत कार्यशाला में नृत्य सिखती छात्राएं • जागरण

जागरण संवाददाता, कुरुक्षेत्र : कुरुक्षेत्र विश्वविद्यालय के संगीत एवं नृत्य विभाग में चल रही 15 दिवसीय संगीत कार्यशाला के आठवें दिन शनिवार को विद्यार्थियों को नृत्य की कक्षाओं के अंतर्गत शास्त्रीय व लोक नृत्य के विभिन्न पक्षों से अवगत करवाया गया। इसमें विभाग की तरफ से प्रशिक्षक सन्नी कुमार ने कथक नृत्य

के अंतर्गत विभिन्न तोड़े, टुकड़े थाट, आमद, तिहाई तथा राजस्थानी लोक नृत्य के अंतर्गत घूमर का प्रशिक्षण दिया। प्रशिक्षक सुरभि तथा वीर विकास ने कथक नृत्य में आमद, तोड़े, तिहाई, तत्कार तथा राजस्थानी, हरियाणवी व पंजाबी लोक संगीत तथा उप शास्त्रीय संगीत के बारीकियों से अवगत करवाया।

विद्यार्थियों ने दी मनमोहक प्रस्तुतियां



कुवि के संगीत विभाग में आयोजित कार्यशाला में बच्चों को प्रमाण पत्र सौंपती निदेशक डॉ. ऋचा तंवर व अन्य = जागरण

जागरण संवाददाता, कुरुक्षेत्र : कुरुक्षेत्र विश्वविद्यालय के महिला शोध संस्थान की निदेशक डॉ. ऋचा तंवर ने कहा कि आजकल के बच्चे प्रतिभा के धनी हैं। इन्हें तराशने की जरूरत है। अच्छी शिक्षा मिलने पर यह अपने लक्ष्य तक बहुत जल्द पहुंच जाते हैं। यह शनिवार को कुवि के संगीत एवं नृत्य विभाग में 15 दिवसीय संगीत कार्यशाला के समापन अवसर पर बतौर मुख्यतिथि संबोधित कर रही थीं। उन्होंने कहा कि 15 दिवसीय इस कार्यशाला में हिस्सा लेने वाले सभी प्रतिभागी एक कुशल कलाकार की तरह प्रस्तुति दे रहे हैं। कार्यशाला के समापन अवसर पर प्रतिभागियों ने विभिन्न मनमोहक प्रस्तुतियां दी हैं।

संगीत एवं नृत्य विभाग की विभागाध्यक्ष तथा प्राच्य विद्या संकाय की अधिष्ठाता प्रो. शुचिस्मिता ने कहा कि इस कार्यशाला का आयोजन बच्चों में संगीत की अभिरुचि को अभिव्यक्ति प्रदान करने तथा उनमें सद्गुणों के विकास हेतु किया गया है। प्रतिभागियों को सबसे पहले डॉ. पुरुषोत्तम तथा डॉ. संजीव द्वारा निर्देशित वाद्य वृंद की सुंदर प्रस्तुति दी गई। इसके बाद डॉ. मुनीष द्वारा निर्देशित वृंद गायन की प्रस्तुति के अंतर्गत विभिन्न दोहों तथा देश भक्ति गीत की प्रस्तुति ने सभी श्रोताओं को मंत्रमुग्ध कर दिया।

डॉ. सुशील द्वारा निर्देशित युगल पंजाबी लोकगीत की सुंदर प्रस्तुति पर भी विद्यार्थियों ने श्रोताओं की खूब तालियां

बटोरी। नृत्य की प्रस्तुतियों के अंतर्गत विद्यार्थियों ने विभाग की तरफ से नृत्य प्रशिक्षक वीर विकास तथा प्रशिक्षिका सुरभि द्वारा निर्देशित उग्र शास्त्रीय नृत्य का भावपूर्ण प्रस्तुतिकरण किया। इसके पश्चात विभाग की तरफ से कल्पक नृत्य के प्रशिक्षक अरविंद भट्ट तथा सन्नी के द्वारा निर्देशित कल्पक नृत्य की प्रस्तुति के अंतर्गत विद्यार्थियों द्वारा आमद, तोड़े व तिहाई का सुंदर तथा कुशल प्रस्तुतिकरण किया गया। इस मौके पर यूनिवर्सिटी सीनियर मॉडल स्कूल की प्रधानाचार्या डॉ. प्रेमिला बत्रा, कला विभाग के अध्यक्ष डॉ. राम विरंजन, डॉ. पुरुषोत्तम, डॉ. संजीव, डॉ. अशोक शर्मा मौजूद रहे।

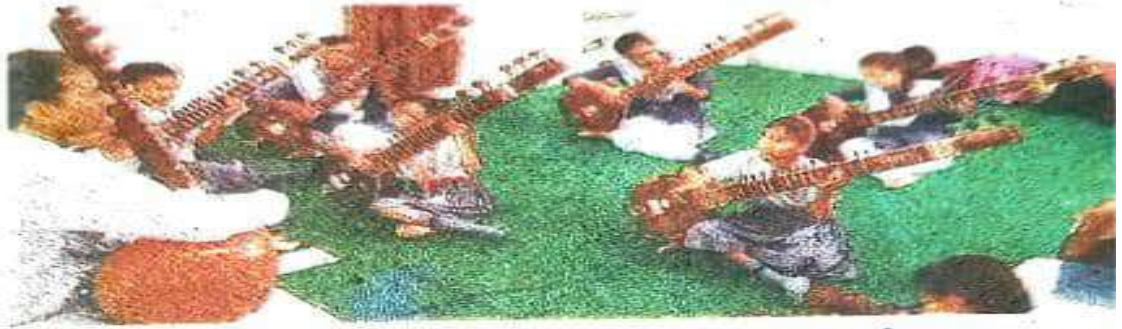
15-06-2019

15-06-2019

युवा जागरण



संगीत एवं नृत्य विभाग में चल रही कार्यशाला में सितार की धूम



कुवि के संगीत एवं नृत्य विभाग में चल रही कार्यशाला में सितार का अभ्यास करती छात्राएं • जागरण

जागरण संवाददाता, कुरुक्षेत्र : कुरुक्षेत्र विश्वविद्यालय के संगीत एवं नृत्य विभाग में चल रही 15 दिवसीय कार्यशाला के 14वें दिन सितार की धूम रही। विद्यार्थियों ने सितार जैसे मुश्किल वाद्य पर सितार के मूलभूत अलंकारों का जमकर अभ्यास किया। डॉ. पुरुषोत्तम कुमार और डॉ. संजीव शर्मा विद्यार्थियों को सितार का प्रशिक्षण दे रहे हैं और सभी विद्यार्थी सितार सीखने में बढ़-चढ़कर भाग ले रहे हैं। विद्यालय स्तर के विद्यार्थियों के लिए सितार सीखना अत्यंत कठिन कार्य है। फिर भी विद्यार्थी इस वाद्य के प्रति

आकर्षित हुए और कठोर अभ्यास करके सितार बजा रहे हैं।

सितार पर अलंकार, बंदिश और झाला सहजता से बजा रहे हैं। 15 जून को इस कार्यशाला का समापन होना है, जिसके लिए सभी विद्यार्थी मन लगाकर मेहनत कर रहे हैं। विभागाध्यक्षा प्रो. शुचिस्मिता शर्मा ने बताया कि इस कार्यशाला के माध्यम से विद्यार्थियों में सांगीतिक संस्कार आए हैं। संगीत एवं नृत्य विभाग का यही उद्देश्य है कि समाज में संगीत का प्रचार प्रसार हो और हर विद्यार्थी संगीत कला की ओर उन्मुख हो।

3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development & quality issues during the last five years (2017-18, 2018-19, 2019-20, 2020-21, 2021-22)

Year	Name of the workshop/ seminar	Specify Area	Level: University/State/National/Int.	Number of Participants	Date From - To	Date of establishment of IPR cell
2017-18						
2017	Tourism Education and Skill Development in India: Prognosis and Prospects	Skill Development	National	50	18-03-2017	
2017	Parvatan Parv - Tourist Sensitivity Training	Skill Development	Local	80	5-25 October 2017	
2017	HERITAGE AND SPIRITUAL WALK	Entrepreneurship	University	40	3rd November 2017	
2018-19						
2019-20						
2020	"WORKSHOP ON INDIAN CURRIES AND BIRYANI" BY CHEF ANIL FROM HOTEL PARK PLAZA, CHANDIGARH 08 April, 2020	Food Production	University	120	17 February	
2020	"Stress free life through Bhagwadgita in times of Corona"	Life Skill Development	Regional	210	19.05.2020	
2020	"CULINARY WORKSHOP ON VEGAN FOOD IN COLLABRATION WITH HUMANE SOCIETY INTERNATIONAL" ON 30th - 31st JULY, 2020	Food Production	University	70	30-31 July	
2021-22						

Dr. Anil
 CHAIRMAN
 Institute of Hotel Management
 Chandigarh



KURUKSHETRA UNIVERSITY,

CORPORATE RESOURCE CENTRE (CRC-RUSA 2.0) online lecture series on
Life skills to face COVID 19 Challenges

CRC in collaboration with Faculty of Indic Studies announces the talk by



*Swami Gyanandji Maharaj on, "कोरोना खंड में गीता द्वारा तनाव मुक्त जीवन /
Stress free life through Bhagwadgita in times of Corona"* at 10:00 am on 19.5.2020 through
Microsoft teams.

Welcome note by Prof Manjula Chaudhary, DAA KUK
Inaugural note by Dr. Nita Khanna, VC KUK
Moderators Prof Vibha Aggrawal, Director IIS
Dr Surjeet Kumar, Dept of Tourism and Hotel Management

The meet can be joined at following link;

https://teams.microsoft.com/l/meetup-join/19%3ameeting_NzEzMWVjNWVtN2IwOS00OTE4LWExYzUtNGUyZjFjZTA3Zjhh%40t%20?context=%7b%22Tid%22%3a%22173a253d-1408-45f8-94cf-cdf6054c53f6%22%2c%22Oid%22%3a%22de3b8261-9bf5-4f03-9cd9-claea7db55fe%22%2c%22IsBroadcastMeeting%22%3atrue%22%7d

Instructions to join webinar:

For Mobile/Tablet:

Download Microsoft Team Application on your Mobile/Tablet from Play Store/App Store for Android/IOS respectively. After that Click on the link provided to you & join webinar as Guest. Enter your name if asked. Done.

For Laptop/Desktop:

Open the link in the web browser. Select watch on web Instead option. In web browser there will be two then options sign in or join anonymously. Click on join anonymously; enter your name if asked. Done

Please contact following for any clarification:

Programme Convener

Prof Mohinder Chand, Coordinator CRC
8307501548

Programme Convener

Dr Surjeet Kumar, Member CRC
9896248189

CHAIRMAN,
Dept. of Tourism and Hotel Management
Kurukshetra University, Kurukshetra.



**Department of Tourism and Hotel Mgt.,
Kurukshetra University, Kurukshetra**
A+ Grade, NAAC Accredited

is organizing a 2-day webinar on

Basics of Plant-Based Culinary Arts

In collaboration with



**HUMANE SOCIETY
INTERNATIONAL**
INDIA

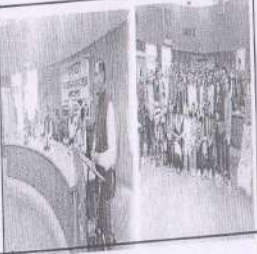






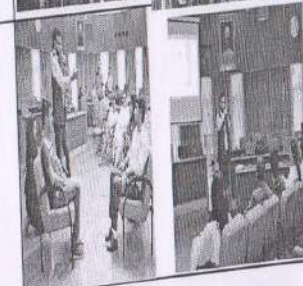
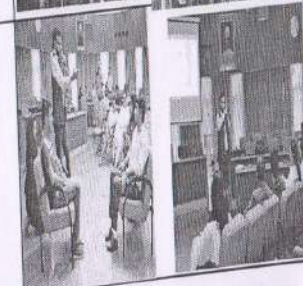
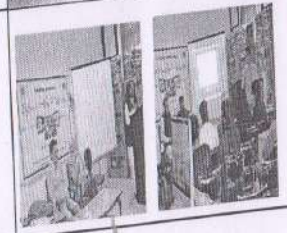
M. K. Singh
CHAIRMAN
Deptt. of Tourism & Hotel Management


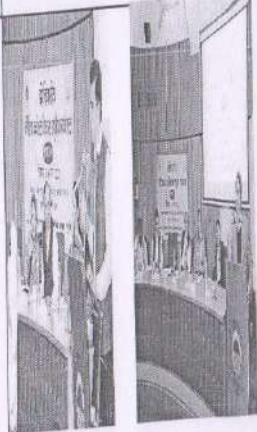
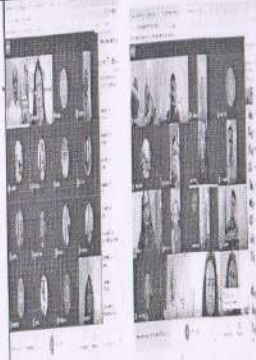
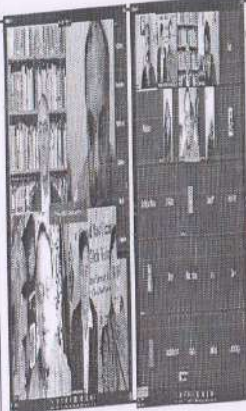
On 30th and 31st July, 2020 on Zoom app.

Register to join!

Activities and lectures organised by Institute of Mass Communication from 2019-2020

2017	One week workshop on Patrakarita Karyashala Karyakaram	Writing, Reporting and Broadcasting	State level	70	11.02.2017 to 17.02.2017	
2018-19						
2018	One week workshop on Patrakarita Karyashala Karyakaram	Writing, Reporting and Broadcasting	State level	50	12.02.2018 to 18.02.2018	
2018	One day workshop on skill development	Skill development	University level	70	23.04.2018	
2019-20						
2018	One day University Packaging Industries Interaction programme		University level	50	01.02.2019	
2019	One day workshop on Digital Literacy	Digital Media Skill	University level	50	16.02.2019	

2019	2 Day Orientation and Induction programme	Skills for media industry	University level	100	26.07.2019 & 27.07.2019	
2019	Syllabus Design Workshop for B.Sc. (Printing & Packaging Technology)	Curriculum development	University level	10	22.08.2019	
2019	A One Day Workshop Web Production	Web production	University level	50	19.10.2019	
2019	Two day Art Exhibition	Art exhibition	University level	100	3.10.19 & 4.10.19	
2019	one day workshop on International Reporting and Mobile Journalism.	International reporting	University level	50	04.10.2019	
2019	Two day programme on Radio Production	Radio production	University level		15.10.19 & 16.10.19	

	Two day workshop on Video Editing	video editing	University level	30	24 & 25.01.2019	
2020-21						
2020	Workshop on media skill development for media students of Haryana	Writing, Reporting, Digital Media, Television Production, Radio production, multimedia	State level	50	05.03.2020 & 06.03.2020	
2020	Three week refresher course for media educators	Skill development, media education, digital media, media research, ethical issues in media	National Level	53	August 5 to 20, 2020	
2021-22						
2021	International Gita seminar on Vishwaguru bahrat lessons from Bhagvad Gita A Multi disciplinary approach	Communication international		50	09.12.21 to 11.12.21	

No./IMC/19/...

Dated.....



Subject: To organize two day orientation programme for Media Students

It is submitted that the Institute is running media courses in different streams to tune the students for media courses Institute has planned to organize a two day orientation programme for newly enrolled students. The main focus of the orientation programme is to apprise the students about the media industry & related dimensions like politics, democracy, economy, environment, society & culture. The purpose of the programme is to help the students to feel affiliated to the industry and the courses being thought. It is pertinent to mention here that the Institute is organizing such type of orientation programme first time. In this programme some eminent media professionals and academicians will deliver lecture on different topics. The programme shall be scheduled on July 26-27, 2019 (copy of schedule is enclosed as per Flag-A).

Office
4208-C
9-7-19

The expenditure on this programme will be as follows:

- Remuneration for delivering the lectures to Experts =Rs.10,000/- ✓
- TA/DA to the experts from Delhi & Chandigarh =Rs.15,000/- ✓
- Hospitality Charges =Rs.05000/- ✓
- Total =Rs.30,000/-

The expenditure will be met from the budget head 758.002 Training, Exhibition, Workshop & Seminar (SFS). The temporary advance for smooth conduct of the programme may also be released.

The above proposal is submitted for approval and sanction please.

Ashok Sharma
Coordinator
Orientation Programme
8/7/19

DIRECTOR
B Sharma
8/7/19

Vice-Chancellor

Registrar

INSTITUTE OF MASS COMMUNICATION AND MEDIA TECHNOLOGY
KURUKSHETRA UNIVERSITY, KURUKSHETRA-136119 (INDIA)
(Established by State Legislature Act XII of 1956)
(*A+* grade NAAC accredited)

No./IMC&MT/19/

Dated

Sub : One Day Syllabus Design workshop for B.Sc.(P&P Technology).

It is submitted that Institute has started a new course B.Sc.(Printing & Packaging technology) from academic session 2019-20. In this regard, the syllabus prepared by the faculty needs to be reviewed by the academicians and industrial professionals. Institute is going to organize a workshop to develop the syllabus in the 4th week of August 2019. The various academicians and industrialist from Haryana, Punjab, Delhi and Himachal Pradesh are invited to discuss and review the syllabus as per present industrial requirements.

The names of the experts are proposed for the same are as follows:-

- 1) Prof. Anbrish Pandey, Department of printing technology, GIJS&T, HISAR
- 2) Dr. Arohit Goyat, Chairperson, Department of printing Technology, HISAR.
- 3) Sh. Kamal Chopra, Foreign relation coordinator, All India Federation of Master Printers, New Delhi.
- 4) Sh. Surinder Jain, President, HPCBMA, H.P.
- 5) Sh. Rajiv Gulati, CEO, Packwell containers, Yamuna Nagar, Haryana

You are requested to allow for the journey of the experts at sr.no.1 and 3 by their own car/Taxi and further allow for the total expenditure of Rs. 10,000. The expenditure will met out from budget head 758.02 (758.002) Training, Exhibition, Workshop & Seminar) SFS allocated for session 2019-20 for the TA/DA, lunch and refreshment.

Submitted for approval, please.

Bhuma
Director 7/8/19

Vice-Chancellor

Registrar
8/8/19

Manoj
9/8/19

F.O.

4695-F
7/8/19

u.s.s.o.c
9.8.19

X

Ref:- Orders of the Registrar at Kurukshetra dated 22.08.2019

It is submitted that the Institute organized a One day Syllabus Design Workshop for B.Sc. (Printing Packaging Technology) on 22.08.2019. The Institute has paid TA/DA to resource person, refreshment/lunch & other expenditure is as under:-

NO: 1010/19/826
Dated: 05/9/19

ACCOUNTS BRANCH MANU
K.U. KURUKSHETRA
06 SEP 2019
Diary No. 3512

Sr. No.	Name of the Person/Firm & Address	Bill No. & Date	TA/DA	Amount
01.	M/s Suvridha Gift House, Opp. Sec.-17, Near Bhola Hospital, Railway Road, Kurukshetra	806 dated 21.08.2019		2500/-
02.	Golden Sweets, Opp. Chhota Railway Station, Thanesar, Kurukshetra	810 dated 22.08.2019		220/-
03.	Jagdeish Book Depot, Birla Mandir Chowk, Kurukshetra	2439 dated 22.08.2019		139/-
04.	T.H.K. Offset Printers, Shop No. 6, Baba Sharyan Nath Market, Near Birla Mandir Chowk, Kurukshetra	946 dated 30.08.2019		212/-
05.	University Guest House, KUK	18745 dated 31.08.2019		1400/-
06.	Prof. Ambrish Pandey, Deptt of Printing Technology, GJUS&T, Hisar	22.08.2019	5275/-	5275/-
			TOTAL	9746/-

Keeping in view, Finance Officer may kindly be requested to allow the above expenditure of Rs. 9746/- from the budget head 758.002-Training, Exhibition, Workshop & Seminar (SFS) 2019-20

Pailla
21-10-19

[Signature]
Steno

Director

[Signature]
5/9/19

Finance Officer

Amrith Sandeep 11/9/19

SA-2

3-7-19



KURUKSHETRA UNIVERSITY, KURUKSHETRA

(Established by the State Legislature Act XII of 1956)
(A+ Grade, NAAC Accredited)

NO.IMC&MT/19/_____

Dated:- _____

Sub:-Approval for organizing Two-day art exhibition on 3 and 4 October, 2019.

Art Production and designing is one of the important components of the graphics and animation course run by the Institute. In order to provide hands on experience to the students and provide a perfect platform for the budding artist of the institute, organized a two-day art exhibition for students of Multimedia, Graphics & Animation & Mass Communication on Dated 3 and 4 October, 2019.

You are requested to give permission to conduct this exhibition and sanction the amount from budget head 8.001 K,U.KNewsBulletin&T.V/RadioProduction2019-20.

Director

Coordinator



-/-

KURUKSHETRA UNIVERSITY, KURUKSHETRA

(Established by the State Legislature Act XII of 1956)
(A+ Grade, NAAC Accredited)

NO.IMC&MT/19/_____
Dated:-_____

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You are requested to give permission to conduct this exhibition and sanction the amount from budget head 8.001 K.U.KNewsBulletin&T.V/RadioProduction2019-20.

Director

Coordinator

Technology, KUK at ...
actual expenditure of Rs.7103/- out of the dept. budget ...
718.001- K.U. News Bulletin & TV/Radio Production(SFS)
incurred on account of organizing the Two Days Art Exhibition on
3-4th October, 2019, the observation of the Account Branch at
the same page bottom and reply submitted by the Director, IMC
at NP-3 ante may kindly be perused.

From perusal of the note, it is found that the dept.
has organized Two Days Art Exhibition on 3-4th October, 2019
at their own level without getting prior approval of the competent
authority and an actual expenditure of Rs.7103/- was incurred on
Art Exhibition but the payment ^{against} ~~against~~ the bills submitted by the
supplier (placed below) is still pending.

In view of above, the request marked at 'X' at
NP-3 ante may be placed before the Vice-Chancellor for kind
consideration and Ex-post facto approval, please.

0-3-2020
Diary No.

A-11
27-2-20
V. S. ...

Supdt. (Account-II)

A. S. Ranu
28-2-20

Sandeep
5/3/20

A. S. Ranu

F.O.

H. S. Baang
10/3/20

Registrar

U. S. ...
11/3/2020

Vc.

12/3/2020

Registrar
U. S. ...
14/3/2020

F.O.

Am ...
12/3



KURUKSHETRA UNIVERSITY, KURUKSHETRA

(Established by the State Legislature Act XII of 1956)

INSTITUTE OF MASS COMMUNICATION & MEDIA TECHNOLOGY

No./IMC/19/.....554

Dated.....28 July 2019

Subject: To organize two day orientation programme for Media Students


It is submitted that the Institute is running media courses in different streams. To tune the students for media courses Institute has planned to organize a two day orientation programme for newly enrolled students. The main focus of this orientation programme is to apprise the students about the media industry & its related dimensions like politics, democracy, economy, environment, society & culture. The purpose of the programme is to help the students to feel affiliated to the industry and the courses being thought. It is pertinent to mention here that the Institute is organizing such type of orientation programme first time. In this programme some eminent media professionals and academicians will deliver lectures on different topics. The programme shall be scheduled on July 26-27, 2019 (copy of schedule is enclosed as per Flag-A).

The expenditure on this programme will be as follows:

Remuneration for delivering the lectures to Experts	=Rs.10,000/- ✓
TA/DA to the experts from Delhi & Chandigarh	=Rs.15,000/- ✓
Hospitality Charges	=Rs.05000/- ✓
Total	= Rs.30,000/-

The expenditure will be met from the budget head 758.002 Training, Exhibition, Workshop & Seminar (SFS). The temporary advance for smooth conduct of the programme may also be released.

The above proposal is submitted for approval and sanction please.


Ashok Sharma
Coordinator
Orientation Programme

2
8/7/19

3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development & quality issues during the last five years (2017-18, 2018-19, 2019-20, 2020-21, 2021-22)

Year	Name of the workshop/ seminar	Specify Area	Level: University/State/National/Int.	Number of Participants	Date From - To	Date of establishment of IPR cell
2017-18						
2018-19						
2018	"Social Harmony and Nation Building: perspectives of Dr. B.R.Ambedkar"		National	250	15th & 16th November, 2018	
2019-20						
2019	Dr. Ambedkar's vision of Socio-Economic Transformation		International	250	7th-8th November, 2019	
2019	Thought of Dr. B. R. Ambedkar		National	many Students	12/04/2019	
2020-21						
2020	Dr. Ambedkar : Everyone's Inspiration		National		17/07/2020	
2020	Dr. Ambedkar: The Chief Architect of Indian Constitution		National	170	26/11/2020	
2021-22						
2021	Dr. Ambedkar and Indian Democracy		National	220	26/11/2021	
2022	Sant Ravidas Jyanti		University	220	15/02/2022	
2022	Dr. Ambedkar Jyanti		University	170	13/04/2022	


Assistant Director
Centre for Dr. B.R. Ambedkar Studies
K.U. Kurukshetra-136119

- 3.3.2 Number of workshop/seminars conducted on Research methodology, Intellectual Property Rights (IPR), Entrepreneurship, Skill Development and Quality Issues during the last five years (2017-18, 2018-19, 2019-20, 2020-21 & 2021-211)

Data Required : As per table given below

Name of the Workshop/seminar	Specify Area	Level: University/State/National/Int.	Number of Participants	Date From -To	
2017-18					
*****No TEQIP awarded in this FN Year*****					
2018-19					
*****No TEQIP awarded in this FN Year*****					
2019-20					
1	Research Methodology and Collaboration	Department of Atomic Energy, GOI/ Research in Engg. Subjects	National	26	14.12.2019
2	VLSI Design	Electronics & Communications	National	34	14-16.11.2019
3	Nanoscience & Nanotechnology	Electronics & Nanotechnology	National	80	19-24.08.2019
4	Entrepreneurship Development	Management	National	21	21-25.09.2019
5	Outcome based Education and NBA Accreditation	--	National	18	04-08.11.2019
2020-21					
1	"Transforming the Society through Digital and IOT technology"	Electronics/IOT	National	35	05.09.2020
2	"Intellectual Property Rights (IPR)"	IPR	University	40	12-14.03.2021
3	"Advances in Biometric Security and Image Processing"	Computer Science	University	40	15-19.03.2021
2021-22					
Nil					

Document Attached:

1. Brochure with date and captions.
2. Observer Report for the concerned activity.


 Project Coordinator
 TEQIP-III World Bank Project
 Faculty of Science KUJ 150119

Workshop on
**RESEARCH METHODOLOGY
& COLLABORATION**

14th December 2019 | Faculty Lounge

By Department of Instrumentation

Sponsored by : TEQIP-III (1.3) World Bank Project Faculty of Science

KURUKSHETRA UNIVERSITY, KURUKSHETRA


Project Coordinator
TEQIP-III(1.3) World Bank Project
Faculty of Science KUK 130119

ELECTRONIC SCIENCE DEPARTMENT
KURUKSHETRA UNIVERSITY KURUKSHETRA

No. ELS/2019-5033
Dated: 29.11.19

Sub: Proceeding of the workshop on VLSI Design (Three days) was held on
14-16 Nov 19.

The department of Electronic Science organized a workshop on VLSI Design (three days) from 14-16 Nov 19. The FDP was organized smoothly and the list of Speakers/Experts and participants is attached herewith for your information. The final expenditure details towards this FDP are as under :-

(i)	TA and honorarium for speakers	= Rs 84270/-
(ii)	Refreshment including all meals	= Rs 36160/-
(iii)	Accommodation	= Rs 2250/-
(iv)	Contingency	= Rs 53630/-
(v)	Coordinator Remuneration	= Rs 6000/-
(vi)	Remuneration for Accounts Clerk & Peon	= Rs 5000/-
Total Expenditure of the FDP		= Rs 1,87,310/-

An advance of Rs 40,000/- was drawn for FDP out of which the bills of Rs 40,000/- were paid out to various firms. These detail of bills are mentioned and attached.

An amount of Rs 4700/- was received as registration fee (details attached) and the same has been deposited in TEQIP account (receipt of SBI bank dt 19 Nov 19 attached).

[Signature]
Chairman, 28/11/19
Electronic Science Dep.
Kurukshetra University
Kurukshetra-132119

Co-ordinator, TEQIP-III (1.3) Reg. office for further w/a.
Process for PT 15
Internal Audit 29/11/19

Total Expenditure has been incurred
Rs. 1,80,530/- on above mentioned workshop.



[Signature]
Project Coordinator
TEQIP-III(1.3) World Bank Project
Faculty of Science KUK 136119

TEQIP-III (1.3) Sponsored

National Workshop
on
VLSI Design

14-16, November 2019

Organised by



Department of Electronic Science
Kurukshetra University
Kurukshetra-136119

Venue

Department of Electronic Science
Kurukshetra University, Kurukshetra

Chief Patron

Prof. Kailash Chandra Sharma
Vice-Chancellor, Kurukshetra University,
Kurukshetra

Patron

Prof. Suresh Kumar, Chairman
Electronic Science Department
Kurukshetra University, Kurukshetra

Coordinator

Prof. Anil Vohra
Electronic Science Department
Kurukshetra University, Kurukshetra

Technical Committee

Prof. B. Prasad
Electronic Science Department
Kurukshetra University, Kurukshetra

Prof. Anurekha Sharma

Electronic Science Department
Kurukshetra University, Kurukshetra

Dr. Mukesh Kumar

Electronic Science Department
Kurukshetra University, Kurukshetra

Dr. Virender Singh Kundu

Electronic Science Department
Kurukshetra University, Kurukshetra

Organizing Committee

Dr. Ruchi Gupta
Mr. Anil Kumar

Important Dates

Last date for registration : 07 November, 2019

Registration Fee

Delegates from Industry : Rs. 1000/-
Faculty/Researcher : Rs. 500/-
Research Scholar : Rs. 300/-

The registration fee can be submitted on the spot at the time of registration. There will be no registration fee for TEQIP sponsored departments/institutions.

TEQIP-III (1.3) Sponsored

National Workshop
on
VLSI Design

14-16 November 2019

Registration Form

Send the duly filled form or the following details to the mail id:
anilvohra@kuk.ac.in

Name:.....

Designation:.....

Department:.....

Qualification:.....

Experience(in years):

Teaching:.....

Industry:.....

Organization:.....

Accommodation Required: YES/NO

Mailing Address:.....

Telephone(with code)

(Office):.....

(R)/Mobile:.....

Email:.....


Project Coordinator
TEQIP-III(1.3) World Bank Project
Faculty of Science KUK 136119

About the University

Located in Kurukshetra, the land of the Bhagwadgita, Kurukshetra University is a premier institute of higher learning in India. It is spread over 470 acres of land on the west bank of the Holy Brahmavar. Its foundation stone was laid on 11 January 1957 by Bharat Ratna Dr. Rajendra Prasad, the first President of the Indian Republic. Since then it has aimed at pursuing excellence in teaching and research in the field of science, technology, humanities, social sciences, performing arts and sports etc. Today, Kurukshetra University is offering world-class education to students from throughout India and other countries by providing a learning experience designed to develop intellectual abilities as well as social, moral and ethical values. The University is equipping its students with the skills, insights, attitudes and practical experiences that will enable them to become discerning citizens.

Department of Electronic Science

The Department of Electronic Science was established as one of the departments of Kurukshetra University by funding through Ministry of Electronics and Information Technology (MEITY), formerly Department of Electronics (DOE) in 1990. This Department is running a four semester M.Sc. course in Electronic Science since 1990 with the aim of generating specially trained manpower in the highly sophisticated field of microelectronics, integrated circuit design, fabrication and semiconductor material technology. M.Tech. Course in Microelectronics & VLSI Design was started in 2004 and M.Tech. Course in Nano Science & Technology was started in 2008. All of these courses are job oriented with provision for project work and industrial training.

The department has established active collaboration with a number of national

laboratories. Joint research activities are undertaken with National Physical Laboratory, Delhi, Central Electronics Engineering Research Institute (CEERI), Pilani, Semiconductor Complex Limited (SCL), Mohali and Central Scientific Instrument Organization (CSIO), Chandigarh etc. A number of research scholars are working in areas related to physics and technology of integrated circuits, devices, nanomaterials and simulation.

Major Facilities

The major facilities related to design, simulation and characterisation tools in the department are Cadence, Silvaco T-CAD Suite, Coventorware, Intellisuite, Comsol, Medea, X-Ray Diffraction, Atomic Force Microscopy, UV-Vis Spectroscopy, Surface Profilometer, Particle Size Analyser and Ellipsometer.

In India, there is a strong demand for such trained manpower in the area of micro-electronics and VLSI design.

The CAD Tools available in the department are the State-of-the-art and can provide training as per the Industrial standards.

Theme of the Workshop

The Electronic Science Department is running two PG Programs in the area of Microelectronic & VLSI design. The Micro-electronics and VLSI design are the main areas of research and training aimed towards IC fabrication. The training in these areas helps the students to seek jobs in these highly specialized areas.

These fields have been impacting the human lives and the society as well the other fields of work like automobiles, medicine, energy etc., by providing technological solutions at all levels. By attending this workshop, the teachers, researchers and

students will be benefitted by knowing the latest happenings in these fields.

Who Can Attend?

The contents of the workshop are well suited for the faculty members/researchers/students working in the area of Electronics in Universities / Institutes /Colleges /Industries.

The number of seats are limited to 40 and will be allotted on first come first serve basis.

Resource Persons

Eminent speakers from reputed institutions/industries are being invited to deliver lectures and to hold lab sessions during the workshop.

Accommodation

The accommodation may be made available on request. The accommodation charges will be borne by the participants.

For further enquiries and communication, Please contact:

Prof. Anil Vohra
Co-ordinator
Mobile :9355222388
e-mail : anilvohra@kuk.ac.in


Project Coordinator
TEQIP-III(1.3) World Bank Project
Faculty of Science KUK 130119

ELECTRONIC SCIENCE DEPARTMENT
KURUKSHETRA UNIVERSITY, KURUKSHETRA

NO.ELS/2019/4845

DATE 10/07/19

Sub: Proceeding of the workshop on Faculty Development Programme on "Nanoscience & Nanotechnology" (One Week) was held on 19-24 Aug 2019.

The department of Electronic Science organized a Faculty Development Programme on "Nanoscience & Nanotechnology" (One Week) from 19-24 Aug 2019. The FDP was organized smoothly and the list of Speakers-Expert and participants is attached herewith for your information. The final expenditure details towards this FDP are as under:

(i)	Remuneration of the invited speaker/expert	= Rs 94,500/- (Annex I)
(ii)	TA/DA for speakers including taxi charges	= Rs 1,75,055/- (Annex I & II)
(iii)	Refreshment including all meals	= Rs 1,52,550/- (Annex III)
(iv)	Accommodation	= Rs 8,250/- (Annex III)
(v)	Contingency	= Rs 95,997/- (Annex III)
(vi)	Coordinator/Co-coordinator Remuneration	= Rs 6,000/-
(vii)	Remuneration for Accounts Clerk & peon	= Rs 5000/- (Annex III)
	Total Expenditure of the FDP	= Rs 5,37,262/-

An advance for Rs 50,000/- was drawn for FDP out of which the bills of Rs 49821/- paid out to various firms. The these detail of bills are mentioned and attached at Annex III. The balance amount of Rs 179/- deposited in TEQIP account.

An amount of Rs 7400/- received as registration fee (details attached) and the same has been deposited in TEQIP account.

[Signature]
9/9/19
Chairman

Co-ordinator, TEQIP-III (1.3)

TEQIP office for further w/a. Present
the Audit by Internal Auditor *[Signature]*
10/9/19

Total Expenditure has been incurred
Rs. 479631/- on above mentioned workshop.



[Signature]
Project Coordinator
TEQIP-III(1.3) World Bank Project
Faculty of Science KUK 135119

TEQIP-III (1.3) Sponsored
One Week Faculty Development
Program
on
Nanoscience and Nanotechnology
19-24 August, 2019

Organised by



Department of Electronic Science
Kurukshetra University
Kurukshetra-136119

Venue

Department of Electronic Science
Kurukshetra University, Kurukshetra

Chairman

Prof. Kailash Chandra Sharma
Vice-Chancellor, Kurukshetra University,
Kurukshetra

Coordinator

Prof. Suresh Kumar
Electronic Science Department
Kurukshetra University, Kurukshetra

Co-coordinator

Dr. Virender Singh Kundu
Electronic Science Department
Kurukshetra University, Kurukshetra

Technical Advisors

Prof. Anil Vohra
Electronic Science Department
Kurukshetra University, Kurukshetra

Prof. B. Prasad

Electronic Science Department
Kurukshetra University, Kurukshetra

Prof. Anurekha Sharma

Electronic Science Department
Kurukshetra University, Kurukshetra

Local Organizing Committee

Dr. Mukesh Kumar
Dr. Ruchi Gupta
Mr. Anil Kumar

Important Dates

Last date for registration : 17 August, 2019

Registration Fee

Delegates from Industry : Rs. 1000/-
Faculty/Researcher : Rs. 500/-
Research Scholar : Rs. 300/-

The registration fee can be submitted on the spot at the time of registration. There will be no registration fee for TEQIP sponsored departments/institutions.

TEQIP-III (1.3) Sponsored
One Week Faculty Development
Program
on
Nanoscience and Nanotechnology
19-24 August 2019

Registration Form

Send the duly filled following details to the following mail id:
fdpnanotech@gmail.com, kumars@kuk.ac.in

Name:.....

Designation:.....

Department:.....

Qualification:.....

Experience(in years):

Teaching:.....

Industry:.....

Organization:.....

Accommodation Required: YES/NO

Mailing Address:.....

Telephone(with code)

(Office):.....

(R)/Mobile:.....

Email:.....

Or

Browse the following link and fill the google form to register for the FDP.

<https://forms.gle/uxwXMWqD9EvUikJEa>

Project Coordinator
TEQIP-III(1.3) World Bank Project
Faculty of Science KU: 136119

ABOUT THE UNIVERSITY

Located in Kurukshetra, the land of the Bhagwadgita, Kurukshetra University is a premier institute of higher learning in India. It is spread over 470 acres of land on the south bank of the Holy Brahmisarovar. Its foundation stone was laid on 11 January 1957 by Bharat Ratna Dr. Rajendra Prasad, the first President of the Indian Republic. Since then it has aimed at pursuing excellence in teaching and research in the field of science, technology, humanities, social sciences, performing arts and sports etc. Today, Kurukshetra University is offering world-class education to students from throughout India and other countries by providing a learning experience designed to develop intellectual abilities as well as social, moral and ethical values. The University is equipping its students with the skills, insights, attitudes and practical experiences that will enable them to become discerning citizens.

Department of Electronic Science

The Department of Electronic Science is one of the departments of Kurukshetra University, Kurukshetra established by funding through Ministry of Electronics and Information Technology (MEITY), formerly Department of Electronics (DOE) in 1990. This Department is running a four semester M.Sc. course in Electronic Science since 1990 with the aim of generating specially trained manpower in the highly sophisticated field of microelectronics, integrated circuit design, fabrication and semi-conductor material technology. M.Tech. Course in Microelectronics & VLSI Design was started in 2004 and M.Tech. Course in Nano Science & Technology was started in 2008. All of these courses are job oriented with provision for project work and industrial training.

The department has established active collaboration with a number of national laboratories. Joint research activities are undertaken with National Physical Laboratory, Delhi, Central Electronics Engineering Research Institute (CEERI), Pilani, Semiconductor Complex Limited (SCL), Mohali and Central Scientific Instrument Organization (CSIO), Chandigarh etc. A number of research scholars are working in areas related to physics and technology of

integrated circuits, devices, nanomaterials and simulation.

Major Facilities

The major facilities related to design, simulation and characterisation tools in the department are Cadence, Silvaco T-CAD Suite, Coventorware, Intellisuite, Comsol, Medea, X-Ray Diffraction, Atomic Force Microscopy, UV-Vis Spectroscopy, Surface Profilometer, Particle Size Analyser and Ellipsometer

Theme of Faculty Development Program

The Electronic Science Department is running two M.Tech. Programs in the area of Microelectronic & VLSI design and Nano Science and Technology. The courses of Nanoscience and Nanotechnology are being taught in both M.Tech. programs and is the key research area of the department. The Electronic Science department is organizing one-week faculty development program on Nanoscience and Nanotechnology. Nanoscience & Nanotechnology is an inter-disciplinary emerging area that includes almost every scientific discipline such as electronic science, chemistry/biochemistry, pharmaceutical science, biology/microbiology, biotechnology, physics, materials science, computer science and engineering etc. It is rapidly expanding area of research with huge potential to revolutionise human lives and to provide technological solutions to problems in various fields like agriculture, energy, environment, medicine, electronics and engineering.

Who Can Attend?

Faculty members/researchers from electronic science, chemistry /biochemistry, pharmaceutical science, biology/microbiology, biotechnology, physics, materials science, computer science and engineering from Universities/Institutes/Colleges. **The number of seats are limited to 40 and will be on first come first serve basis.**

Resource persons

Eminent speakers from reputed institutions/industries

Accommodation

The accommodation may be made available on request. The accommodation charges will be borne by the participants.

For further enquiries and communication, Please contact:

Prof. Suresh Kumar

Co-ordinator & Chairman

Mobile :09416377282

e-mail : sawan2k2@yahoo.co.in



KURUKSHETRA UNIVERSITY, KURUKSHETRA

Established by the State Legislature Act XII of 1956)
(A+ Grade, NAAC Accredited)

Department of Computer Science & Applications
Kurukshetra University, Kurukshetra

No. CA/2019/7773
Date: 16/9/19

CA/2019/7773
Dt. 16/9/19

Subject: Financial support for the organization of Faculty Development Programme on "Entrepreneurship Development" (One Week)

The department is going to organise a one week Faculty Development Programme on "Entrepreneurship Development" from 21-25 September, 2019. In this FDP, the delegates/speakers would be invited from various parts of India. The Entrepreneurship Development is a hot topic in India with the slogan 'Make In India' given by our Hon'ble Prime Minister Sh. Narendra Modi. For this workshop, the experts of the field would be invited to deliver lecture/talk on various areas on entrepreneurship development.

The FDP programme has already been scheduled to take place from 21-25 September, 2019 and Tentative FDP schedule with invited speaker is attached herewith. Dr. Pardeep Kumar and Dr. Sanjay Tyagi would be the coordinator(s) of this FDP. The registration fee for participants from industry, academia and research scholars would be Rs. 1000/-, Rs.500/- and Rs.300/- respectively. The registration fee will be nil for the participants of TEQIP institutes. The registration fee collected will be treated as internal revenue generated and will be deposited to TEQIP-III (1.3) account. For smooth organization of this FDP, the department needs financial support from TEQIP-III (1.3). The tentative expenditure (excluding registration amount) of the FDP would be as follows:

(i)	Remuneration of the invited speaker (15) (@5000/-each)	= 75,000.00
(ii)	TADA for speakers (as per university/TEQIP rates)	= 50,000.00
(iii)	Contingency (for conference bag/folders, pen, notepad, banners, certificates, mementos, posters and other required minor items)	= 1,00,000.00
(iv)	Refreshment(Including all meals), Lodging & Boarding (For Resource Persons & Participants)	= 1,00,000.00
(v)	Coordinator(s) Remuneration	= 12,000.00 (@6000/- each)
(vi)	Remuneration for Accounts Clerk & Peon	= 5,000.00
(vii)	Incidental Charges	= 20,000.00
Total = 3,62,000.00		

Kindly sanction an amount of Rs. 3,62,000.00 (Three Lakh Sixty Two Thousand Only) immediately so that the workshop can be organised timely. Also allow to withdraw an advance of Rs. 50,000/-, which is required for preliminary expenditures for this Faculty Development Programme. Kindly allow to re-appropriate the amount within other heads if required. The department purchase committee will consist of (i) Chairman (ii) Dr. Pardeep Kumar and Dr. Sanjay Tyagi for various purchases related to this FDP.

TEQIP Coordinator

Pardeep Kumar
Chairman 16/9/19

Under TEQIP III (1.3) provision and
Budget exists for the conduct FDP/ Staff
Student Training under Budget head =

M. S. Tyagi
Project Coordinator
TEQIP-III(1.3) World Bank Pro
Faculty of Science KUK 13611

ELECTRONIC SCIENCE DEPARTMENT
KURUKSHETRA UNIVERSITY KURUKSHETRA

No: ELS/2019/5046
Dated: 05/12/2019

Sub: Proceeding of the workshop on "Outcome based Education and NBA Accreditation" was held on 04-08 Nov 19.

The department of Electronic Science organized a workshop on Outcome based Education and NBA Accreditation was held on 04-08 Nov 19. The FDP was organized smoothly and the list of Speakers/Experts and participants is attached herewith for your information. The final expenditure details towards this FDP are as under :-

(i)	NETTTR, Chandigarh Fee	= Rs 2,36,000/-
(ii)	Accommodation	= Rs 11,125/- — KOC
(iii)	Refreshment including all meals	= Rs 38,782/- — 20770
(iv)	Contingency	= Rs 40,256/- — Verma Mahimay
(v)	Coordinator Remuneration	= Rs 6000/-
(vi)	Remuneration for Accounts Clerk & Peon	= Rs 5000/-
	Total Expenditure of the FDP	= Rs 3,37,163/-

An advance of Rs 40,000/- was drawn for FDP out of which the bills of Rs 40,063/- were paid out to various firms. These details of bills are mentioned and attached.

An amount of Rs 1000/- was received as registration fee and the same has been deposited in TEQIP account (receipt of SBI bank dt 19 Nov 19 attached).

[Signature]
Chairman 4/12/19
Electronic Science Dept
Kurukshetra University
Kurukshetra-137130

Co-ordinator, TEQIP-III(1.3)

TEQIP office for further info. Process
The expenditure from continued A/c.

[Signature]
5/12/19

Total Expenditure was incurred Rs. 326163/-
in above said workshop.



[Signature]
Project Coordinator
TEQIP-III(1.3) World Bank Project
Faculty of Science KUK 136119

TEQIP-III (1.3) Sponsored
One Week Faculty Development Program
ON
Outcome Based Education & NBA Accreditation

04-08 November, 2019

Organized Jointly
by



Department of Electronic Science
Kurukshetra University,
Kurukshetra-136119

&

National Institute of Technical Teachers
Training and Research (NITTR),
Chandigarh

Chief Patron
Prof. Kailash Chandra Sharma
Vice-Chancellor, Kurukshetra University,
Kurukshetra

Patron
Prof. Suresh Kumar, Chairman, Electronic Science
Department, Kurukshetra University, Kurukshetra

Coordinators
Dr. Mukesh Kumar, Electronic Science Department
Kurukshetra University, Kurukshetra

Prof. B. S. Pabla, Dean Extension Services and Consultancy
NITTR Chandigarh

Co-Coordinator
Dr. Virender Singh Kundra, Electronic Science Department
Kurukshetra University, Kurukshetra

Organizing Committee
Prof. Anil Vohra, Electronic Science Department
Kurukshetra University, Kurukshetra

Prof. B. Prasad, Electronic Science Department
Kurukshetra University, Kurukshetra

Prof. Anurekha Sharma, Electronic Science Department
Kurukshetra University, Kurukshetra

Dr. Ruchi Gupta, Electronic Science Department
Kurukshetra University, Kurukshetra

Mr. Anil Kumar, Electronic Science Department
Kurukshetra University, Kurukshetra

Important Dates
Last date for registration : 30 October, 2019

TEQIP-III (1.3) Sponsored
One Week Faculty Development Program
ON

Outcome Based Education & NBA Accreditation
04-08 November, 2019

Registration Form

Send the duly filled following details to the following mail id:
fdpeisdtkuk@gmail.com. kumarm@kuk.ac.in

Name:.....

Designation:.....

Department:.....

Qualification:.....

Experience in years:.....

Teaching:.....

Industry:.....

Organization:.....

Accommodation Required: YES/NO

Mailing Address:.....

Telephone with code (Office):.....

(R) Mobile:.....

Email:.....

Or

Browse the following link and fill the google form
to register for the FDP.

<https://docs.google.com/forms/d/25E15w7QMypTVXR02a7aP7QJitfUjGrEhUKHAKak/edit>

Project Coordinator
TEQIP-III(1.3) World Bank Project
Faculty of Science KUK 136119

About the University

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NITTTR, Chandigarh

In realization of the need for training better quality technicians to meet the large scale industrialization of the country, the ministry of Human Resource Development (the then Ministry of Education), Government of India established four Regional Technical Teachers' Training Institutes (now National Institute of Technical Teachers Training & Research, NITTTR at

Bhopal, Chandigarh, Chennai and Kolkata in 1967. NITTTR, Chandigarh was designed to meet the requirements of developing polytechnic education in the northern region covering the states of Jammu and Kashmir, Himachal Pradesh, Punjab, Haryana, Rajasthan, Uttar Pradesh, Uttrakhand, Delhi and Union Territory of Chandigarh. Since June 2001, this institute has been conducting short term courses in various subjects for faculty of Engineering Colleges in addition to organizing AICTE sponsored Induction Training Programmes. The NITTTR, Chandigarh has rich experience in organizing faculty training programs in the area of Education and Training Programmes, Curriculum Development, Instructional Material Development, Research and Development, Extension Services, Consultancy in Technical Education and Technology areas. The focus areas under consultancy services are research and product development, curriculum development, human resources services, design & testing services and quality assurance.

Scope of FDP

Main objective of this FDP is to educate the young as well as senior faculty members on how to reorient their teaching learning processes to implement Outcome Based Education (OBE) in both letter and spirit. NBA (National Board of Accreditation) has introduced a new process, parameters and criteria for accreditation which increasingly make it mandatory for all academic programs to implement Outcome Based Education (OBE). There is an urgent need of changing our instructional methods for effective delivery of OBE. Articulation of course outcomes for a particular course, various direct and indirect assessment techniques and their evaluation will be covered in detail in this FDP. This program will cover different aspects of the process of accreditation along with improvement in providing quality education through these topics:

- Outcome Based Education
- Curriculum design for OBE
- Teaching learning process in OBE
- Assessment and Evaluation

- Question paper setting and evaluation in OBE
- Academic Audit
- Continuous Quality Improvement
- Accreditation- importance and process
- Parameters for accreditation
- Filing of Self Assessment Report (SAR) as per NBA

Who Can Attend?

Faculty Members/Research Scholar from various Universities/Institutes/Colleges

Registration Fee

- a) Registration fee is Rs. 1000/- per faculty member and Rs. 500/- per research scholars.
- b) Accommodation will be charged extra and will only be provided to outstation participants (on twin sharing basis) in the institute or nearby Hotel subject to availability of rooms and as per institute/hotel rates.

Contact

For further enquiries and communication, please contact:

Dr. Mukesh Kumar,

Co-ordinator

Mobile :09466650634

e-mail : kurnarmukesh@gmail.com



KURUKSHETRA UNIVERSITY, KURUKSHETRA
Established by the State Legislature Act XII of 1956)
(A+ Grade, NAAC Accredited)

Department of Computer Science & Applications
Kurukshetra University, Kurukshetra

No.: CA/2019/7773
Date: 16/9/19

CA/2019/7773
Dt. 16/9/19

Subject: Financial support for the organization of Faculty Development Programme on "Entrepreneurship Development" (One Week)

The department is going to organise a one week Faculty Development Programme on "Entrepreneurship Development" from 21-25 September, 2019. In this FDP, the delegates/speakers would be invited from various parts of India. The Entrepreneurship Development is a hot topic in India with the slogan 'Make In India' given by our Hon'ble Prime Minister Sh. Narendra Modi. For this workshop, the experts of the field would be invited to deliver lecture/talk on various areas on entrepreneurship development.

The FDP programme has already been scheduled to take place from 21-25 September, 2019 and Tentative FDP schedule with invited speaker is attached herewith. Dr. Pardeep Kumar and Dr. Sanjay Tyagi would be the co-ordinator(s) of this FDP. The registration fee for participants from industry, academia and research scholars would be Rs. 1000/-, Rs.500/- and Rs.300/- respectively. The registration fee will be nil for the participants of TEQIP institutes. The registration fee collected will be treated as internal revenue generated and will be deposited to TEQIP-III (1.3) account. For smooth organization of this FDP, the department needs financial support from TEQIP-III (1.3). The tentative expenditure (excluding registration amount) of the FDP would be as follows:

(i)	Remuneration of the invited speaker (15) (@5000/-each)	= 75,000.00
(ii)	TADA for speakers (as per university/TEQIP rules)	= 50,000.00
(iii)	Contingency (for conference bag/folders, pen, notepad, banners, certificates, mementos, posters and other required minor items)	= 1,00,000.00
(iv)	Refreshment(Including all meals), Lodging & Boarding (For Resource Persons & Participants)	= 1,00,000.00
(v)	Coordinator(s) Remuneration	= 12,000.00 (@6000/- each)
(vi)	Remuneration for Accounts Clerk & Peon	= 5,000.00
(vii)	Incidental Charges	= 20,000.00
		Total = 3,62,000.00

Kindly sanction an amount of Rs. 3,62,000.00 (Three Lakh Sixty Two Thousand Only) immediately so that the workshop can be organised timely. Also allow to withdraw an advance of Rs. 50,000/-, which is required for preliminary expenditures for this Faculty Development Programme. Kindly allow to re-appropriate the amount within other heads if required. The department purchase committee will consist of (i) Chairman (ii) Dr. Pardeep Kumar and Dr. Sanjay Tyagi for various purchases related to this FDP.

TEQIP Coordinator

Pardeep Kumar
Chairman
16/9/19

Under TEQIP-III (1.3) provision and Budget exists for the conduct of FDP/ Staff Student Training under Budget head.

M. S. Tyagi
Project Coordinator
TEQIP-III(1.3) World Bank Pro
Faculty of Science KUK 13611

TEQIP-III (1.3) Sponsored
One Week Faculty Development Program
ON
Outcome Based Education & NBA Accreditation

04-08 November, 2019

Organized Jointly
by



Department of Electronic Science
Kurukshetra University,
Kurukshetra-136119

&

National Institute of Technical Teachers
Training and Research (NITTR),
Chandigarh

Chief Patron
Prof. Kaifash Chandra Sharma
Vice-Chancellor, Kurukshetra University,
Kurukshetra

Patron
Prof. Suresh Kumar, Chairman, Electronic Science
Department, Kurukshetra University, Kurukshetra

Coordinators
Dr. Mukesh Kumar, Electronic Science Department
Kurukshetra University, Kurukshetra

Prof. B. S. Pabla, Dean Extension Services and Consultancy
NITTR Chandigarh

Co-Coordinator
Dr. Virender Singh Kundra, Electronic Science Department
Kurukshetra University, Kurukshetra

Organizing Committee
Prof. Anil Vohra, Electronic Science Department
Kurukshetra University, Kurukshetra

Prof. B. Prasad, Electronic Science Department
Kurukshetra University, Kurukshetra

Prof. Anurekha Sharma, Electronic Science Department
Kurukshetra University, Kurukshetra

Dr. Ruchi Gupta, Electronic Science Department
Kurukshetra University, Kurukshetra

Mr. Anil Kumar, Electronic Science Department
Kurukshetra University, Kurukshetra

Important Dates
Last date for registration : 30 October, 2019

TEQIP-III (1.3) Sponsored
One Week Faculty Development Program
ON
Outcome Based Education & NBA Accreditation
04-08 November, 2019

Registration Form
Send the duly filled following details to the following mail id:
fdpelsktuk@gmail.com, kumarro@kuk.ac.in

Name:.....
Designation:.....
Department:.....
Qualification:.....
Experience in years:.....
Teaching:.....
Industry:.....
Organization:.....
Accommodation Required: YES/NO
Mailing Address:.....
Telephone with codes (Office):.....
(R) Mobile:.....
Email:.....

Or

Browse the following link and fill the google form
to register for the FDP.
<https://docs.google.com/forms/d/2SEksW7QMypTVXR0ZaYaP7QJtflUGrEhUKHAlaIcAk/edc>

M. A.
Project Coordinator
TEQIP-III(1.3) World Bank Project
Faculty of Science KUK-136119

**TEQIP-III (1.3) Sponsored
One Week Faculty Development
Program
on
Entrepreneurship Development**

21-25 September, 2019

Organised by



Department of Computer Science & Applications
Kurukshetra University
Kurukshetra-136119

Venue

Department of Computer Science & Applications
Kurukshetra University
Kurukshetra

Coordinator(s)

Dr. Pardeep Kumar
Dr. Sanjay Tyagi
Department of Computer Science & Applications
Kurukshetra University, Kurukshetra

Technical Committee

Prof. R.K.Chauhan
Department of Computer Science & Applications
Kurukshetra University, Kurukshetra

Prof. Shuchita Upadhyaya
Department of Computer Science & Applications
Kurukshetra University, Kurukshetra

Prof. Rajender Nath
Department of Computer Science & Applications
Kurukshetra University, Kurukshetra

Prof. Rakesh Kumar
Department of Computer Science & Applications
Kurukshetra University, Kurukshetra

Organizing Committee

Dr. Chander Kant
Dr. Ramesh Kumar
Dr. Monika

Important Dates

Last date for registration : 19 September, 2019

Registration Fee

Delegates from Industry : Rs. 1000/-
Faculty/Researcher : Rs. 500/-
Research Scholar : Rs. 300/-

The registration fee can be submitted on the spot at the time of registration. There will be no registration fee for TEQIP sponsored departments / institutions.

**TEQIP-III (1.3) Sponsored
One Week Faculty Development
Program
on
Entrepreneurship Development**

21-25 September 2019

Registration Form

Send the duly filled following details to the following mail id:
pmittal@kuk.ac.in, tyagikuk@gmail.com

Name:.....

Designation:.....

Department:.....

Qualification:.....

Experience(in years):

Teaching:.....

Industry:.....

Organization:.....

.....

Accommodation Required: YES/NO

Mailing Address:.....

.....

Telephone(with code)

Office:.....

Mobile:.....

E-Mail:.....

Or

Browse the following link and fill the Google form to register for the FDP.

<https://forms.gle/njNVxou69cTNuu3BA>

About the University

Located in Kurukshetra, the land of the Bhagwadgita, Kurukshetra University is a premier institute of higher learning in India. It is spread over 470 acres of land on the south bank of the Holy Brahmasarovar. Its foundation stone was laid on 11 January 1957 by Bharat Ratna Dr. Rajendra Prasad, the first President of the Indian Republic. Since then it has aimed at pursuing excellence in teaching and research in the field of science, technology, humanities, social sciences, performing arts and sports etc. Today, Kurukshetra University is offering world-class education to students from throughout India and other countries by providing a learning experience designed to develop intellectual abilities as well as social, moral and ethical values. The University is equipping its students with the skills, insights, attitudes and practical experiences that will enable them to become discerning citizens.

Department of Computer Science & Applications

Kurukshetra University has taken pioneering position in imparting training and education in the field of Computer Science & Applications. Kurukshetra University was the first to foresee the impact that computers would have on the 21st century. To give an impact to the vision and work on it, the university started imparting education in the field of computer science and application way back in 1981 by starting an UGC sponsored computer course and it was the first of its kind in the whole country. In the year 1981, the Department of Computer Science and Applications was established and Kurukshetra University was the first in the country to start a UGC supported one year MCA programme. This was replaced by a two year MCA programme from the academic year 1984-85 onwards. In December 1990, UGC sanctioned the proposal of Department of Computer Science & Applications to update the two-year MCA programme to three-year MCA programme and the same was launched in the session 1991-92. The

department had started two year M.Sc. (Computer software) w.e.f. academic session 1995-96, and M.Tech. in Computer Science & Engineering was also started w.e.f. academic session 1996-97. The department is providing a wide range of hardware and software facilities for students and faculty members under different platforms and processing environments. The department has now blossomed from a humble start in 1981 to a full-fledged education centre providing major courses like Ph.D., M. Tech., M.C.A. & M.Sc. (Comp. Sc.) S/W. Department can now boast of a faculty comprising of 14 faculty members, 05 Computer Labs equipped with state of the art technology and a placement cell providing job opportunities to students.

Major Facilities

The department is equipped with five computer labs. The total number of machines available are approximately 250 comprising of 4 IBM xeon servers, 120 thin clients and i7/i3/Core2 Duo/Dual Core/P-IV machines, Laser printers, network printers and software like ORACLE, Visual studio, Windows, Linux, etc.

The departmental library provides approximately 10,000 books (Text and reference) with a sitting capacity of 60 students.

Theme of Faculty Development Program

Creating a new scalable venture is a challenging and complex task. The road to entrepreneurial success is long, winding and strewn with pitfalls, obstacles and blind turns. The risks of starting a new business are high, as illustrated by the high failure rates for new ventures. However, as is always the case, the rewards, both financial and personal, are commensurate with the risk. This FDP helps participants understand the process, challenges, risks and rewards of starting up a new scalable venture so as to guide the new entrepreneurs to equip them with the tools required to start their own business, improve their chances of successfully starting their own business, generate and assess scalable business ideas, develop creative problem-solving skills required in entrepreneurial businesses, develop a business model and competitive strategy,

form and work successfully in a team, raise money from venture investors, and make a professional investor presentation.

Who Can Attend?

Faculty members/researchers from any department of Universities/Institutes/Colleges. **The number of seats are limited to 35 and will be on first come first serve basis.**

Resource Persons

Eminent speakers from reputed institutions/industries.

Accommodation

The accommodation may be made available on request. The accommodation charges will be borne by the participants.

For further enquiries and communication, Please contact:

Dr. Pardeep Kumar

Dr. Sanjay Tyagi

Co-ordinator(s)

Mobile : 7988668015, 9896161532

e-mail : pmittal@kuk.ac.in, tyagikuk@gmail.com



KURUKSHETRA UNIVERSITY KURUKSHETRA
(Established by the State Legislature Act XII of 1956)
("A+" Grade, NAAC Accredited)



DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS
FACULTY OF SCIENCE

ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON "ENTREPRENEURSHIP DEVELOPMENT"
FROM 21/9/2019 TO 25/9/2019
UNDER TEQIP-III (1.3) SPONSORSHIP





Institute of Integrated & Honors Studies
KURUKSHETRA UNIVERSITY, KURUKSHETRA-136 119
(Established by the State Legislature Act XII of 1956)
(A+ Grade NAAC Accredited)

Phone: 01742 238149/01

No. IHS

125

Dated

06-2-2020

Dr Sanjeev Puri,
Professor & Coordinator,
Stem Cell & Tissue Engineering,
Panjab University, Chandigarh

Dear Sir,

You are hereby requested to deliver a lecture on topic, "Emerging trends in Stem cell technology" and conduct an interactive session with the students of institute on dated 8.2.2020, 11.00 AM onwards.

Thanking you

Principal

Malik
06.11.2020

afed



Institute of Integrated & Honors Studies
KURUKSHETRA UNIVERSITY, KURUKSHETRA-136 119
(Established by the State Legislature Act XII of 1956)
(A+ Grade NAAC Accredited)

Phone: 01744-238049 (O)

No. IHS

133

Dated

07-2-2020

To

Dr. Aman Kumar
Assistant professor
IUVAS
Hisar

Subject: Lecture Invitation

Dear Sir

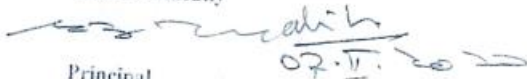
Considering your vast experience and immense contribution in the field of Biotechnology and Biomedical sciences, the worthy Vice-Chancellor, Kurukshetra University, has approved your name as expert for delivering an expert lecture in Institute of Integrated and Honors Studies (IHS), Kurukshetra university.

The students and the faculty will be immensely benefited if you could kindly accept our invitation to visit the institute and deliver a lecture on title "Emerging trends on Genomics" on 12th Feb 2020 at 11:00 AM onwards. We will greatly appreciate if you could visit IHS, KUK and deliver a lecture. The T.A. and D.A. will be borne by us as per the university rules.

Looking forward to meeting you soon at IHS, KUK

With kind regards

Yours Faithfully


07.11.2020

Principal
IHS

Website : www.iihskuk.in

GRAM

Email : principaliihskuk2019@gmail.com

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