

ACTIVITIES REPORT UNDER RUSA 2.0
(January 2020 to December 2020)

RUSA 2.0 Project was awarded to Kurukshetra University, Kurukshetra considering its achievements in Research and Academics. The A⁺ Grade provided by NAAC and Category-I status under University (Graded Autonomy) by UGC, provided opportunity to the University to participate in RUSA 2.0 challenge level funding. As a result it was awarded Rs. 100 Crore under "Component 4 Enhancing Quality and Excellence" under RUSA 2.0 in 2018. The award of RUSA 2.0 is linked to the expectation that university shall drive in the future through innovation.

The vision of RUSA 2.0 is promotion of Research, Innovation, Entrepreneurship and Employability. For this an eco-system has been created with 5 Research Centres and 6 dedicated Training Centres as follows:

RESEARCH CENTRES

- (i) Centre for Advance Material Research (CAMR)
- (ii) Centre for IT and Automation
- (iii) Centre for Applied Biology in Environment Sciences (CABES)
- (iv) Centre for Advance Research in Earthquake Studies (CARES)
- (v) Centre of Excellence for Research on the Saraswati River (CERSR)

TRAINING CENTERS

- (i) Centre for Skill Development
- (ii) Centre for Entrepreneurship
- (iii) Corporate Resource Centre
- (iv) Centre for Continuing Education
- (v) Incubation Centre
- (vi) Centre for Sports

A brief of activities executed during the year January 2020 to December 2020 is as under:

- 1) Following skill building and short term courses and activities have been completed and a total of 4181 trainees have benefited.

NAME OF TRAINING CENTRE & PROGRAMME	No of Trainees
CENTRE FOR SKILL DEVELOPMENT	
Graphic Design	30
Online facts Checking and Digital Media Skills	25
Retails Sales Skills	26

3
12-12-20

CORPORATE RESOURCE CENTRE	
Corporate Resource Centre under RUSA 2.0 organized Online Training Programme on “Soft Skills and Employability Enhancement” of the Students of the Kurukshetra University.	1250
Faculty Development Program for University Teachers ‘Training of Trainers’ in Collaboration with Faculty Development Centre, KUK (26.08.2019 to 29.08.2020).	19
Department of Botany, Kurukshetra University, Kurukshetra organized a Online Training Programme (One Session) for PGDF and M.Sc. Students on the topic “Learn Taxonomic and Filed Techniques”, Lecture delivered by Dr. Promila Pathak, Panjab University, Chandigarh on (05 June, 2020).	297
Department of Botany Kurukshetra University, Kurukshetra organized a Online Training Programme (Two Sessions) for Research scholars of various department of KUK and other universities in state of Haryana on the topic “Learn recent analytic techniques”, Lecture delivered by Dr. R.S. Jolly, Ex-Acting Director, IMTECH, Chandigarh (CSIR) on (09 and 19 June, 2020)	463
Department of Botany, Kurukshetra University, Kurukshetra organized a Online Training Programme (one Session) for Research scholars of various department of KUK and other universities in state of Haryana on the topic “Forest Tree Communication”, Lecture delivered by Dr. Rajiv Angrish Retd. Professor, CCS, HAU HISAR on (22 June, 2020).	173
Department of Education, KUK organized a Online Training Programme (one Session) on the topic “Import of Covid-19 on persons with Disabilities”, Lecture delivered by Dr. Prof. Sandeep Berwal, CRSU, Jind on (01 June, 2020).	100
Department of Zoology, Kurukshetra University, Kurukshetra organized a two days National online conference on the topic “Post COVID Opportunities and Challenges for Zoological Sciences” on 29-30 June, 2020.	110
CENTRE FOR CONTINUING EDUCATION	
One month Short term course on “Vastu & Indian Interior Design” (01 January 2020 to 06 February 2020)	20
One Day Capacity Building Workshop (all employees of the examination KUK) 07 March 2020.	320
Two Days Training Programme on “Enhancing Leadership Qualities among Elected Women Representatives”. (19-20 February, 2020)	30
On-Line Training Programme in Heritage Walk in collaboration with India City Walks, Delhi during 05-21 October 2020	30
CENTRE FOR ENTREPRENEURSHIP	
Entrepreneurship Training in Organic Farming (9-11 January 2020)	40
Ten days workshop on “Mobile Application Development Using React Native” (11-20 January 2020)	60
Online Training on “Advanced Web Application Development” (7 th April 2020)	25

Handwritten signature

CENTRE FOR IT AND AUTOMATION	
Online Three Summer Internship Program through online platform in following subjects: i. Data Structure and Coding ii. Web Development iii. Cloud Computing with Collaboration Codequotient during August-September 2020	120
3 Months Online Platform for Full Stack Software Development Programme having the following modules: i. Learning Module ii. Assessment Module iii. Live Training Module iv. Project Module with Collaboration Codequotient during October-December 2020	50
INCUBATION CENTRE	
Final evaluation of Innovision-2019 proposals: 16 proposals out of 20 successfully executed their projects and participated in the final evaluation. February 15 th 2020	16
Invited talks on "Toxic Chemical Exposure" by Dr. Neera Tewari Singh (An affiliated faculty of institute of integrative toxicology, Michigan State University, USA). In collaboration with Department of Biochemistry, KUK. (Feb., 7 th , 2020)	-
Invited talks on "Innovations in Life sciences" by Dr. Varsha Singh (Founder & Director Medzak Healthcare Pvt. Ltd, Chandigarh) In collaboration with Department of Biochemistry, IHS, KUK. (February 20 th , 2020).	-
Seminar on "Women Innovators in STEM" in Collaboration with Women in STEM Forum, Kurukshetra University. (Feb. 11 th , 2020)	-
One-day Seminar on " <i>Innovations in Plant Science</i> " in Collaboration with Botany Department, Kurukshetra University (February 19 th , 2020).	-
Industry and Academia Interaction- Ambala Scientific Instruments Manufacturing Association (ASIMA) Jan. 23 rd 2020.	-
Launch of KUTIC-IDEAthon: A Fight Against COVID-19, Call for Proposals 30 th March, 2020	-
Online Training Programme by CAN- Covid-19: How to manage your Startup through these unprecedented times 4pm - 5pm, Organized by Chandigarh Angels Network Speaker: Mr. Kunal Nandwani, CEO-uTrade solution Prof. Anurekha Sharma, Coordinator KUTIC, PAG Members, Incubation consultant and 10 students attended. 3 rd April, 2020	10
Startup Masterclasses for Founders and aspiring entrepreneurs. Startup Masterclass CAN- 10th April 2020 @ Fri Apr 10, 2020 4pm - 5pm Organized by Chandigarh Angels Network Speaker: Mr. Kunal Nandwani, CEO-uTrade solution Prof. Anurekha Sharma, Coordinator KUTIC, PAG Members, Incubation consultant and 18 students attended. 10 th April, 2020	18
Startup masterclass on Billion dollar Impact ideas for 2020 and beyond. Startup Masterclass CAN- 17th April 2020 @ Fri Apr 17, 2020 4pm - 5pm Organized by Chandigarh Angels Network	23

<p>Speaker: Mr. Kunal Nandwani, CEO-uTrade solution Prof. Anurekha Sharma, Coodinator KUTIC, PAG Members, Incubation consultant and 23 students attended. 17th April, 2020</p>	
<p>Online Training Programme on "Artificial Intelligence Powered Engineering" 12:00pm – 1:30 pm Speaker: Mr. Sanjay Ahuja, TecDelivery Lead Industry X.0, Vice- President, Accenture, Bengaluru Guest of Honour: Prof. Manjula Chaudary, Dean Academic Affairs and Nodal RUSA officer, KUK. PAG Members, Incubation consultant and around 70 students attended. 18th April, 2020</p>	70
<p>Online Training Programme on "Research and Innovation opportunities for seeking a solution to COVID-19 pandemic" Speaker: Dr. Ashwin Kotnis, Associate Professor Department of Biochemistry All India Institute of Medical Sciences (AIIMS) Bhopal, Madhya Pradesh Time: 11:30 am to 1:00 pm 22nd April, 2020 PAG Members, Incubation consultant and around 100 students attended.</p>	100
<p>Coping with Startup Failures- Startup Masterclass by Chan... @ Sat Apr 25, 2020 11am - 12pm Organized by Chandigarh Angels Network Speaker: Mr. Kunal Nandwani, CEO-uTrade solution Prof. Anurekha Sharma, Coodinator KUTIC, PAG Members, Incubation consultant and 20 students attended. 25th April, 2020</p>	20
<p>Students Coordinators and Innovision 2019 project students meeting with Prof. Anurekha, Coordinator KUTIC and team through hangouts meet Time: 12:30 pm to 1:30 pm, 25th April, 2020 Incubation consultant and Around 55 students attended.</p>	55
<p>Online Training Programme on "Embedded Systems and IoT" Speaker: Ms. Rajani Bhandari, Senior Manager at Accenture Technologies Ltd, Bengaluru, Time: 3:30 pm to 5:00 pm, 2nd May, 2020 PAG Members, Incubation consultant and Around 120 students attended.</p>	120
<p>Last date of submission of KUTIC-IDEathon: A Fight Against COVID-19 Proposals, 3rd May, 2020, Received 21 proposals: proposals on low cost sanitizers, ventilators, immunomodulators etc.</p>	21
<p>Online Training Programme on "ARMABLE" GAME based ARM REHABILITATION DEVICE" An Innovation from Beable Health Speaker: Mr. Habib Ali, CEO & Founder, Beable Health, Center for Healthcare Entrepreneurship (CfHE) – IIT Hyderabad Time: 12:00 pm to 1:00 pm 9th May, 2020 PAG Members, Incubation consultant and Around 100 students attended.</p>	100
<p>First Student's Tech Talk on "Arduino Programming" by KUTIC @ Wed May 13, 2020 12pm - 1pm Speaker: Mr. Parshant, MSc- Electronic Science Department, KUK</p>	70

Time: 12:00 pm to 1:00 pm 13 th May, 2020 PAG Members, Incubation consultant and Around 70 students attended.	
On-line Training Programme on "A Multidisciplinary Systems Approach To 21st Century Education 4.0 Based Experiential Learning, For Enabling Employment, Research, Innovation & Entrepreneurship" Speaker: Prof. B.S.Satyanarayana, Founder & CEO, Satya Bharathi Consultants, Bengaluru Time: 11.30 am to 1:00 pm 16 th May, 2020 PAG Members, Incubation consultant and Around 100 students attended.	100
Online Training Programme on "Student IDEA to Startup journey" Speaker: Mr. Uday Wankawala, Chief Executive Officer at Atal Incubation Centre- Rambhau Mhalgi Prabodhini, Mumbai, Time: 4.00 pm to 5.30 pm, 22 nd May, 2020 PAG Members, Incubation consultant and Around 120 students attended.	120
Online Training Programme on "Leveraging Modern Tools of Communication to optimize your Entrepreneurial Initiatives" Speaker: Dr. Anil Jain, President, Vaiseshika Electron Devices, Ambala Cantt. Time: 11.30 am to 1.00 pmm 30 th May, 2020 PAG Members, Incubation consultant and Around 90 students attended.	90
Online Training Programme on "Power of Personal Branding" Speaker: Dr. Anjali Pai, (Scientist & Integrator) Content Specialist at JoVE, Mumbai. Time: 11.30 am to 1.00 pm PAG Members, Incubation consultant and Around 60 students attended.	60

4181

- 2) The different departmental laboratories have been upgraded with an amount of Rs. 3 Crore.
- 3) Campus Development has activities have been initiated in the following areas:
 - Drinking Water- Water Purification System and Water ATM's
 - Water Harvesting
 - Development of Green Area/Biodiversity Park
- 4) The Sports facility of the university is being upgraded under RUSA 2.0.
- 5) Tender floated for implementation of Integrated University Management System (IUMS-Governance) at Kurukshetra University, Kurukshetra under RUSA 2.0.
- 6) E-Resources/ Database and Books have been purchased by Library.
- 7) Centre for IT & Automation under RUSA 2.0 has Signed MoU with CodeQuotient Pvt. Ltd on 04 March, 2020 for providing training in IT.


Nodal Officer (RUSA)
Kurukshetra University,
KURUKSHETRA-136119