About TEQIP-III

The Project, Third phase of Technical Education Quality Improvement Programme (referred to as TEQIP-III) is fully integrated with the Twelfth Five-year Plan objectives for Technical Education as a key component for improving the quality of Engineering Education in existing institutions with a special consideration for Low Income States and Special Category States and support to strengthen few affiliated technical universities to improve their policy, academic and management practices.

About RTU

Rajasthan Technical University (RTU) is located in Kota in the State of Rajasthan. It was established in 2006 by the Government of Rajasthan to enhance the technical education in the state. The university currently affiliates about 112 Engineering Colleges, 05 B.Arch, 27 MCA Colleges, 60 MBA Colleges, 48 M.Tech Colleges and 02 Hotel Management and Catering Institute. More than 2.5 lacs students study in the various institutes affiliated to the University.

About Shankara Group of Institutions

SGI has its bench mark in the field of Technical & Management discipline. At present, the Institute is offering four year degree program of Bachelor of Technology (B.Tech.), three year degree program of Master of Computer Application (MCA), two year degree program of Master of Business Administration(MBA) & two year degree program of PGDM. Institution also offers three year degree program of Bachelor of Business Administration (BBA) ,Bachelor of Computer Application (BCA). In order to appreciate the students and to make them enlighten with different concepts of Agriculture, Technical and Management, the Trust under the leadership of Dr S. K Chaudhary, recently signed MOU with National Institute of Agricultural Marketing (NIAM). In order to improve academic and personality development of students, the college has invited number of eminent personalities/technocrats as visiting faculties from prominent institutions and corporate. Shankara Group of Institutions is also empowering the students by arranging regular industrial visits by coordinating with prominent industries so as to improve the caliber of students for the betterment of their career.

We are also proud to mention here about the association with Aleksandras Stulginskis University, Lithuania and S.K.Chaudhary Educational Trust's by signing collaboration agreement for students and faculty exchange programme with scholarship granted by association of European university union.

About SHANKARA HACKATHON:

A Hackathon is a design sprint-like event in which computer programmers and others involved in software development, including graphic designers, interface designers, project managers and others often including domain experts, collaborate intensively on software projects. Hackathon help you put your coding skills to work. Solve interesting business problems and real-world challenges. The concept should be simple: get a group of coders and developers in a room, divide them into teams, start hacking and then present what the group came up with. The participants basically try to hack (creative solution to a computer problem) their way through the assigned task. It is a fun activity where a team of 4-6 members does brainstorming with each other skills and come out a virtual reality prototype.

The main purpose of Hackathon is:
(a) Making students to learn through teamwork, learn leadership qualities like coordination, self-motivation, learn to work in a disciplined environment and follow each one instruction in the team.
(b) Turning ideas into reality.
(c) Making students interested in programming, coding.

Chief Patron
Prof R. A. Gupta
Hon'ble Vice-Chancellor, RTU, Kota

Patrons
H. E. Julius Pranevicius
Ambassador of Lithuania in India
Dr. Sant Kumar Chaudhary
Chairman, Shankara Group of Institutions

RTU Academic Committee
Prof. Dhirendra Mathur, TEQIP-III Coordinator
Dr. Harish Sharma, Nodal Officer Acedemics
Dr. Deepak Bhatia, Hackathon Event Coordinator
Dr. D. K. Sambaria, Nodal Officer Procurement
Dr. S. D. Purohit, Nodal Officer Finance
Dr. Manish Chaturvedi, Co-ordinator
Shri. S. S. Godara, Member

Advisory Committee
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Prof. Anil Mathur, DEAN-Faculty, RTU, Kota
Dr. Rahul Chaudhary, Director, SGI
Prof. Anurag Mishra, Delhi University
Shri. S. K. Chaturvedi, Ex-CMD, PGCIL
Shri. R. N. Nayak, Ex-CMD, PGCIL
Shri. Rajesh Piplani, CMD, Avaids Technovators
Shri Rohit Jhalani, Plant-Head, KEC International

Coordinators
Prof. S. N. Kutty, DEAN, SGI
Dr. Ranbir Rathee, Director-HR, SGI
Dr. Ashutosh Mishra, Principal, SIT
Dr. Sunita Joshi, Principal, Shankara College of Edu.

Co-coordinator
Mr. Naveen Sharma, HOD- CSE, SGI
Ms. Shivangi Chaudhary, Administrator, SGI

Organizing Committee
Dr. Amar Singh, Principal, VBCCE, Bihar
Dr. Deepak Jha, HOD-PGDM, SGI
Mr. Rajendra Sharma, HOD-MBA, SGI
Mr. Zakir Hussain, HOD-IT, SGI
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Mr. Sunil Agarwal, HOD-MCA, SGI
Mrs. Jyoti Khurrana, HOD-BBA, SGI
Mr. Shankar A, HOD-EE, SGI
Mr. Sikandar Khan, HOD-ME/AE, SGI

Rajasthan Technical University, Kota
&
S. K. Chaudhary Educational Trust's
Shankara Group of Institutions, Jaipur
is all set to start coding competition

TEQIP-III Sponsored

HACKATHON
'TO CREATE SOMETHING NEW'

28th - 29th February, 2K20

Identify problem/s out of following themes:

- Industry 4.0 Applied Areas
- Data science and Engineering.
- Computational Intelligence- Application of Real-life Problems.
- Engineering in Medicines and Biology.
- IOT Sensors and Robotics.
- Ubiquitous Computing.
- Cryptology, Secure Signal Processing and Digital Rights, Management Systems.
- Audio, Image and Video Processing.
- Automobile and Health Industry.
- Communication and High-Speed Networking.
- Natural Language Processing Applications.
- Novel Ideas in Time Series Analysis and Forecasting.
- Social Media and Network Analytics.
- Real Time Data Analytics.
- Cyber Physical Systems.
- Good Governance.
- E—Governance.
- E—Agriculture
- Rural Development.

Methodology:

1) Each team will select the theme from the above listed problem areas and register itself for the event.
2) Thereafter, each team will submit a proposal vis-à-vis problem identified from broader theme.
3) After scrutiny of each proposal, the 'identified team' will be communicated for participation in Hackathon which will be a grand finale where the team members of such identified team will stay at the campus and code here for 36 hours.
4) Participant from Institutes/ Colleges not affiliated to RTU and BTU will be charged a registration fee.

Selection Criteria:

Evaluation criteria will include Novelty of idea, Clarity of idea, Feasibility, practicability, sustainability of the idea and scale of impact of idea on the society at large.

Procedure for Submission of Proposal/ Idea:

a) One team can submit one proposal/idea.
b) Submission date should be strictly followed. No extension shall be granted.
c) Each team should submit their proposal on the prescribed format only.
d) Entries are to be submitted on the prescribed format only.
e) Requests for change of proposal/idea after the cutoff date will not be entertained.

Registration Form :

College Name: _____

Student Name : _____

Mobile : _____

Email: _____

Signature : _____

Student Name : _____

Mobile : _____

Email: _____

Signature : _____

Student Name : _____

Mobile : _____

Email: _____

Signature : _____

Student Name : _____

Mobile : _____

Email: _____

Signature : _____

Student Name : _____

Mobile : _____

Email: _____

Signature : _____

Student Name : _____

Mobile : _____

Email: _____

Signature : _____

The above registration form is required on college letter head, seal & signed by authorized signatory of the college.
Mail the scanned copy of the letter to -
hackathon@shankaratechnology.org

Rules for Team formation:

- No limit on number of teams per college/ Institute.
- Team members should be from the same college or institution.
- Each team should comprise of 4-6 members.
- Team leader name should be clearly specified in the college/ Institute letter

General Conditions:

a) Each member of the team must carry ID card with Photo from the respective University/ Institute/College into the event.
b) Participant/s once entered the hall are not supposed to go out unless there is some emergency in which case, he/she can hand over the ID card to the volunteer, go out and collect it and then enter the hall.
c) You must know your requirement/s in advance relating to your 'problem' and it is your duty to take care of your belongings i.e hardware, software etc. The management is not responsible.
d) Participants must bring their own laptop and necessary equipment/s at the event. Each team will be given only one socket i.e. only one laptop from a team can be charged. Bring extension if participants need any.
e) Presentation time for each team is 5 (Five) minutes only.
f) No eatables are permitted inside the hall.
g) All team members have to maintain proper discipline during the event and any misbehavior on the part of any team member will amount to disqualification of the entire team.
h) If any member of the team does not present himself/herself at the schedule time of the event, the entire team will not be considered for the event.
i) Participants can wear the dress as per their choice but their outfit should look decent.
j) Students will finish their project and have to show on their system. A panel of judges will decide the outcome of the project.
k) Team can choose any platform for development of their project.

Last Date of Registration & Idea Submission: 10th February 2020

Registration Link:
https://shankaratechnology.org/ hackathon-2020.php

WIN EXCITING PRIZES WORTH ₹3 LAKH
1st Prize : 75,000/-
2nd Prize : 50,000/-
3rd Prize : 25,000/-

TOP GIRLS TEAM
(All 6 members should be girls) will get Prizes of Rs. 15,000/-

Appreciation Certificates will be given to all participants and mentors.

Venue
Shankara Group of Institutions
RIICO Industrial Area, Kukas-Jaipur
Mob: 9001060777, 9829242177, 9950928077
Email: hackathon@shankaratechnology.org
Website: https://shankaratechnology.org