Ami-Hacks, a virtual Hackathon, provides an opportunity to students worldwide to ideate, innovate and provide workable solutions to real-world problems.

INTERNATIONAL HACKATHON

GUIDELINES

Please register at: https://amity.edu/spg/ayf/

AMIHACKS - TRACKS

- AMIHACKS - SOFTWARE HACKATHON
- AMIHACKS - HARDWARE HACKATHON
- AMIHACKS - FOOD HACKATHON
- AMIHACKS - LEGAL HACKATHON
- AMIHACKS - PHARMACY HACKATHON
- AMIHACKS - POSTHARVEST INNOVATION HACKATHON
- AMIHACKS - AGRI HACKATHON
- AMIHACKS - AERO-AUTO HACKATHON
COORDINATORS AND ORGANISERS

Overall coordinators:

Dr. Sujata Pandey, Head Amity Innovation and Design Centre, ASET Noida

Dr. Anil Tiwari, Director, ASET Lucknow

Track Coordinators

Dr. Madhuri Kumari  Dr Pooja Khanna  Dr Sachin Kumar  Dr. Rajeev Kharb

Col. Vivek Mathur  Ms. Manjula Vijh  Mr. Saket Kumar  Ms Dipti Srivastava

Ms Swati Kaushal  Dr. Meena Kumari  Dr. Loveleen Sharma  Mr. Vijay Yadav Tokala

Dr Deepak Rameshwar Sapkal

<table>
<thead>
<tr>
<th>Hackathon Tracks</th>
<th>Department</th>
<th>Faculty In Charge</th>
<th>Mobile</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMIHACKS-Software Hackathon</td>
<td>ASETN</td>
<td>Dr. Madhuri Kumari</td>
<td>+919891300776</td>
<td><a href="mailto:mkumari@amity.edu">mkumari@amity.edu</a></td>
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<tr>
<td></td>
<td>ASETL</td>
<td>Dr Pooja Khanna</td>
<td>+919415519138</td>
<td><a href="mailto:pkhanna@lko.amity.edu">pkhanna@lko.amity.edu</a></td>
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<tr>
<td>AMIHACKS-Hardware Hackathon</td>
<td>ASETL</td>
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<td><a href="mailto:skumar3@lko.amity.edu">skumar3@lko.amity.edu</a></td>
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<tr>
<td></td>
<td></td>
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<td><a href="mailto:vmathur@lko.amity.edu">vmathur@lko.amity.edu</a></td>
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<td><a href="mailto:mvijh@amity.edu">mvijh@amity.edu</a></td>
</tr>
<tr>
<td>Hackathon</td>
<td>Organizer</td>
<td>Phone Number</td>
<td>Email Address</td>
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<tr>
<td>AMIHACKS – Legal Hackathon</td>
<td>Mr. Saket Kumar</td>
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<td><a href="mailto:skumar39@amity.edu">skumar39@amity.edu</a></td>
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</tr>
<tr>
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<tr>
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</tr>
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<td></td>
</tr>
<tr>
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<td>Dr. Deepak Rameshwar Sapkal</td>
<td>+919960632728</td>
<td><a href="mailto:drsapkal@amity.edu">drsapkal@amity.edu</a></td>
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**AMI YOUTH FEST 2021**

11th -14th March 2021

A Celebration of Your Talent, Skills and Aptitude
5 Categories 4Days
Get Awarded and Recognised for your Talent
Participate Online from your Home

**AMIHACKS**
Software Hackathon
Pharmacy Hackathon
Legal Hackathon
Food Hackathon
Hardware Hackathon
PostHarvest Innovation Hackathon
Agri Hackathon

Social Media: @amityyouthfest2021

For More Detail, Contact to:
Dr. Sujata Pandey, spandey@amity.edu, +91-9871643368
Dr. Anil Tiwari, akumar3@ko.amity.edu, +91-9618834380

Register here: https://amity.edu/spg/ayf/
Ami-Hacks, a virtual Hackathon which aims to push young students to provide practical and innovative solutions to real-world problems. Ami-Hacks, a platform to unleash innovative developers worldwide and come together virtually to ideate, innovate, and inspire one another and the community.

WHAT IS AN ONLINE HACKATHON?
Online hackathons do not require you to go to a venue physically, just participate, and upload your project for judging before the end date. It is an innovation marathon like the traditional in-person hackathon that you can participate in from the comfort of your home!

THEMES
Healthcare and Medication, Education, Lifestyle, Agricultural and Rural Development, Automation, Smart Travel and Experiences, Security and Surveillance, Fintech and Banking Innovation, AR/VR, Blockchain, Open Innovation

PRIZES
Coming Soon….

GENERAL RULES
- This is a team participation hackathon. You can have at most 4 members in your team.
- You can either invite your friends to form a team or you can request other teams to add you as a member.
- It's an online hackathon, you can participate from anywhere.
- Once the hackathon starts, you will get an option to submit your hack, you can submit as many times as you want, the last hack will be considered as the final submission.
- You are expected to come up with new and innovative ideas, any idea that has been copied from somewhere will be disqualified.
- Your hack must be developed entirely during the Hackathon duration. You may use open-source libraries and other freely available systems / services such as Google Maps, Facebook Connect, Twitter feeds etc.
- The intellectual property of your code belongs only to your team.
- Joining our Discord server and Telegram group is mandatory.
- By participating in the hackathon, you agree to the terms and conditions of HackerEarth.

Eligibility
- Students at Schools/Colleges/Universities (Age group – 14 to 25 years)
## Hackathon Agenda

<table>
<thead>
<tr>
<th>Hackathon registration</th>
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<tbody>
<tr>
<td><strong>Step 1:</strong> All participants must sign-up on the <a href="#">HackerEarth</a> platform.</td>
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<tr>
<td><strong>Step 2:</strong> All participants should register and fill in all the necessary details.</td>
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<tr>
<td><strong>Step 3:</strong> Once registered, participants should view all information related to themes, agenda, evaluation parameters and other relevant details on the hackathon page.</td>
</tr>
<tr>
<td><strong>Step 4:</strong> To proceed further, participants need to build their own team or join an existing team.</td>
</tr>
<tr>
<td><strong>Step 5:</strong> Joining our Discord server and Telegram group is mandatory.</td>
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To know more about the process, [click here](#).

<table>
<thead>
<tr>
<th>Pre-Hackathon Events</th>
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<tbody>
<tr>
<td><strong>Workshop:</strong> On Web Development</td>
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<td><strong>Workshop:</strong> On Blockchain</td>
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<td><strong>Workshop:</strong> On Do’s and Don'ts of Hackathon</td>
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<tr>
<td><strong>Workshop:</strong> On Git &amp; Github</td>
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<tr>
<th>Hackathon Begins</th>
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<tbody>
<tr>
<td>Your hack must be developed entirely during the Hackathon duration. You may use open-source libraries and other freely available systems / services such as Google Maps, Facebook Connect, Twitter feeds etc.</td>
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<thead>
<tr>
<th>Mentoring Session</th>
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<tbody>
<tr>
<td>11 March 2021 12:30 PM</td>
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<tr>
<th>Round 1: Prototype submission</th>
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<tbody>
<tr>
<td><strong>Step 1:</strong> All participants must select one theme. (please read the guidelines under the themes section)</td>
</tr>
<tr>
<td><strong>Step 2:</strong> Once the theme is selected, participants must build their solutions offline on their respective systems.</td>
</tr>
<tr>
<td><strong>Step 3:</strong> Participants must make their final prototype submissions in the requested format with all the necessary details.</td>
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</table>

For more details on how to make a submission, [click here](#).

<table>
<thead>
<tr>
<th>Mentoring Session</th>
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<tr>
<td>12 March 2021 04:30 PM</td>
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<table>
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<tr>
<th>Announcement of Top 10 Teams</th>
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<tbody>
<tr>
<td>After 1st Round evaluations top 10 finalists will be announced.</td>
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<tr>
<th>The Grand Finale: Virtual Presentations</th>
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<tr>
<td>The grand finale will include: Presentation from all finalists</td>
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<tr>
<th>AMA Session</th>
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<tbody>
<tr>
<td>14 March 2021 12:00 PM - 12:30 PM</td>
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<tr>
<th>Results and Closing Ceremony</th>
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<tbody>
<tr>
<td>14 March 2021 12:30 PM Onwards</td>
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</table>
EVALUATION PARAMETER
Projects will be judged on the following Criteria.

Round 1 - Evaluation Parameter

1. Code
   - Creative and Innovative
   - Quality & Level of Code
   - Use of Algorithms, APIs, Logic, Frameworks, and external libraries in code.

2. Design
   - Maturity of open-source technologies/frameworks used
   - Interface and design of APIs for analytical insights
   - Data and metadata management and scalability for higher volumes of data

3. Overall Usability
   - Use of relevant/latest dataset
   - Additional features/insights
   - Lesser bugs and Documentation
   - Collaborative tools and ease of solution adaptability

4. Implementation
   - Functionality and working of the prototype
   - Relevant metrics to be taken care of such as accuracy, adaptive mechanisms, etc.
   - Good coding/development practices to be followed.

Round 2 - Final Presentation Evaluation Parameters

1. Concept
   - Creative, novel, and innovative
   - Proposed Solution

2. Impact
   - Practical usability potential
   - Viability on a global scale
   - Relevance to the masses

3. Scalability
   - How much is implementation
   - Easy to understand and elaborate design
   - Assumptions and constraints

4. Idea-pitch
   - Overall demo of solution build
   - Technical and non-tech justifications

MENTORING SESSIONS AND AMA’S
During the submissions and evaluations various mentoring sessions and AMA (ask me anything) sessions will be conducted with some prestigious and well-known names from the industry. The sessions will cover informative and interactive sessions on the topics such as Blockchain, AI and GitHub etc.

For further details, contact:
Dr. Sujata Pandey; spandey@amity.edu ; +919871533368
Dr. Madhuri Kumari; mkumari@amity.edu ; +919891300776

Student Coordinators
Mr. Arshad Khan ; arshad.khan1@s.amity.edu | +918929422558
Mr. Aditya Oberai : adityaoberai1@gmail.com +918439056262
AmiHacks-Hardware Hackathon, a four-day virtual Hackathon which aims to push young students to provide practical and innovative solutions to real world problems. It is a platform to unleash innovative inventors worldwide and come together virtually to ideate, innovate and inspire one another and the community.

What is an online hackathon?

Online hackathons do not require you to go to a venue physically, just participate, and upload your project for judging before the end date. It is an innovation marathon like the traditional in-person hackathon that you can participate in from the comfort of your home!

General Rules and Regulations:
- Teams can consist of 1-8 members
- Anyone with a valid school/college I-card can participate.
- Every individual must be a member of just one team.
- Hackathon code of conduct: https://devfolio.co/code-of-conduct

Eligibility
- Students of Schools/Colleges/Universities (Age group – 14 to 25 years)
Hardware Sectors:

Tracks are open, any type of hardware project can be presented which could be related from any of the area:

- Health Sector
- Defence Sector
- Agriculture Sector
- Energy Sector
- Aeronautical Engineering
- Miscellaneous

The best demonstration will get prizes and all participants will get individual participation certificate.

Problem Statement by Industry – 1\textsuperscript{st} 2\textsuperscript{nd} & 3\textsuperscript{rd} Prize will be announced & sponsored by Industry.

Project Demonstration and Submission:

Phase -1:
- The participant or team will submit detail description of project ideas and register through google form.
- The selected project ideas will be eligible for second phase.

Phase – 2:
- The participant or team will get a deadline to submit their hardware design in a presentation manner.
- The student will also include the budget of their prototype.
- Prototype images or working videos are required to be submitted.

Phase – 3:
- Final demonstration of the working project. (Either in video or live demo)
- No Power point presentation is required.
- This phase will be organized at the time of Hackathon as Final Round.

Note: All the required information regarding project submission will be submitted through Google Form. Team or participants will get notification after each phase. The Google form link will be communicated through mail or poster.

Judging Criteria

The final project will be judged by a Jury based on the following criteria:

- **Innovativeness:** How innovative / creative / unique is the idea? Was there a novel approach applied to solve the problem?
- **Technical Competence:** How technically sophisticated / advanced was the solution?
- **Social Impact:** How impactful is the idea? How will it impact the society?
- **Commercial viability:** Is there a business potential? Market value of the product.

Mentoring Sessions and AMA

During the submissions and evaluations various mentoring sessions and AMA (ask me anything) sessions will be conducted with some prestigious and well-known names from the industry. The sessions will cover informative and interactive sessions on the topics such as
• Workshop Innovative Product Development with Commercial viability and Social Impact.
• Workshop on Cloud based Sensor Interfacing with IoT Technology
• Workshop on Product Designing and development

Prizes:
Prizes worth Rs. 25,000.00

Schedule Outline:
Day 1: 11th March: To be announced
Day 2: 12th March: To be announced
Day 3: 13th March: To be announced
Day 4: 14th March: To be announced

For further details, contact:

Faculty Organising Committee:
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Mr. Saket Kumar | +91-9811244053 | skumar39@amity.edu,
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Student Organising Committee:
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Ms. Harneet Narula | +918318938893 | harneetnarula31@gmail.com
Mr. Amaan Ahmad | +919582613550 | amaanahmad7038@gmail.com
AMIHACKS - LEGAL HACKATHON

AMIHACKS - LEGAL HACKATHON 2021

Theme/Area: **Improving the business of law and facilitating access to justice**

Ami-Hacks Legal Hackathon is a four-day virtual Hackathon which aims to encourage young students to create viable and innovative solutions to real-world problems. It is a platform for innovative developers, startup enthusiasts and budding entrepreneurs to come together virtually to ideate, innovate and inspire one another and the legal community.

**Objective of Ami-Hacks Legal Hackathon**

The Innovation and Technology concentration will help prepare young lawyers/students for employment outside of traditional legal jobs, such as in the industry that provides law-related goods and services such as– legal process outsourcing, electronic discovery services, online client lead generation, automated document assembly, online law practice management, and similar services.

It will help young lawyers to augment their techno-legal skills and ability to innovate. Ami-Hacks Legal Hackathon provides an opportunity for budding lawyers to innovate and ideate for delivering high quality and efficient legal services which can be achieved through the appropriate use of law practice, technology and other innovative practices.

It aims at bringing the legal industry together with tech and innovation, with the sole purpose of developing solutions for improving the legal industry globally. The above objectives are sought to be achieved by having presentation of ideas & deliberations in the presence of eminent persons working at the intersection of law and technology. Several mentoring sessions as well as webinars will be conducted to help the participants throughout the Hackathon.

**Who can take part?**

All school/college/university students shall be eligible to participate (Age group 14-25 years).

**General Rules**

- Teams can consist of 2-4 members.
- Anyone with a valid college I-card can participate.
- Every individual must be a member of just one team.

*Please note the teams may consist of members of different colleges.

**Project Submission Guidelines**

Teams can develop solutions that relate to either ‘**improving the business of law**’ or ‘**facilitating access to justice**’.

The teams can pitch their technological solutions in any of these fields:

- Usage of Artificial Intelligence in Legal Industry
- Smart Contracts or Contract Management
- Document Review and Assembly
- Legal Research
- Law Practice Management
- Legal Project Management
- Online Dispute Resolution
- Marketplace
- Knowledge Management
Expert Systems and Chatbots

- All the evaluations will be done by taking presentations remotely through MS TEAMS.

Judging Criteria

The final presentations will be judged by a Jury on the basis of the following criteria:
- Innovativeness: How innovative / creative / unique is the idea? Was there a novel approach applied to solve modern day issues?
- Technical Competence: How technically sophisticated / advanced / elegant was the solution?
- Impact: How impactful is the idea? Can it impact the lives of many people in a significant way? Is there a business potential?

Mentoring Sessions and AMA

During the submissions and evaluations various mentoring sessions will be organised

Prizes

Various Prizes

Registration


For further details, contact:

Ms. Swati Kaushal: skaushal@amity.edu
Dr. Chandrika: csingh3@amity.edu

Student Coordinators

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Ms. Devyani Prasad: pdevyani99@gmail.com +919999228974
Mr. Aakansh Prakash: aakanshprakash1511@gmail.com | +918860734215
Amity Institute of Food Technology is organizing “FOOD HACKATHON” on 11-14th March, 2021, as a part of AMITY YOUTH FEST ONLINE 2021. The participating teams shall develop unique food products targeting the need for continual innovations in the modern food processing sector. The developed food product would be judged on creativity and innovation in processing technique.

DEVELOPMENT OF INNOVATIVE IMMUNITY BOOSTER FOOD PRODUCT

1. Theme: Novel Food product with immunity booster properties.
   **Topic:** Immunity booster foods
   **Problem:** To develop a food product with immunity booster properties

   **Objectives:**
   - To maintain the nutritional value of food product after processing
   - Selection of raw materials with natural components which are responsible to enhance immunity.

2. Participants can develop products at home with available ingredients and record a video.
3. Participants supposed to submit a recorded video for developed food product based on the theme.
4. Upload the video on the following link - https://drive.google.com/drive/folders/1MKT832xQ3e3D_kv6eN4nNasE2D0g4xO-
   Or mail your video to youthaift@gmail.com
5. With video, it is must to upload details such as number of ingredients, any special additive and pictures of product in form of word/pdf document.
6. Also mention your name and institute name in this document file.
7. It is necessary to specify the role of every ingredient used during the development of food product.
8. Deviation from the theme in any form would lead to disqualification.
9. Registrations are free.
10. Last date of registration is 9th March, 2021.

Based on performance final prized will be given to team standing first, second and third. Prizes are distributed in the form of attractive cash amount.

**FIRST PRIZE**- Rs. 7000/- (Title of the award - Best presentation of a dish)

**SECOND PRIZE**- Rs. 4000/- (Title of the award - Professional Cook Award)

**THIRD PRIZE**- Rs. 2000/- (Title of the award - The best reproduction and appearance of a dish)
EVALUATION PROCEDURE:

Jury and Evaluation

1. Participants’ performance will be evaluated on following criteria:
   - Evaluation of the processing technique – Judge/judges will evaluate the importance of ingredient and the techniques used during processing with special reference to loss of nutrients during processing.
   - Evaluation of the final product – the evaluation of the final product will be judged by its expected nutritional value with special reference to its immunity properties and its presentation.

2. Evaluation is based on the following criteria:
   - Concept -40%
   - Process innovation -50%
   - Organization- 10%
**AMIHACKS - PHARMACY HACKATHON 2021**

Theme: Use of Technology for Enhancing Patient Compliance

Host Institute: Amity Institute of Pharmacy (Noida & Lucknow)

Dates for Competition: 11-14 March 2021

**Brief Details of Competition**

AMIHACKS - PHARMACY HACKATHON 2021 is a multidisciplinary event suitable for students from pharmacy, engineering and management institutions aimed to design and develop a user-friendly app in order to enhance patience compliance. The event aims to tap the potential of budding innovators to develop a robust app to strengthen the existing healthcare system.

**Eligibility**

Students of Schools/Colleges/Universities (Age group – 14 to 25 years)

**Guidelines**

- Registration is free
- Proposals can be submitted by email: amihackspharmacy@gmail.com
- The team shall conceptualize and develop an app for enhancing patient compliance
- Each team shall comprise of 3 members
- 03 Judges having expertise in pharmacy, engineering and management profession will be deputed for evaluation of projects submitted by students.
- Evaluation shall be carried out on the following criteria:
  a. Novelty
  b. Application
  c. Cost effectiveness
  d. User friendly
  e. Sustainability
- Each criterion is assigned 10 marks; total 50 marks

**Prizes**

- I Prize: ₹ 3000/- & Gift Hamper
- II Prize: ₹ 2000/- & Gift Hamper
- Special Prize: Gift Hamper

**Rules**

- All participants must have laptop/PC/mobile to participate and must have access to good internet connectivity.
- Any misconduct by the participants towards any of the organizers or any of the University faculty members shall lead to the disqualification of the participant.
➢ By participating in this competition, the contestant agrees to accept the terms and conditions of the competition.
➢ The decision of the organizers / competition judges will be final and no communication in this regard will be entertained.

Faculty Coordinators

Dr. Rajeev Kharb (+919855128476), Dr. Dipti Srivastava (+919936425879)

Mr. Nitesh Chauhan (+919999536317)

Student Coordinators

Mr. Rohan Nagpal (+919599441919), Mr. Siddharth Rastogi (+917565828371)

Mr. Ankush Singha (+916296926038)
Amity Institute of Horticulture Studies and Research is organizing ‘Postharvest innovations Hackathon’ on 11th – 14th March 2021 as part of AMITY YOUTH FEST ONLINE 2021. The idea of planning this event is to bring together the ideas and to showcase the possible innovations to reduce losses at different steps of horticulture supply chain and which suit to economic capacities of small-scale horticulture stakeholders.

**Background:** In the past decade, India has seen a continuous rise in horticulture production and presently ranks second at the global level. The total horticulture production was estimated to be more than 320 million tonnes and has the potential to increase more. But due to lack of affordable infrastructure and necessary awareness 20-30 % of total production is lost. There are several innovations available till date to increase storage life or maintain quality, but in a nation with the majority of small landholder farmers, sometimes it becomes economically not feasible to adopt these technologies. Designs suitable for small-scale stakeholders which are economically feasible and ease to use would assist in bringing down the levels of postharvest losses and there by increase farmer income.

**Guidelines:**

Step 1: Participants shall choose and create a conceptual model from pre-defined themes given below catering to Identified Challenges

Step 2: Submit the innovation details to the coordinators before 5th March 2021 and register for competition. Proposal should include sections such as Concept/Idea, Novelty, Viability, User-directions, Competitive advantage.

Step 3: Selected participants shall present the idea and record the presentation. The recorded video link is to be sent to coordinators by 11th March 2021. If possible, presenting a working prototype is encouraged.

**Themes:**

1. Harvest and produce handling at field level;
2. Transportation of produce;
3. Storage;
4. Produce handling at retail and consumer level

**Outcome of the program:**

To identify the innovations which prove to be practical solutions to reduce postharvest loss in horticulture crops.

**Open to anyone:**

Open to students, entrepreneurs, budding researchers, young professionals, startups etc. The mix of people with diverse backgrounds and expertise with newer and wider perspectives is encouraged.

**Evaluation Criteria:**

- Concept: Clarity in the concept and whether the challenges are addressed effectively.
- Novelty: The concept should be novel and innovative and not a recreation of a preexisting one
Viability: Feasibility of the solution and a realistic chance of being adopted concerning economic and social conditions.
Ease of Use and User Interface – User-friendly and easy to understand by the end consumer

Registration is free

Prizes:
FIRST PRIZE- Rs. 8000/-
SECOND PRIZE- Rs. 5000/-

Competition Rules
- No more than 4 members to one group
- Presentation in English language
- Solutions developed must strictly adhere to the specified themes
- Participants will be expected to come up with new and innovative ideas. Any idea that has been copied from elsewhere will be disqualified.
- No outsourcing is allowed
- If any of the rules are broken, the entire team shall be disqualified.

Coordinators:
Chairman: [Dr Nutan Kaushik - nkaushik5@amity.edu]
Faculty Coordinators: [Dr Vijay Yadav – vytokala@amity.edu] | [Dr Anshu Sharma – asharma32@amity.edu] | Student Coordinators: [Ms Megha – megha2@s.amity.edu] | [Ms Anshika Chauhan – anshika.chauhan4@s.amity.edu]
Host Institute: Amity Institute of Organic Agriculture (Noida)

Dates for Competition: 11-14 March 2021

Brief Details of Competition:

AMIHACKS - AGRICULTURE HACKATHON 2021 is a multidisciplinary event suitable for students from Agriculture, Horticulture, Engineering, Basic sciences, Social Science and Management institutions. With an aim to provide a virtual platform to share Agriculture Innovation for betterment of rural and urban people, we invite innovative ideas which may help to enhance livelihood opportunities and living standard of urban and rural India.

OBJECTIVES:

To promote social and economic development, eco-friendly environment and healthy lifestyle for rural and urban people.

Who can take part?

All school/college/university students shall be eligible to participate (Age group 14-25 years).

Guidelines

- Registration is free (Date of registration is from 15/02/2021 to 08/03/2021)
- Registration Link: [https://docs.google.com/forms/d/e/1FAIpQLSf5UCK5ziBRkAllhquTPwQ1DOZivkyDYr0k0Wun2mT4PqS-Tg/viewform](https://docs.google.com/forms/d/e/1FAIpQLSf5UCK5ziBRkAllhquTPwQ1DOZivkyDYr0k0Wun2mT4PqS-Tg/viewform)
- Proposals can be submitted by email: exploreagriaioa@gmail.com before 08/03/2021.
- The team shall conceptualize and develop an innovation for enhancing rural and urban development.
- Each team shall comprise of minimum 1 to maximum 3 members
- Three Judges having expertise in Agriculture, Basic Science and Management profession will be deputed for evaluation of projects submitted by students.

Evaluation shall be carried out on the following criteria:

1. Novelty
2. Application
3. Cost effectiveness
4. User friendly
e. Sustainability

➢ Each criterion is assigned 10 marks; total 50 marks

Mentoring Sessions and AMA (ask me anything)

During the submissions and evaluations various mentoring sessions will be organised

Prizes

Various Prizes

Rules

➢ Late entries of proposals will not be entertained.
➢ Every participant must ensure that they have good internet connectivity.
➢ Any misconduct by the participants towards any of the organizers or any of the University faculty members shall lead to the disqualification of the participant.
➢ The decision of the organizers / competition judges will be final and no communication in this regard will be entertained.

Faculty Coordinators

Dr. Deepak Sapkal (+919960632728), Dr. Chitranjan Kumar (+919839316189)
Dr. Rachna Rana (+919158619187)

Student Coordinators

Mr. Kumar Mrityunjay Aman (+919711521161), Mr. Divyansh Mishra (+919990703362), Ms. Jyoti Malik (+919560307952), Ms Jaya Kumari (+917827045883)
AMIHACKS – AERO-AUTO HACKATHON

AMIHACKS-AERO -AUTO HACKATHON 2021
Theme: Aeronautical and Automobile Engineering

Ami-Hacks, Aero-Auto Hackathon, a virtual Hackathon which aims to push young students to exhibit your design skills in context to COMPUTER AIDED DESIGN of Aero-Auto components. It is an opportunity for budding designers to showcase their design skills. The competition would allow the students to display their forte in Computer Aided Designing by using their cognitive, analytical, problem solving and designing skills.

What is an online hackathon?
Amity Institute of Technology, a joint initiative of Amity University and Tata Technologies, is organising an online hackathon for students to showcase, participate and upload their project for judging before the end date. It is an innovation marathon like the traditional in-person hackathon that you can participate in from the comfort of your home!

General Rules and Regulations:
• Teams can consist of 1-4 members
• Anyone with a valid school /college I-card can participate.
• Every individual must be a member of just one team.
• The hackathon will be organised in two categories; 1. School students category; 2. College students category. The school students are expected to do the design and drafting as per judging criteria III. The college students are required to meet all the three judging criterions.

Eligibility
• 1. The students of 9th -12th standard in School students category
• 2. The students of first year to third year of B.Tech. /B.Arch programmes of various recognised colleges and universities in College students category.

The best demonstration will get Merit certificate and all participants will get individual participation certificate. The attractive prizes will be given to the winners.

Judging Criteria

Participants would be judged upon the following criterion:

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<tr>
<td>Attribute 1.1: Minimum Number of Features</td>
<td>Attribute 2.1: Assembly Approach</td>
<td>Attribute 3.1: Assembly/Part Views</td>
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<td>Attribute 1.2: Redundant Elements in Model Tree</td>
<td>Attribute 2.2: Constraints Used</td>
<td>Attribute 3.2: Attributable/Broken Views</td>
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<tr>
<td>Attribute 1.3: Modelling Approach: Analytical/Logical</td>
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<td>Attribute 3.3: Dimensions</td>
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Organising Committee:

Faculty Coordinators:

<table>
<thead>
<tr>
<th>Name</th>
<th>Designation</th>
<th>Contact</th>
<th>Email</th>
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<tbody>
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Student Coordinators:

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<thead>
<tr>
<th>Name</th>
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<th>Contact</th>
<th>Email</th>
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<tbody>
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