

Samrat Ashok Technological Institute, Vidisha (M.P.)



Department
Of
Computer Science & Engineering

SESSION-2021-22



Event Report on Internal Hackathon 2022

<p>About Smart India Hackathon 2022 Smart India Hackathon (SIH) is a nationwide initiative to provide students with a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem-solving. The first four editions: SIH2017, SIH2018, SIH2019 and SIH2020 proved to be extremely successful in promoting innovation out-of-the-box thinking in young minds, especially engineering students from across India. The 5th edition of SIH is announced in 2022. It brings the next generation evolution by inclusion of new methodology to inculcate the culture of startup and innovation ecosystem. The first step to participate in SIH-2022 is to join Internal Hackathon 2022.</p> <p>More about SIH- https://sih.gov.in/</p> <p>About Internal Hackathon 2022 Secure top rank in Internal Hackathon is the first requirement for participating in the SIH. This year Internal Hackathon 2022 is organizing in the campus- <ul style="list-style-type: none"> ➤ to block the Problem Statements (PSs) ➤ to finalize the best 10 teams & 05 waitlisted teams to be participate in SIH-2022 from the institute SATI Startup Cell previously organized the Internal Hackathon successfully in year 2019 and 2020.</p> <p>Climptes of Previous Events- https://startup.satiengg.in/happening</p> 	<p>Why Join Internal Hackathon-2022?</p> <ul style="list-style-type: none"> ➤ Chance to participate in SIH-2022 ➤ Chance to compete amongst one another as a team, offer technical solutions to real-world problems ➤ Get a chance to win first prizes worth up to 1,00,000 for each PS, and more. ➤ National Recognition ➤ Chance to proof yourself as a talented youngster from all over the country offering out-of-the-box solutions <p>Themes</p> <ul style="list-style-type: none"> ➤ Smart Education ➤ Smart Automation ➤ Smart Vehicles ➤ Robotics and Drones ➤ Blockchain & Cybersecurity ➤ MedTech/ BioTech/ HealthTech ➤ Agriculture & FoodTech ➤ Rural Development ➤ Clean & Green Technology ➤ Renewable and Sustainable Energy ➤ Tourism ➤ Heritage & Culture ➤ Transportation & Logistics ➤ Disaster Management ➤ Fitness & Sports ➤ Miscellaneous <p>Contact Us (SPOC) Mobile: 08827133880 E-mail: startupcell@satiengg.in Web: https://startup.satiengg.in/happening/interal-hackathon-2022</p> <p>Venue: Samrat Ashok Technological Institute (SATI), Vidisha (M.P.), India</p>	<p>INTERNAL HACKATHON-2022 From 24/03/2022 to 25/03/2022</p> <p>Who can participate ...? Regular Students of SATI pursuing Graduate/Post-Graduate will be able to participate in Internal Hackathon and further in SIH Senior (Sr) group organizing by MHRD Innovation Cell (MIC).</p> <p>Process Flow-</p> <ul style="list-style-type: none"> ➤ Make team, find the solution amongst 92 hardware or 443 software Problem Statements (PSs) available (online) at https://sih.gov.in/sih2022PS ➤ Participate in Internal Hackathon with solution ➤ Secure rank in top 10 teams or 05 waitlisted teams from Internal Hackathon 2022 ➤ Selected teams get chance to participate in SIH2022 Software/Hardware edition. <p>REGISTER ONLINE Application with Idea/Solution PPT in the prescribed format must submit on or before March 20th, 2022 via link-</p>  <p>https://forms.gle/12draGov75GFUedW8</p> <p><small>Note: One female student is compulsory in the team with total 6 team members including team leader. Further, norms will be followed to fulfil the requirements of SIH-2022.</small></p>
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Date of event: 24/March/2022 to 25/March/2022 Venue: Smart Classroom, SATI- Vidisha (M.P), India

About SATI Vidisha

Samrat Ashok Technological Institute (SATI) is a premier institute of the region was established by Late Maharaja Jiwaji Rao Scindia on November 1st, 1960 with a donation from Gangajali Trust fund. The Institute offers 10 full time Under Graduate and 09 full time Post Graduate courses in the area of Engineering, Science and Management. It is an autonomous institute, which is fully funded by Govt. of Madhya Pradesh and managed by the Maharaja Jiwaji Rao Education Society chaired by Hon'ble Shrimant Jyotraditya M. Scindia. The college campus is spread over an area of 85 acres of lush green land with natural surroundings.

About CSE Department, SATI

The Department of Computer Science and Engineering at S.A.T.I was established in the year 1987 with an intake of 30 student seats of Bachelor of Engineering in CSE. In the year 2000, the intake of BE CSE program has been increased to 60. Which has been increased to 120 in the year 2017-2018. Subsequently, in the year 2001, Department started the courses on Master of Technology in Computer Science and Engineering (CSE) with the intake of 25. In the year 2020, department started B.Tech. in Artificial Intelligence and Data Science (AIADS) with intake of 60 seats. Also, in the year 2021, department started B.Tech. in IoT, Cyber Security & Blockchain (ICB) with intake of 60 student seats.

About Start-Up Cell, SATI

Startup Cell, SATI Vidisha with the aim of creating the culture to become Job creators rather than job seekers. With this aim startup cell is working towards developing entrepreneurs/ startups to meet the present day demands. Also, encourage students to embrace the ideas of starting their own venture and to inspire/ guide young entrepreneurs/ startups. Towards this aim Startup Cell hosted various conclaves, startup meet, competitions, workshops, expert sessions, innovative games, etc. for aspiring entrepreneurs and support them by providing necessary resources such as funding, mentoring, consultancy and networking for the students. In continuation, this year also organizing Internal Hackathon to bring the next generation evolution and inculcate the culture of startup and innovation ecosystem. For more details-

<https://startup.satiengg.in/>



Samrat Ashok Technological Institute (SATI), Vidisha (M.P.)



INTERNAL HACKATHON - 2022
On
24th to 25th March, 2022



Organized By
Department of Computer Science & Engineering (CSE)

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Notesheet

MSME Incubation Centre of the Institute

Date: 14/02/2022



Permission to conduct One Day national Workshop/Seminar on PMS Scheme as Technical Partner with organizers' MSME DFO Indore, Ministry of MSME, New Delhi in association with Government of Madhya Pradesh.

As per the office letter of MSME-DFO, Ministry of MSME, Gol, dated 09/02/2023 in respect to organize the One Day National Workshop on Procurement and Marketing Support (PMS) as Technical Partner of the event under the banner of MSME. Also in this event, our students will get opportunity to present poster or projects in exhibition, stage to perform cultural event, and experience to organize the national workshop.

Event Name: One Day national Workshop/Seminar on PMS Scheme

Organizer: MSME DFO Indore, Ministry of MSME, New Delhi

In Association with: Govt. of MP

Date of Event: 23/02/2023 (Day-Thursday)

Venue: Utopia Hotel, Vidisha

As per the availability please permit to book 1 room in guest house for the guest from evening 22/02/2023 to Morning 24/02/2023. Also, permit students' participation in project exhibition, culture activity, photography and help to organize event with organizers.

Kindly permit us to organize the above event and nominate one faculty from institute as Nodal Officer for the event. Instruct the guest house in-charge to book rooms as above and also instruct transport in-charge to provide vehicle facility to reach the venue from institute with approx. 20 students along with faculty members.


Dr. Sweety Jain
Coordinator IPR
IIC


Dr. Divya Rishi Sahu
Nodal Officer,
MSME Incubation Scheme,

~~Registrar Sir-~~

Shri Registrar Sir

GA
13/2/23

Dr. Sunil Joshi conducted a Staff Training Program on Excel and PowerPoint.



Value Added Course

The Department of CS and IT has organized a value-added course on python programming language. The course was designed for undergraduate students of the institute. The main objectives of the programme were to enhance the coding skills, employability and professionalism among the students. The programme was a great success with more than 100 participants. The learners were introduced to the fundamental and advanced concepts of python programming language. The students who have successfully attended the programme with 75% of attendance and submitted the assignments and projects were awarded a certificate of course completion.

The programme was organized under the noble guidance of **Dr. Kanak Saxena** and coordinated by **Dr. Sunil Joshi** and **Dr. Sandeep Raghuvanshi**.

The sessions of the programme were delivered by **Dr. Sunil Joshi, Dr. Sandeep Raghuvanshi, Prof. Ramratan Ahirwar** and **Prof. Sourabh Sharma**.





कार्यालय

Notesheet

Date 6/4/22

The MSME Idea Hackathon 2022 is an initiative of the MSME Incubation Scheme in which SAT one of the approved Host Institutes (HIs). Under this scheme SATI has received the 08 proposals for the Grant upto 15 Lakhs that will be provided by the MSME GoI after three level evaluation.

As per the approval on notesheet dated 02/04/2022, the availability of expert members of the committee and the availability of one nominated member from the MSME DI Indore, we want to organize the first level of evaluation on 08/04/2022 from 01:00 PM onwards.

Placed for your kind permission and recommendation of Travelling Allowance with honorarium as per institute norms for the external committee members enclosed herewith for first stage evaluation at Host Institute Level.

Sr. No.	Name of Expert	Designation	Department/ Organization
1	Dr. Ravi K Dwivedi	Prof. & Head in CoE Smart Manufacturing	MANIT, Bhopal
2	Mr. Saurabh Mishra	Director	Seegull venture Pvt. Ltd. Bhopal
3	Mr. Sudesh Morey	MD	DRZM System Innovation Pvt. Ltd., Bhopal

Dr. Divya Rishi Sa
Coordinator, Start-up C

- Registrar Sir

forwarded to Director for necessary permission to

Director Sir,

Permitted
6/4/22

6/4/22
(Registrar)

Startup and Incubation Activities

- Institute organized the Internal Hackathon 2022 on 24th and 25th March 2022 to promote the culture of startup and product development on real-life problems. In the event, 14 teams of 6 students each participated. The convener of the event was **Dr. Kanak Saxena** and the Coordinator of the event were **Prof. Satish Pawar** and **Dr. Divya Rishi Sahu**.
- Institute is registered under the 'KAPILA: Kalam Program for IP Literacy and Awareness' scheme that provides financial assistance to the institutions for filing patents. KAPILA scheme also supports the appropriate awareness regarding the need for IP filing, mechanism, and methodology involved in filing IP in India and globally, especially amongst students and faculty. **Dr. Pankaj Agrawal** is the Chairperson and **Dr. Divya Rishi Sahu** is the Convenor/SPOC for the Institutional committee for KAPILA.
- Institute conducted the MSME Idea Hackathon 2022 under the MSME Incubation Scheme in which 08 teams of institute students participated and 04 teams were selected for the first round. The scheme is providing assistance of up to 15 Lakhs to start the MSME/ Startup under the incubation center.
- Institute conducted an expert talk on IP awareness on the occasion of IP Literacy week under the KAPILA scheme. The eminent speaker of the talk was Ms. Mehak Batra, Examiner of Patents & Designs, Patent Office, Mumbai, DPIIT, Ministry of Commerce and Industry, GoI. The event was coordinated by **Dr. Pankaj Agrawal, Dr. Ashish Manoriya** and **Dr. Divya Rishi Sahu**.
- Institute broadcasted the inauguration of MP Startup Policy 2022 on 13th May 2022 at Kailash Satyarthi Hall to promote the culture of Startup and Incubation. In the event, more than 500 students, staff members, and faculty members participated. The event was coordinated by **Dr. Divya Rishi Sahu**.

• **Dr. Sandeep Raghuwanshi** delivered an expert session on the topic “Machine Learning with Python” on 24th May 2022 in Samrat Ashok Technological Institute, Polytechnic College, Vidisha (M.P.).

• **Dr. Kanak Saxena** has been a member of the editorial board of International Journal of Scientific Engineering Research (IJSER).

• **Dr. Sandeep Raghuwanshi** has been the Program Committee Member and Reviewer in the 2022 IEEE World Conference on Applied Intelligence and Computing (AIC 2022) held from 17th - 19th June 2022. He has also been a Technical Program Committee Member, Session Chair, and Reviewer in the 4th International Conference on Machine Intelligence and Signal Processing (MISP 2022) organized by the Department of Computer Science and Engineering, National Institute of Technology, Raipur, India. He has been a Member of the Technical committee IEEE conference (IHCSP 2022) organized at MANIT, Bhopal. He was also the Judge of the D-Evolution competition event organized at RGPV, Bhopal.