



**Innovation Cell**  
National Institute of Technology  
Raipur, India  
f i t i n

# INNOVATION CELL



## BROCHURE



# ABOUT US

NIT Raipur has become a hub for innovation and entrepreneurship. Organizations like NITRRFIE and the Innovation Cell NITRR provide support and resources to startups and student entrepreneurs. The Makerspace offers a collaborative workspace for tinkering and creation. These initiatives have created a thriving environment for entrepreneurship, contributing to socio-economic development.





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# AIMS & VISION

With 'Innovate, Collaborate, Elevate' serving as our guiding motto, the Innovation Cell at our college not only inspires but actively cultivates a culture of innovation and collaboration.

Our mission is to catalyze youthful innovation, providing robust mentorship and nurturing an entrepreneurial ethos that drives economic advancement.

Within this transformative academic environment, our vision is to embed innovation in the fabric of every community member's experience.

AVINYA, our flagship event, stands as a vibrant celebration of ingenuity in Central India, serving as a pivotal platform for meaningful collaboration between inventors and investors.

The primary objective is to instill an innovative mindset in students, offering support to promising innovations through seed grants and incubation, and showcasing the inventive spirit that thrives within our community. AVINYA not only inspires but actively contributes to the journey of bringing ideas to life by providing essential inspiration, guidance, and funds.

The Incubation Cell is strategically aligned with the overarching mission, aiming to incubate the most promising start-ups by the conclusion of the event and guide them towards success.

Through various events, we encourage and showcase the innovative spirit in diverse ways, ensuring that innovators receive the inspiration, guidance, and financial support necessary to breathe life into their ideas.





# AVINYA '24



AVINYA offers a unique platform for inventors to showcase their ideas to investors. It goes beyond a simple event and provides a dynamic environment for innovation and collaboration. Through its various components, AVINYA aims to inspire, connect, and empower the region's innovators.



# GLIMPSES OF AVINYA '24







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# EVENTS



"DIGDARSHAK" ACT  
PRESENTED BY  
**ATDC CLUB**



"GROUP GOL"  
STAND-UP  
COMEDY BY  
**KSHITI SHARMA**



"SERENADE UNDER THE STARS" PRESENTED BY  
**RAAGA CLUB**





# BEYOND BOOKS

## The speaker session

The speaker sessions and panel discussion at Beyond Books aim to inspire and educate innovators. The speaker sessions will feature successful entrepreneurs sharing their journeys and insights, while the panel discussion will focus on the complexities of large-scale projects. Both events will provide valuable information and guidance for aspiring innovators.



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संस्थानों में से शीर्ष 25 में शामिल  
रायपुर। राष्ट्रीय प्रौद्योगिकी संस्थानों में से एक बना गया 7





# THE PITCHING EVENT

## InnoVision Summit : Unleashing Innovation

The ultimate showdown of innovation and ingenuity, the InnoVision Summit is the electrifying technical event hosted by Innovation Cell, where innovators take the center stage to unveil their creative masterpieces before industry experts.

Picture this: Innovators crafting compelling presentations, pitching their groundbreaking ideas for a chance to shine. But we're bringing startups and the general public into the mix! Using our cutting edge app, Innovation Cell creates a virtual investment environment with digital currency, our audience will bid on these ingenious ideas in a virtual arena, creating a revolutionary connection between the crowd and the startup world.

The stakes are high, and the rewards are even higher! The pitchers who rake in the most profits won't just earn applause; they'll walk away with seed grants and an exclusive ticket to our Incubation Cell- NITRRFIE, which will be their launchpad, providing mentorship, opportunities, and the funds needed to turn their ideas into resounding success. Don't miss out on this groundbreaking event it's where innovation meets investment, and dreams turn into reality!

### Requirements and ways to register.

You can apply for the InnoVision Summit if you are:

1. Ideation stage startups
2. Early- stage enterprise (generally revenue-generating and pre-Series A) with at least 2 years of operations
3. Purpose- driven/social enterprise (targeting a problem affecting those at the bottom of the economic pyramid or a large disadvantaged demographic); and
4. Technology- enabled (leveraging the impact-scaling potential of technology)

**Link to register:** <https://nitrrie.accubate.app/ext/form/877/1/apply>





# TECHTATVA

## The Innovation Expo

The Innovation Expo being conducted by the Innovation Cell at NIT Raipur stands as a beacon of ingenuity, bringing together a diverse array of groundbreaking projects and cutting-edge technologies. This dynamic showcase serves as a testament to the institution's commitment to fostering innovation and entrepreneurial spirit.

The Expo provides a platform for visionaries, researchers, and budding entrepreneurs to exhibit their inventive solutions, ranging from transformative tech advancements to sustainable initiatives. Attendees would be immersed in a vibrant atmosphere where creativity knows no bounds, as they engage with interactive displays, witness live demonstrations, and gain insights into the forefront of innovation.

More than a mere exhibition, the Innovation Expo is a convergence of ideas, a catalyst for collaboration, and a celebration of the transformative power of innovation within the NIT Raipur community and beyond.





# SEED GRANT

Idea	Idea Domain	Student Team / Members name	Seed Grant
HeartbeatsAI: automatic heart sound diagnosis	Healthtech	Ashutosh Patel, Vivek Kumar	RS 25,000/-
Climate Mitra	Agritech , drone	Nikhil Gupta, Payal Agrawal, Mukesh Kumar Dey	RS 25,000/-
Fire Squall	consumer tech , safety alarm	Ayan Paliwal, Wise Khan, Soumya Upadhyay, Hashiba Aman	RS 25,000/-
Air Dribble	artificial intelligence	Chahat, Biswas, Shreyansh	RS 25,000/-
Automatic Irrigation using IOT	Agritech , drone	Sathvik S, Utkarsh Meshram, S Kushal Kumar	RS 25,000/-
Smart weeding robot	Agritech	Chandrika Geddada, Aditya Ray, Pratham Gandhi, Chanchal Thakur	RS 25,000/-
Movement Detector Program	tech	Nomesh Patel, Anadi Agrawal, Aniket Kumar	RS 25,000/-
Text Summarizer	tech	Srishti Soni, Harsh Kilaji	RS 25,000/-



# I-TALKS

## SILICON VALLEY STARTUP

Archit Ojha is a youngest ever dignitary speaker of the prestigious Expert Lecture series of NIT Raipur. We conducted a highly insightful I-talk themed The Startup Ecosystem in Silicon Valley and Career Trajectories Post-NIT with Mr. Archit Ojha (BME/2016) on 12th Sep. 2023.



**ARCHIT OJHA**  
Silicon Valley Startup Guru



# WORKSHOP



**MR. APAR GUPTA**

**Founder of Blu Oceans pvt. ltd.**

Innovation Cell in collaboration with the Robotics Club of NIT Raipur, hosted a session on "Deep Learning in AI and Robotics," led by Mr. Apar Gupta, founder of Blu Oceans Private Limited, on 10 November 2024. Mr. Gupta provided an in-depth look at AI-driven innovation, explaining complex topics like deep learning and highlighting his team's use of these technologies to address major challenges in robotics automation. He also discussed Blu Oceans' initiatives in fields such as space technology and medical advancements, showcasing AI's potential beyond traditional applications. Through practical examples, he demonstrated how AI is reshaping industries and driving transformative solutions, leaving attendees inspired about the future possibilities in AI and robotics.



Session On 10 November 2024

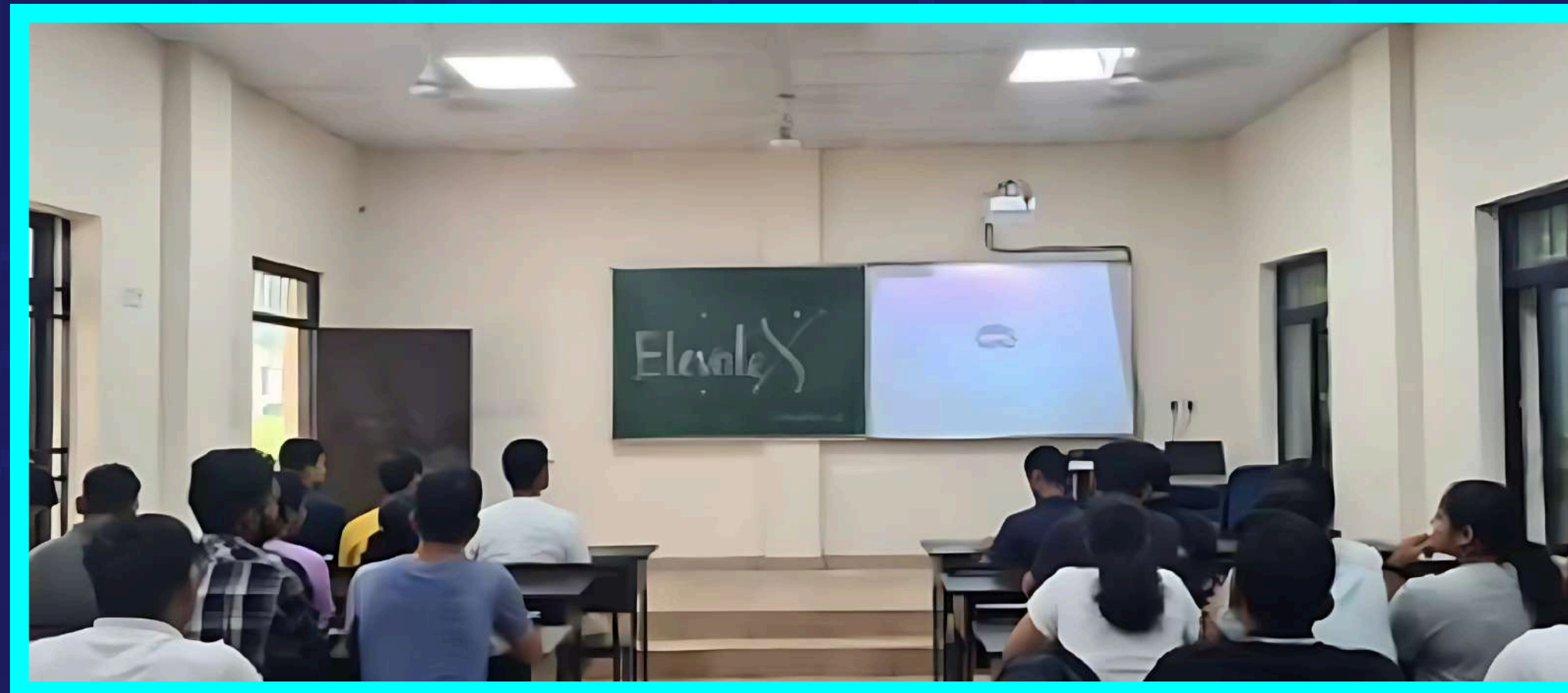




# ElevateX

AN ENTERPRERNEURAL TRIVIA

**An Interbranch Quiz Competition concerning questions about start-up ventures and daily life tech usage was conducted from 22nd to 24th Aug. 2023 with prizes worth 25k distributed.**







# EVENT PUBLICITY

## A Visit to ALT Labs

**A Visit was organised to the Atal Tinkering Labs (ATL) of Govt. High School, Latabod; Swami Atmanand Boys School, Balod; and Govt. Girls Model Higher Secondary School, Balod on 14th October 2023, with an objective to inspire and educate the students about the world of innovation, engineering, the process of starting a new venture, and to motivate them to consider a career in these fields**







# EXPERT SESSIONS



**ADITYA AGRAWAL**

Ms Northeastern University , Ex - Tesla  
Founder of SuperU.ai



**DHRUV SINGH**

Jury manthan MIC , SIH  
Founder of Samajh.ai



**AKASH AGRAWAL**

Founder ZOFF Foods





# PAST SPEAKERS



**Mr. Archit Ojha**  
The startup ecosystem  
in silicon valley



**Mrs. Beena Trivedi**  
Managing Partner IL & SF  
investment Managers Ltd



**Mr. Mandar Josh**  
i Angel Investor, Media  
Producer, Theater Actor



**Mr. Pranjal Kamra**  
Cofounder of Finology  
Ventures Pvt. Ltd.



**Mr. Sandeep Jain**  
Founder,  
Geeks For Greeks



**Mr. Ankit Sirmorya**  
Career in data science



**Mr. Rishikesh Pandey**  
Invention to Innovation



**Mr. Samveg Thaker**  
Startup as a  
student student



# PAST SPEAKERS



**Mr. C Krishna Chaitanya**  
**Development &  
Prototyping**



**Mr. Kuldeep Pisda**  
**Successfull start ups  
founder**



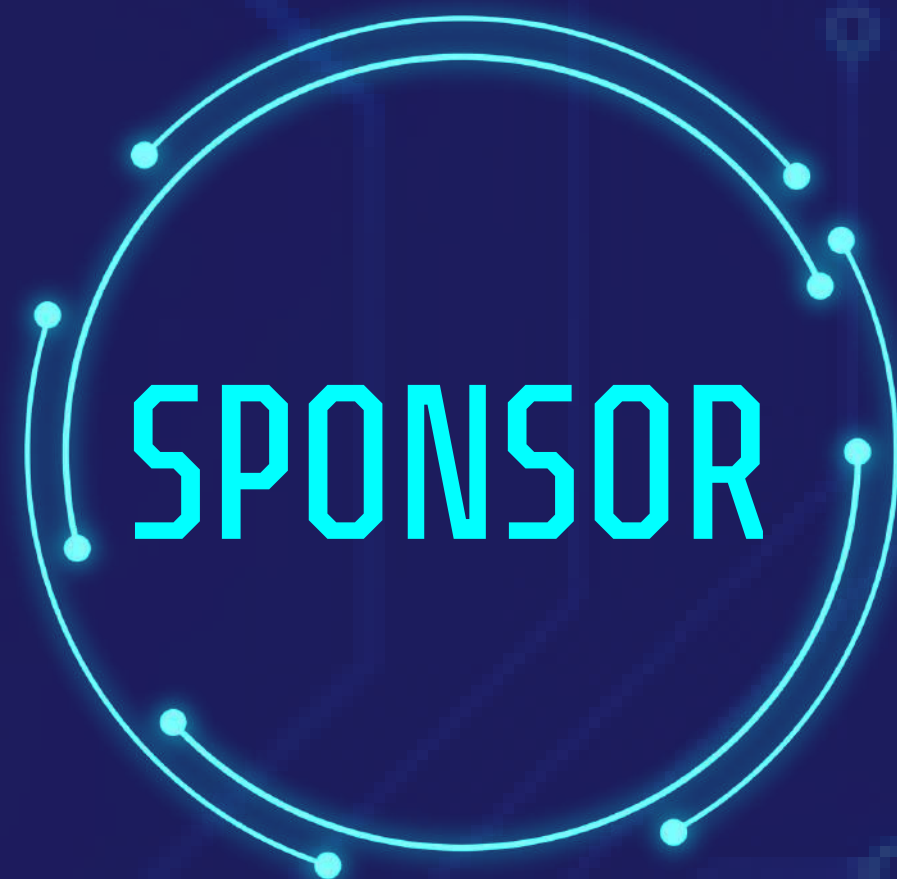
**Mrs. Disha Kaushal**  
**Design thinking  
workshop**



**Mr. Shivam K Singh**  
**Being solution  
oriented**



# SPONSOR CATEGORIES



TITLE SPONSOR  
1.5 LAKH +



PLATINUM SPONSOR  
1 LAKH



GOLD SPONSOR  
70 K- 1 LAKH



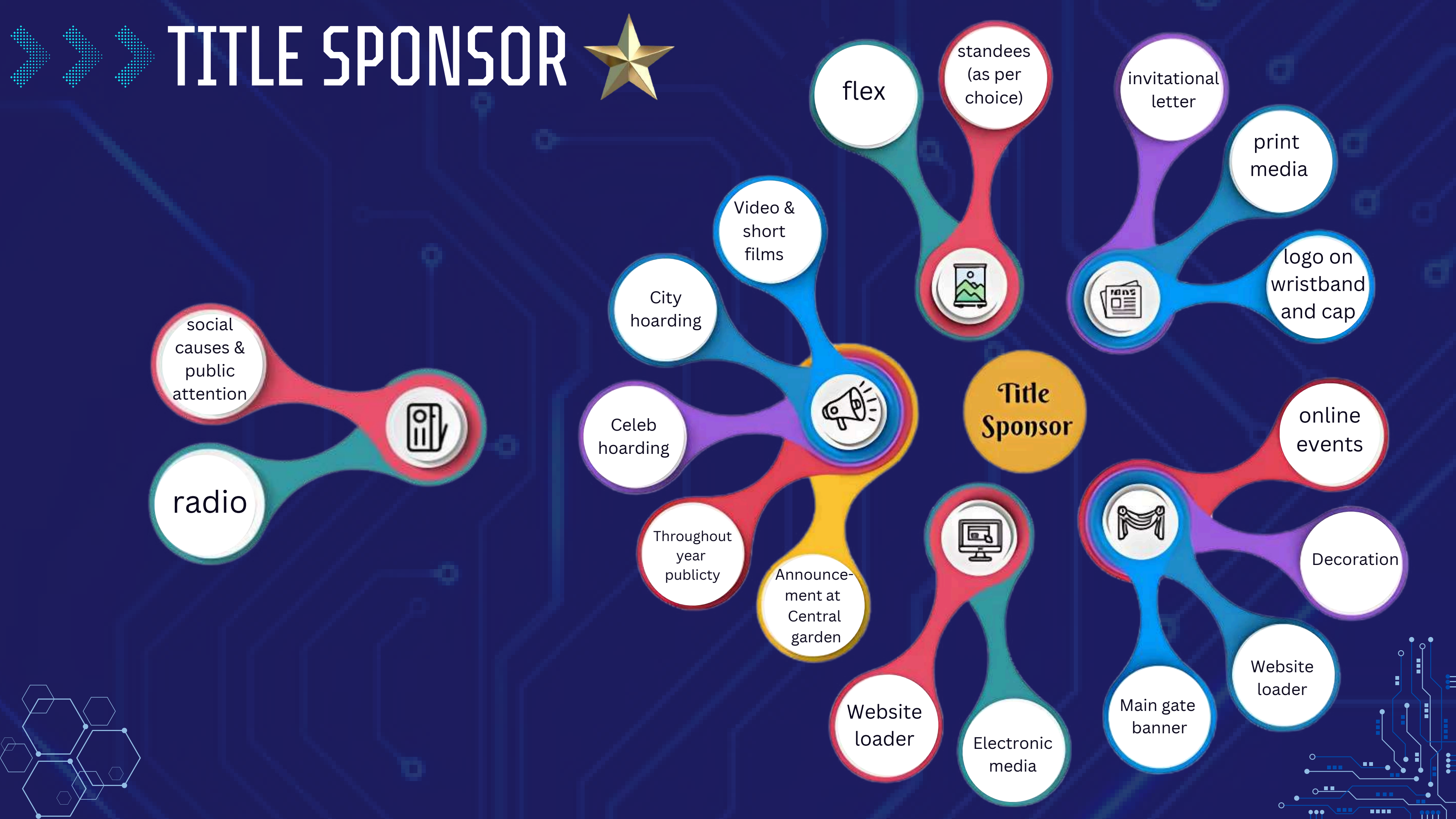
SILVER SPONSOR  
50K - 70K



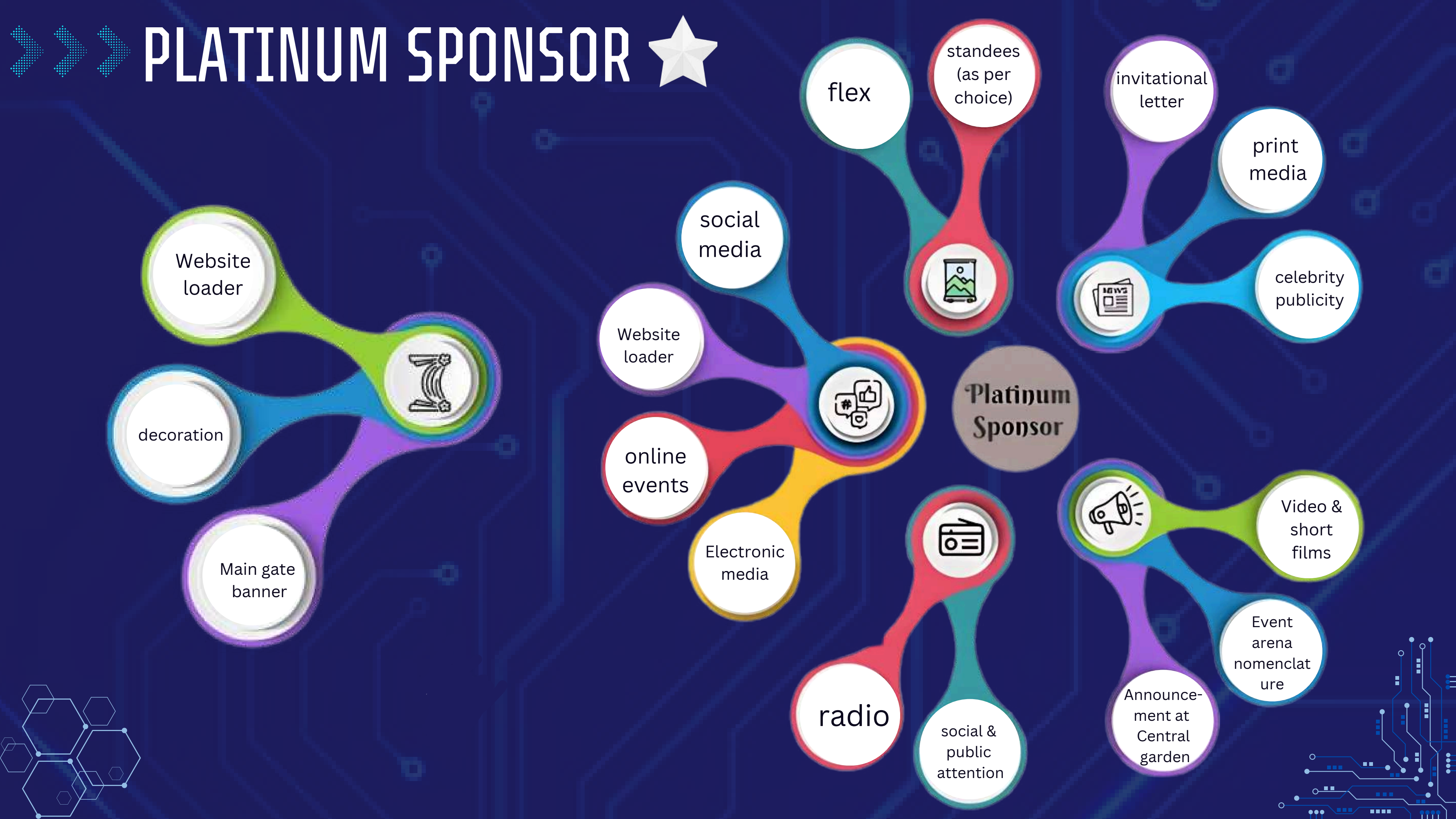
BRONZE SPONSOR  
30K - 50K





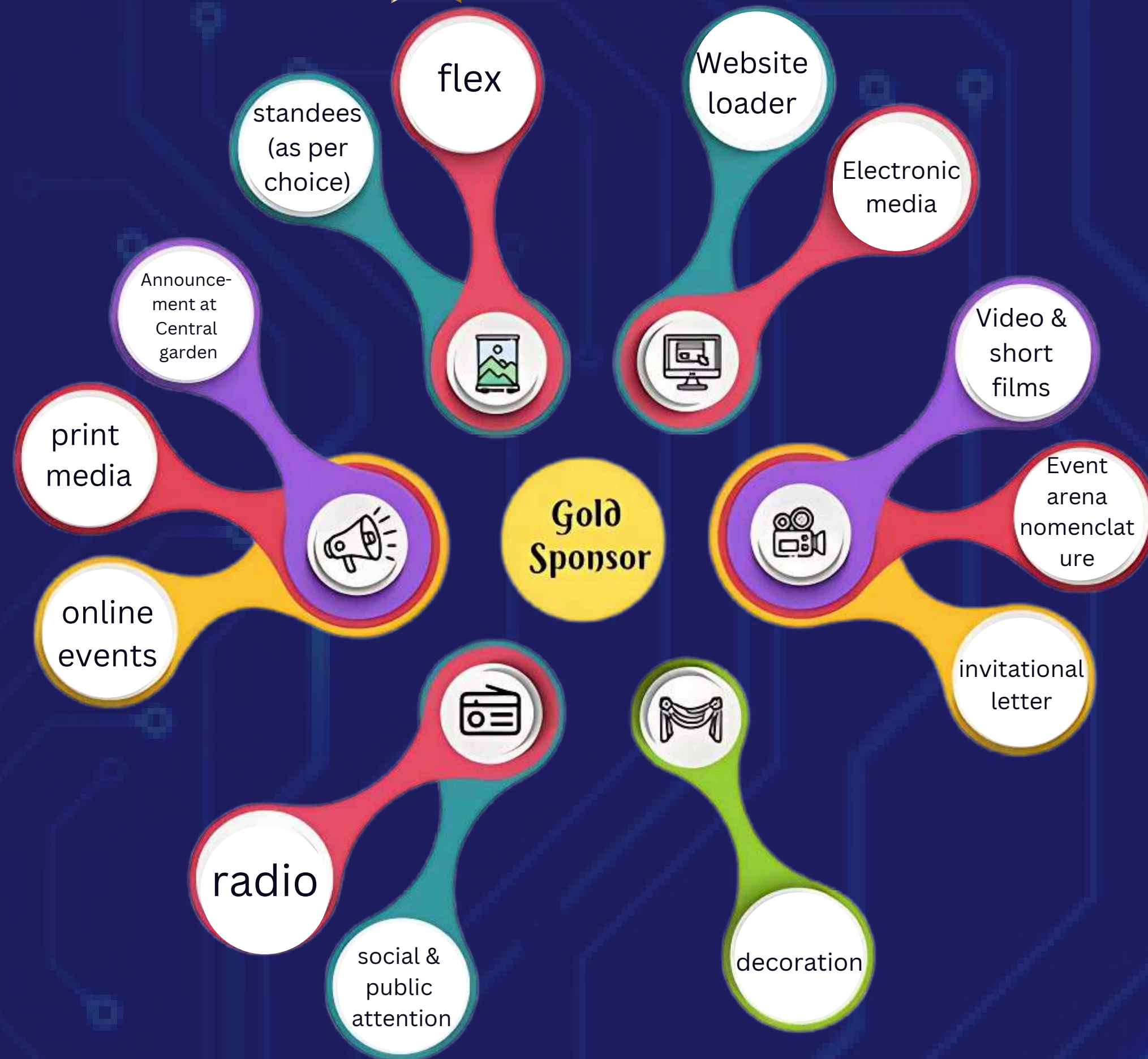








# GOLD SPONSOR ★



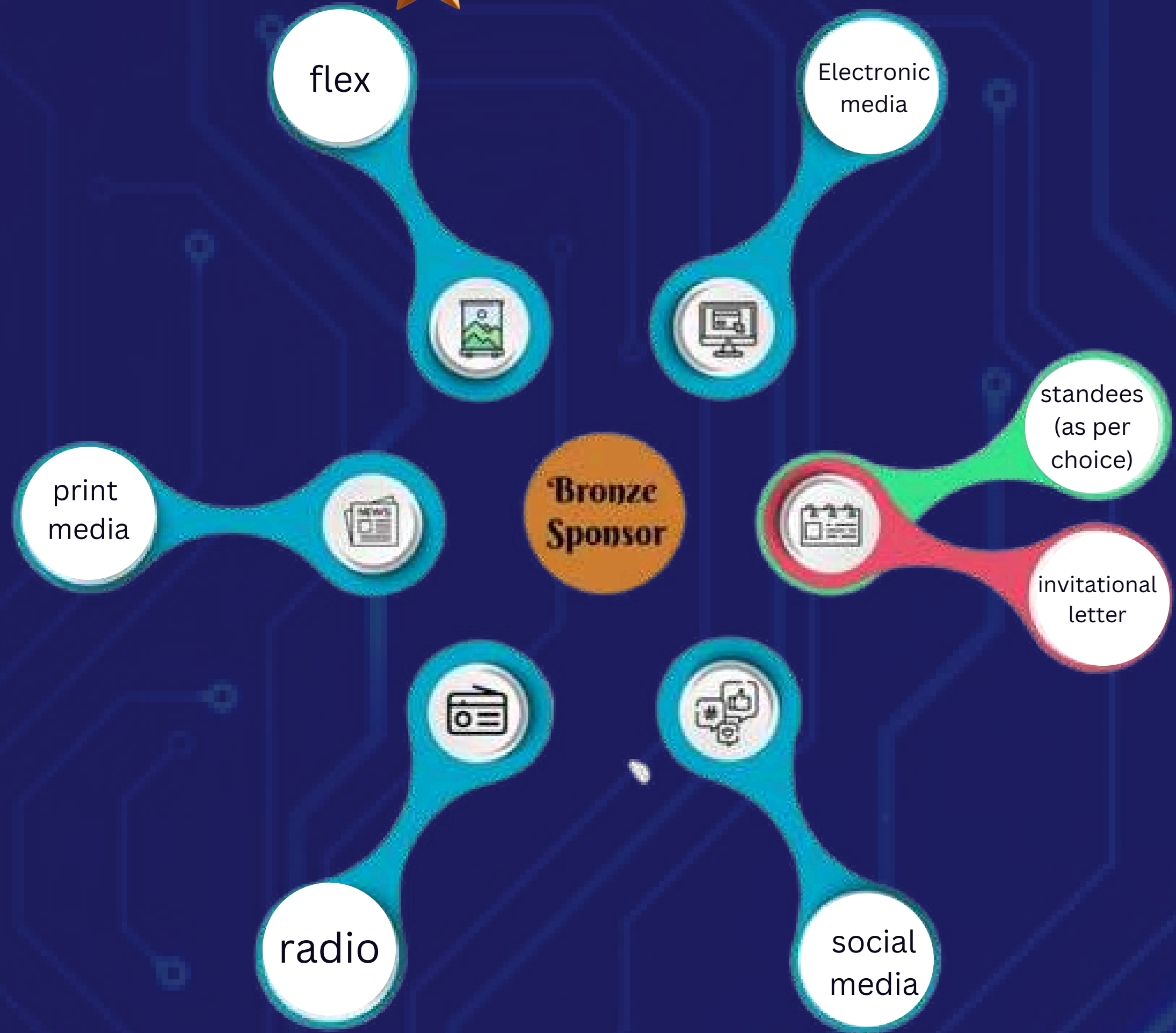


# »»» SILVER SPONSOR ★





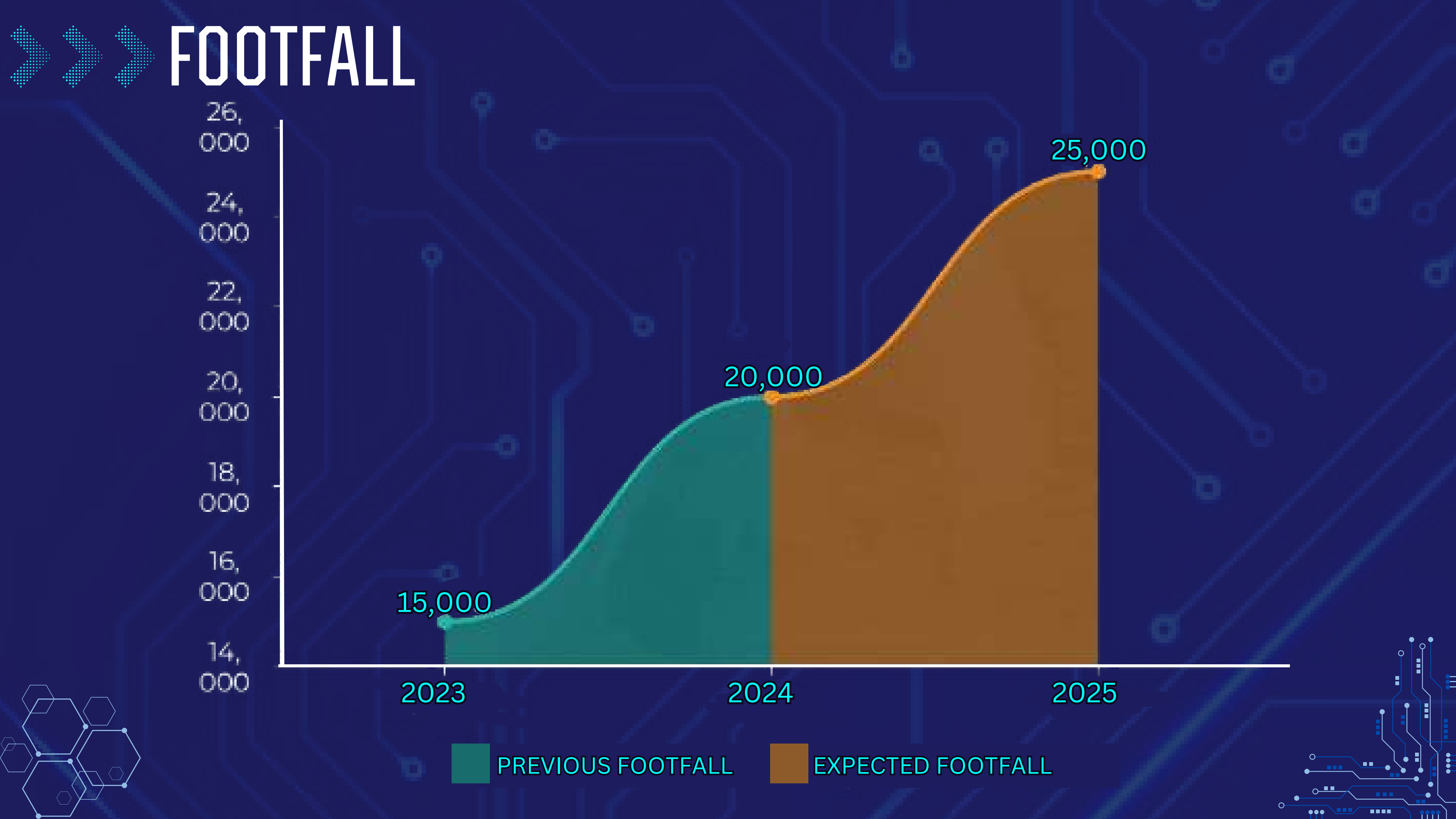
# BRONZE SPONSOR ★





# PREVIOUS SPONSORS







# FAQS

1 What are the four main events of Avinya '24?

Avinya '24 is a dynamic and multifaceted event anchored by four integral events- the Speaker sessions, Innovation expo, Pitching event, and Panel sessions.

2 What is the Seed Grant and Incubation Scheme, and how does it support ?

The ideas presented in the during the Pitching event and the Innovation expo that hold significant potential will be provided Seed Grants and/or Incubation by the Incubation Cell, NITRRFIE. The Seed Grant Scheme stands as a catalyst for the realisation of ambitious visions, acting as a pivotal force that not only extends financial support but also bestows recognition upon revolutionary ideas in the realms of agrotech and technology.

3 In what additional ways does the Incubation Cell provides support

Aside from the funding, some of the major ways in which the Incubation Cell plans to assist the start-ups are:

- A Chartered ant to assist with financial and accounting tasks, such as tax filings, and financial planning.
- An advocate to provide legal advice and assistance on business operations, contracts, and intellectual property.
- An office for a professional work environment .An experienced mentor to provide guidance and advice to help the start-up grow and succeed.



# FAQS

4

How can students get involved in the Innovation Cell's initiatives?

Empowering students to actively engage in the realms of innovation and entrepreneurship, opportunities abound through participation in events such as TechTatva: The Avinya Expo as well as by applying for the Seed Grant Scheme and participating in our pitching event. These platforms serve as gateways for students to translate their ideas into impactful initiatives, bridging the gap between imagination and realization.

5

Is Innovation Cell only for students pursuing technology-related

Whether you're delving into technology, agrotech, or any field of your choice, the Innovation Cell invites all passionate individuals to bring their unique visions to the forefront. It's a hub where innovation knows no constraints, and students from every academic background are encouraged to join hands in shaping a future defined by inventive solutions and entrepreneurial spirit.

6

How can industry partners collaborate with the Innovation Cell?

Industry partners are invited to forge meaningful collaborations through various avenues such as sponsorship, mentorship programs, and active participation in flagship events like Avinya '24. Sponsorship opportunities provide a strategic avenue for industry partners to support and invest in groundbreaking initiatives.







# FAQS

7

Is Avinya'24 open to the public?

Avinya '24 is an inclusive event open to the public, providing a unique opportunity for individuals to immerse themselves in the world of innovation and entrepreneurship. The past participants included students and individuals from various different backgrounds and institutions including NITs and IITs To be part of this

8

How does the Innovation Cell contribute to sustainability?

Innovation Cell can spearhead and support projects that focus on developing sustainable technologies, eco-friendly products, and solutions to address environmental challenges. Most of our decorations are made by reusing waste generated due to the various projects going on in Makerspace and we're excited to form collaborations with various industry partners and promote sustainability at an even bigger level.





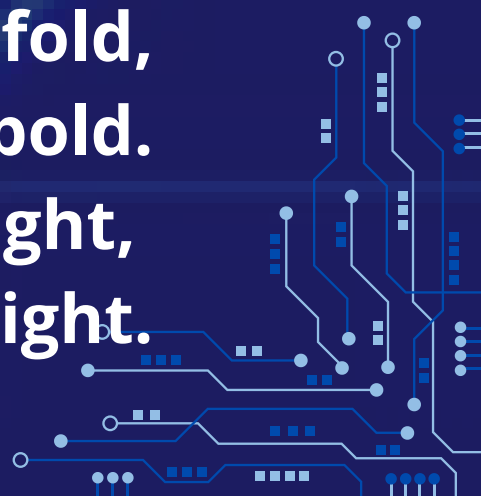
# MESSAGE FROM THE TEAM

A campus buzzing with anticipation, where the air is filled with the hum of creativity and the spirit of collaboration. AVINYA is not just an event; it's a story waiting to unfold, a narrative where your ideas take center stage. As a team, we've woven together a tapestry of engaging workshops, inspiring talks, and collaborative challenges. AVINYA is where innovation becomes an experience, a dynamic story told by students, faculty, and industry experts alike. It's a tale of exploration and discovery, where every participant is a protagonist, contributing to the unfolding chapters of AVINYA. Embark on a captivating journey with us as we unveil AVINYA, a celebration of innovation, creativity, and limitless possibilities! Our team at the Innovation Cell is excited to invite you to join us on this thrilling adventure. We invite you to be a part of this collective narrative, where boundaries are pushed, connections are forged, and innovation becomes a shared journey. Together, let's create a story that resonates not only within the walls of our college but echoes far beyond.

## Verse of Legacy

**In this tale of innovation, as the chapters unfold,  
The Innovation Cell, a legacy bold.**

**A poetic journey, where ideas take flight,  
A symphony of progress, ever in the light.**







# CONTACT US

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