

NETRA, An Initiative by IESA- FAQs

1. What is NETRA?

National ESDM Technology Research Academy.

2. What is the Vision & Mission of NETRA?

Vision:

Make India the ESDM Product Innovation Hub by Building Entrepreneurial Ecosystem in Engineering Campuses through Industry Partnership.

Mission:

Engineering Campuses with: “Incubation to Innovate”, “Capability Building to Scale”, “Technology Research to Advance”, “InChip Program to Prove”.

3. What is unique about NETRA?

NETRA would be setup on college campuses focussing on creation of Industry ready talent, technology research & incubation.

4. Why NETRA, and why not inside IESA?

NETRA is a think tank that is formed as a society by IESA and ESSCI to bring the three vectors of Technology research, in-chip program and leveraging campus startups to create entrepreneurial talent and ESDM products on campus.. NETRA needs to be a separate entity to attract CSR funds and also to focus on the stated vision and objectives. IESA is the premier national industry body that is the VOICE of electronics and semiconductors in the country.

5. How would governing body be formed? or Plans for governing body would be?

Governing body would be formed from the founding members, with representation from academics, industry & individual members. Details would be part of the byelaws.

6. How would the NETRA be funded?

NETRA is being formed to be CSR compliant. Founding members are encouraged to contribute CSR funds for NETRA operations.

7. How would the operations be run?

NETRA shall be headed by a CEO & his staff that would be responsible for the operations & fulfilment and execution of the Vision & objectives of NETRA.

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8. What are the Expectations from founding members?

Support the Vision & Mission of NETRA, as described in point 2 above.

9. What is the cost to be founding member of NETRA?

All IESA members are eligible to be founding members of NETRA, free of cost.

10. Critical success factor for NETRA would be?

Unwavering support from Industry body and companies, so that world class industry experts give quality time to make this initiative a success. Individual joining this initiative with Passion and willingness to work across boundaries like an entrepreneur.

11. I am working in Company A [industry]. How can I contribute to NETRA/ take part in activities?

Areas where anyone from Industry can contribute: To define Curriculum, create recorded lectures, create assessments and mentor projects with an industry view, Create a backlog of research ideas, assess quality of training programs

Whom to contact: Please email us, (apu@iesasonline.org) your area of interest and how you may be able to contribute in any of above areas.

12. I am a faculty in Institute A. How can I contribute to NETRA/ take part in activities?

Collaborative approach between Industry and academia is critical and for the success of NETRA. Please email NETRA contact for your area of interest and how you may be able to contribute.

13. Is there a head office for NETRA?

Sine NETRA is a sister organization of IESA, the head office will be located out of IESA office. NETRA plans to use Star Fish model across campuses.

14. What is the difference between NASSCOMM 10,000 startups and NETRA incubation plan?

NETRA will adopt an integrated approach from training to products, with a specific focus on Semiconductor & ESDM sector and strong presence in campuses.

15. Is NETRA a formal Organization?

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Yes, it is a ThinkTank from an operational perspective and a not-for-profit society from a legal perspective.

16. What is the kind of Infrastructure that NETRA will make available?

In order to support Learning Research and Incubation in different areas of product development, NETRA will make available Labs with EDA tools, Labs for Chip design and Verification, Post Silicon test & Characterization and Systems prototyping and validation.

17. What is the plan for scaling?

NETRA will operate on a star fish model. Creating entrepreneurial ecosystem in few chosen campuses with Training, research and productization centered around incubation will act as HUB. And it will support nearby colleges as spokes, to scale this across country.

18. How is the quality going to be maintained?

NETRA will focus on depth and quality first and scale next. Industry champions and academia champions will be identified to work together in each initiative so that quality can be ensured and corrective actions taken quickly, when faced with an issue.

NETRA Contact: netra@iesaonline.org