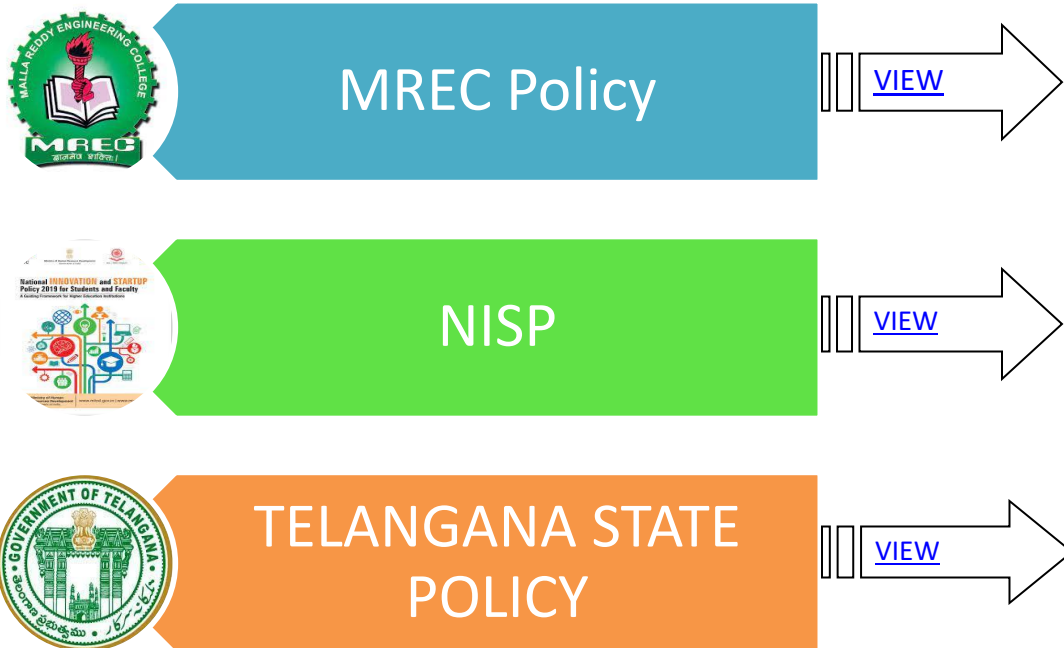


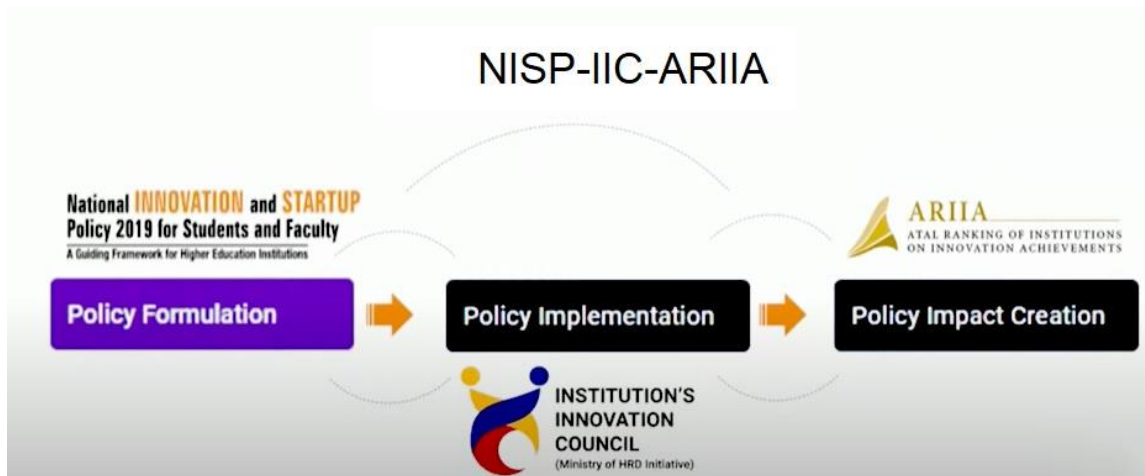
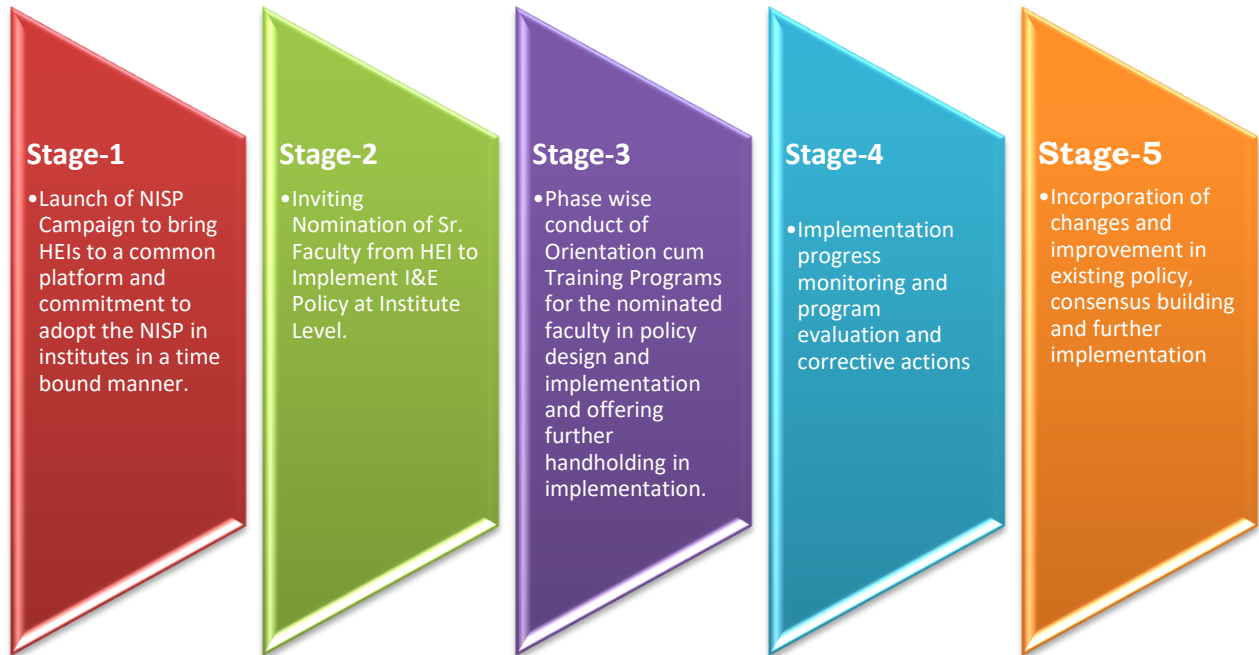
National Innovation and Startup Policy (NISP)

The 'National Innovation and Start-up Policy 2019 for students and faculty in HEIs was launched by Former Minister of Education, **Shri Ramesh Pokhriyal 'Nishank'** on 11th September 2019 at AICTE, New Delhi.

This policy intends to guide HEIs for promoting students' driven innovations & start-ups and to engage the students and faculty in innovation and start up activities in campus. The policy aims at enabling HEIs to build, streamline and strengthen the innovation and entrepreneurial ecosystem in campus and will be instrumental in leveraging the potential of student's creative problem solving and entrepreneurial mind-set, and promoting a strong intra and inter institutional partnerships with ecosystem enablers and different stakeholders at regional, national and international level.



NISP Implementation Stages



Key performance Indicators (KPI's)

- A** • Strategies & Governance for Promoting Innovation & Entrepreneurship
- B** • Norms for Faculty & Students Driven Innovations and Startups
- C** • Incubation & Pre-incubation support and facility creation
- D** • IP ownership rights for technologies Development and transfer
- E** • Pedagogy and Learning Interventions for Innovation and Entrepreneurship Development
- F** • Entrepreneurial Performance Impact Assessment

Objectives:

- To establish a vibrant and dynamic Startup Ecosystem across all the departments.
- To enable the institute to actively engage students, faculties and staff in innovation and entrepreneurship-related activities.
- To create a space for Collaboration, Co-creation, Business Relationships and Knowledge Exchange.

- To facilitate the institute in terms of Intellectual Property (IP) ownership management, technology licensing and equity sharing.
- Innovation Development
- Entrepreneurship Exposure and Skills Development
- Support Facilities for Start-up Services
- Inter-Institutional Partnership
- Network with Regional and National Start-up Eco-System
- Industry Support, Corporate & Private Partnership Linkage
- Technology Commercialization

Benchmarks

- Developing critical thinking skills to motivate students and faculties with entrepreneurial abilities.
- Building Innovation and Incubation ecosystem by providing resources available at the Institute.
- In-house competency development to serve the potentiality of the incubators.
- Strengthen the intra and inter-institutional linkage with ecosystem enablers at different levels.
- Defining Key Performance Indicators (KPIs) for Entrepreneurial Performance Impact Assessment.
- Innovation, Pre-incubation, Incubation and startup facilities on the campus
- Academic courses offered by the institute on Innovation, IPR and Start-ups
- Obtaining scientific and technical patents by Incubators and Startups
- Collaboration, Co-Creation and Technology Exchange and Commercialization
- Emerging successful Innovation and Start-ups from the Institute
- Increase technical employment rate through self-employment by Startups

- Developing Key Performance Indicators (KPIs) for Entrepreneurial Performance Impact Assessment.
- Creating societal, ethical, and technological entrepreneurs through National Innovation and Start-up Policy.

Promotion:

- Organize Workshops /Lectures/Seminars/eTalk/Boot Camp etc
- Conduct Online and Class Room Education and Training& Mentoring
- Integration of Experiential Learning
- Establishment of Start-up Cell
- Scout, Recognize Support Ideas, Innovation and Startups
- Innovation and Start-up Repository Build-up
- Setup Advisory Service Expert Pool
- Training-FDPs and EDPs
- Incentives for experts from Industry
- Research Studies and Advocacy Programs
- Mentor, Start-up Cell Network, Business & Referral Service
- Convergence and Leverage for Govt. Schemes and Programs
- Organize National and Regional Level Events

Processes and Mechanism:

1. Incubation support

- Setting up a start-up and allowing students, faculty, and research staff to work part-time for the start-ups while studying/working.
- Creating facilities within the institution for supporting pre-incubation (e.g. IICs as per the guidelines by MOE's Innovation Cell, EDC, IEDC, New-Gen IEDC, Innovation Cell, Startup Cell, IPR Cell, Student Clubs, etc.) and Incubation/ acceleration by mobilizing resources from internal and external sources.
- Provide business incubation facilities:
- Premises at subsidized cost.

- Laboratories,
- Research facilities,
- IT services,
- Training and Mentoring Services, etc.
- Licensing of IPR from institute to start up

2. Student support

- Induction program about the importance of I&E to be conducted the first year students. So that freshly inducted students are made aware about the entrepreneurial agenda of the institute and available support systems
- Supporting the students in terms of providing address for their Incubation cell, Semester break, attendance and accommodation.
- Student clubs/ bodies/ departments must be created for organizing competitions, boot camps, workshops, awards, etc.
- ‘Innovation & Entrepreneurship Award’ to recognize outstanding ideas, successful enterprises and contributors:
- Innovation champions would be nominated within the students/ faculty/ staff for each department/ stream of study.

3. Faculty Support

- Institute would recruit staff that has strong innovation and entrepreneurial/ industrial experience, behavior, and attitude. This will help in fostering an Innovation and Entrepreneurship culture.
- Faculty and departments of the institutes have to work in coherence and cross-departmental linkages
- Faculty and staff should be encouraged to do courses on innovation, entrepreneurship management, and venture development.
- Guest Lectures by Subject Matter Experts (SME).

NISP Implementation Committee:

A committee has been formed by identifying the experts having expertise and experience in the domain of innovation, IPR, and startup to start the work of policy formation and implementation of guidelines at the institute

Sl. No.	Name of the faculty member	Designation	Role
1	Dr. A. Ramaswami Reddy	Professor in CSE & Principal	Chairman
2	Dr. S. Udaya Bhaskar	Assoc. Prof. in ME, IIC President & Dean RnD	Member
3	Dr. K. Hari Babu	Assoc. Prof. in H&S, IIC Vice-President & Dean Student Affairs	Member
4	Dr. Vijaya kumari G	Director, JHUB, Professor CSE Dept. JNTU Hyderabad.	Member
5	Mr. Bhanu Prakash Varla	Director, Co-founder, Gray Logic Technologies	Member
6	Mr. Ravipati Shiva Sai Rama Krishna	CEO, Olive Drones and Agriculture Technologies Pvt. Ltd.	Member
7	Mr. Rakesh Reddy Edala	EE Engineering Construction Services	Member
8	Dr. P. Saritha	Professor in CE, EDC Coordinator	Member
9	Dr. Shaik Jakeer Hussain	Assoc. Prof. in CSE, Innovation & Start-Up Activity Coordinator	Member
10	Dr. M. Vijay Kumar	IPR Activity Coordinator & ARIIA Nodal Officer	Member
11	Dr. Venkata Rathnam Ukkurthi	Asst. Prof. in CE & Innovation Ambassador	Member
12	Dr. P. Marimuthu	Assoc. Prof. in EEE & Innovation Ambassador	Member
13	Dr. P. Sarala	Assoc. Prof. in EEE & EDC Dept. Coordinator	Member
14	Dr. Manish Sharma	Asst. Prof. in ME & Innovation Ambassador	Member
15	Dr. T Venkata Deepthi	Asst. Prof. in ME & Innovation Ambassador	Member
16	Dr. Sima Sahu	Assoc. Prof. in ECE & Innovation Ambassador	Member
17	Mr. Manchikatla Srikanth	Asst. Prof. in CSE & Innovation Ambassador	Member
18	Dr. K. Vasanth Kumar	Asst. Prof. in CSE , & Innovation Ambassador	Member
19	Ms. P Sandhya Priyanka	Asst. Prof. in IT , & Innovation Ambassador	Member
20	Mr. B Kiran Kumar Reddy	Asst. Prof. r in MBA, & Innovation Ambassador	Member

21	Dr. T.Srinivas Reddy	Assoc. Prof. in ECE , Convener IIC & Innovation Ambassador	Member
Sl. No.	Name of the Student member	Designation	Role
22	Mr. Boini Sai Krishna	II Year ECE Student	Member
23	Mr. V. Kranthi Kumar	II Year EEE Student	Member
24	Mr. Dacha Rahul Siddharth	III Year IT Student	Member
25	Mr. Dodda Sai Varshith	III Year CSE Student	Member

MREC Policy Drafting and Implementation Team

- 1. Dr. T. Srinivas Reddy**
Assoc. Prof in ECE & Convener of Institution's Innovation Council (IIC).
- 2. Dr. Shaik Jakeer Hussain**
Assoc. Prof in CSE & Coordinator of Business Incubation & Start-ups (MREC –HUB).
- 3. Dr. P. Saritha**
Professor in CE & Coordinator of Entrepreneurship Development Cell (EDC)