



EDUCATION 4.0

A ROADMAP FOR A NEW ERA OF HIGHER EDUCATION



ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

(A Statutory Body of the Government of A.P)



EDUCATION 4.0

A ROADMAP FOR A NEW ERA OF HIGHER EDUCATION



ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

(A Statutory Body of the Government of A.P)



ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

(A Statutory Body of the Government of A.P)



3rd MEETING OF AP HIGHER EDUCATION PLANNING BOARD

29th & 30th (Fri & Sat) July 2022

Venue : RDT Sports Complex, Anantapur

Theme

**Education 4.0 - A Roadmap for
a New Era of Higher Education**



Chief Guest

Sri. Botcha Satyanarayana
Minister for Education
Govt. of Andhra Pradesh



Presided by
Prof. K. Hemachandra Reddy
Chairman, APSCHE & Chairman, APHEPB
Andhra Pradesh



Guest of Honor
Sri J. Shyamala Rao, I.A.S.
Principal Secretary,
Department of Higher Education
Govt. of Andhra Pradesh



Key Speaker
Dr. Buddha Chandrashekhar
Chief Coordinating Officer, AICTE

Jointly hosted by



JNTU
Anantapur



Sri Krishnadevaraya
University



Central University
of Andhra Pradesh

FOREWORD



Prof. K. Hemachandra Reddy
Chairman, APSCHE

APSICHE has initiated many first-of-its-kind activities in the country to strengthen the higher educational institutes in the state while ensuring access, equity, and quality in higher education during the last three years. One such

path-breaking initiative is the establishment of the Andhra Pradesh Higher Education Planning Board (AP HEPB) in APSICHE to strengthen inter-institutional relationships and bondage irrespective of the status as a central or state institute. This attempt is the first of its kind in India in promoting the integrated development of Higher Education in the state. This initiative has been widely appreciated by the Vice-Chairman of NITI Aayog, the Chairman of AICTE, the Chairman of DRDO, the World Bank team, the French Consulate, and other international bodies.

Since its inception in 2021, two meetings of the Board were conducted in Tirupati and Visakhapatnam respectively. The Board has constituted 05 Regional Cluster Groups (RCGs) involving central and state institutions to work on the possible areas of collaboration and to suggest an action plan for resolving the pressing local problems. The Board has constituted an inter-institutional team of researchers in each Regional Cluster Group (RCG) to identify the social problems in their region and help the local administration to solve them while exploring the opportunities to take up collaborative research projects. A Nodal Officer was appointed for every Regional Cluster Group (RCG) to coordinate the activities of the cluster and oversee the research collaboration among the universities at the cluster level. All the members of the Board are actively collaborating for strengthening the higher education ecosystem of the state and coordinating with other members in solving the local problems.

I extend my warm greetings to all the Private and Deemed to be Universities for becoming members of AP HEPB from this meeting. For the first time in the history of any state, the entire Higher Education eco-system is brought under one umbrella for strengthening the inter-institutional bondage and improving the quality of education. We look forward to insightful discussions from this 3rd AP HEPB meeting scheduled on 29th & 30th July 2022 in Anantapur on the theme "Education 4.0: A Roadmap for a New Era of Higher Education". I invite the active participation of all the members of the Board in promoting the Higher Education ecosystem of the state at par with the global standards.

Emblem of APSCHE



Books	:	Knowledge
Blossom	:	Wisdom
The 3rd Eye	:	The monitoring agent
Flame	:	The Light of Wisdom & Knowledge

A	Accessible and affordable higher education ensuring accountability
P	Perspective plan for effective governance in higher education
S	Strengthening institutional networking and global linkages
C	Curricular restructuring and technology-enabled learning
H	Human resource potential enrichment
E	Enhancing quality and accelerating research

About APSICHE

The Andhra Pradesh State Council of Higher Education (APSICHE), the first of its kind in the country, was set up as per the recommendations of the National Education Policy 1986. APSICHE is the first SHEC to be established in the country that came into existence w.e.f. 20.05.1988 through Act 16 of 1988. It is primarily a coordinating body between the University Grants Commission (UGC), the State Government, and the Universities of the State. The primary function of APSICHE is to advise the Government in matters relating to Higher Education in the State and to oversee its development with perspective planning and for matters connected therewith and incidental thereto. It is the general duty of the Council to coordinate and determine standards in institutions of Higher Education, Research, Scientific and Technical Institutions by the guidelines issued by the University Grants Commission from time to time.

APSICHE was established in 1988 with six conventional State Universities and its growth has been continuing till today. In the journey of the last 33 years, APSICHE played a pivotal role in outlining the scope, structure, and funding pattern and succeeded with the establishment of 10 Conventional State Universities, 19 Specialized Universities, 02 State PPP mode Universities, 08 State Private Universities, 03 Central Universities, 08 Central Institutes and 05 Deemed to be Universities catering to the needs of nearly 15 lakh students. Before 1995, the role of the Council was to send the recommendations to the Government to accord permissions for starting Private Degree Colleges, permissions to start M.A, M.Sc., and M. Com courses, and enhancement of seats in Degree Colleges of the state. Thereafter with the power delegated by the Government, APSICHE was empowered to accord approvals to start Private Unaided Degree Colleges, Law Colleges, Private Oriental Colleges, and corresponding contemporary programs. Under Government Orders, APSICHE has been conducting surveys annually to identify the grey areas and initiate educational establishments by inviting applications from private agencies desirous of starting new private colleges, and UG and PG programs through press notification and also extending access to the students in unserved and underserved areas.






In the light of experience gained over the years, APSICHE introduced Common Entrance Tests (CETs) for admission to various professional programs to endeavour justice to merit and social equity, a milestone in the Higher Education of Andhra Pradesh. APSICHE adopted a 'conveyor-belt' system for the process of registration and verification of certificates for the admissions in Engineering & B.Ed. courses through online counselling. To prevent delays in admissions and

to save time for students, Single Window (SW) Counselling and Web-Based Counselling were introduced by APSCHE. APSCHE constituted the High-Power Committee to evolve common performance parameters for self-assessment of the Universities to improve the quality of Higher Education in the state. APSCHE evolved model guidelines for the preparation of format for University Annual Report, Annual Administration Reports of the Universities, and Agenda for Boards of Management meetings to make them uniform, more purposeful, meaningful, and insightful. The Council initiated Industry - Institution relationships at the university level to encourage the employability of the students. To achieve excellence, freedom has been given to autonomous colleges to frame the curriculum, evolve more effective methods of teaching and learning, and undertake other specific programs. The Council initiated the timely revision of the syllabus in all courses as per the requirement of stakeholders and conducted refresher courses for the teachers.

APSCHE is playing a crucial role in academic and administrative reforms in Universities and Colleges across the state of Andhra Pradesh. APSCHE strives for achieving high standards of quality with a student-centric approach by coordinating with all the Higher Education Institutions (HEIs) and timely suggesting the government initiate appropriate measures to strengthen the system further.

First of its kind initiatives by APSCHE

APSCHE initiated many first-of-its-kind activities in the country to strengthen the higher educational institutes in the state while ensuring access, equity, and quality in higher education. We are very glad to inform you that this list is only an indication of our initiatives and is by no means an exhaustive list:

	<p>Curriculum Revision for both Professional and Conventional Degree Programs</p>
	<p>Introduction of 30% skill courses in the revised curriculum</p>
	<p>Introduction of a 10-months mandatory internship for all the UG students</p>
	<p>Introduction of a 2-months mandatory Community Service Project (CSP)</p>
	<p>Introduction of English as a mandatory medium of instruction in all Degree programs. Podcasts & Bilingual Textbooks were introduced for a smooth transition of students from Telugu medium to English medium</p>

	<p>Introduction of online admissions for all Degree programs</p>
	<p>Establishment of Quality Assurance Cell (QAC)</p>
	<p>Establishment of Andhra Pradesh Higher Education Planning Board (AP HEPB)</p>
	<p>Establishment of Community Development Board (CDB)</p>
	<p>Formation of 5 Regional Cluster Groups (RCGs) under AP HEPB</p>
	<p>Established 553 Entrepreneurship, Incubation, and Start-Up Centers (EISCs) in universities and colleges</p>
	<p>Microsoft Upskilling Program - To skill 1.62 lakh students in the state, the government is spending around Rs. 32 crores</p>

Future Plan of Action

APSCHE, enshrining the vision of the Government of Andhra Pradesh is working conscientiously to take up the following activities to transform higher education in the state while ensuring access, equity, and quality. APSCHE is aiming to achieve the following targets in the near future to transform the state into a ‘Knowledge Capital’ and the students into ‘Global Citizens’.

- Improve the GER of the state to 70% by 2035.
- Improve the GPI of the state to 0.9 by 2024 and 1.0 by 2035.
- Increase the placements of the state to at least 50% by 2024.
- Increase the number of foreign students studying in the state to at least 10% by 2024.
 - (Andhra Pradesh hosts 2094 out of 49,348 foreign students in the country i.e. 4.24%).
- Establish Remote Learning Centers (RLCs) and Digital Libraries in all villages of the state by 2024.
- Distribute free laptops to all eligible students in the state by 2024.
- Provide quality e-content and podcasts for all the programs through our Learning Management System (LMS) by 2024.
- Establish “Summer Schools” in all State Universities by 2024.
- Recruit at least 10% of faculty from the industry working as “Professors of Practice” and “Associate Professors of Practice” in all State Universities by 2030.
- Mobilization of at least 10% of resources for HEIs in Andhra Pradesh through CSR funding & Alumni networks by 2024.
- Deliver virtual credit-based courses in collaboration with experts from RFH Koln University, Germany by 2024.
- Transform all state universities into Multidisciplinary Education & Research Universities (MERUs) by 2030.
- Collaborate with foreign universities in academic & research space (preferably with top 100 ranked universities) by 2030.
- Internationalization of Higher Education in Andhra Pradesh by 2030.

Student Connect Initiatives...

APSCHE commenced a few Student Connect Initiatives for developing the General Knowledge, Societal Awareness & Critical Thinking of the students of Andhra Pradesh.



To inculcate book reading habits among the students, a book is reviewed and explained in Telugu and English languages on alternate Fridays.

German – AP Forum on Higher Education



To improve the education standards and international opportunities for the students of Andhra Pradesh, a Round Table Discussion was conducted every month for 6 months consecutively.

ERUDITE A FORTNIGHTLY DISCUSSION








To create a platform for generating expert views, opinions, and ideas for the development of the Higher Education ecosystem, a discussion was conducted every fortnight.

Smarticles



To improve the reading habits among the students, an App was launched free of cost for the students where information is provided engagingly at their fingertips.

	<p>To interact directly with students and faculty at the district level, the Chairman of APSCHE initiated field visits to take reforms of APSCHE to every nook & corner of the state.</p>
	<p>To encourage students to improve their general awareness and motivate them to learn about new topics continuously</p>
	<p>To promote the spirit of excellence and motivate them to become responsible citizens and empathetic human beings.</p>
	<p>To create a platform for students/faculty where their ideas, innovations, success stories, and learnings can be shared.</p>
	<p>To touch upon the different aspects of students' lives and motivate them to excel in their careers.</p>

Andhra Pradesh Higher Education Goals (AP HEGs)

Andhra Pradesh Higher Education Goals (AP HEGs) are a collection of 05 interconnected Higher Education Goals initiated by the Andhra Pradesh State Council of Higher Education (APSCHE) to transform the state into a 'Knowledge Capital' and the students into 'Global Citizens'.

1. Quality Learning
2. Skills & Competencies
3. Employment & Entrepreneurship
4. Social Consciousness
5. Global Citizenship



1. Quality Learning

Students should know why they pursue higher education. Is it for the sake of a degree, getting marks, or acquiring knowledge? In this competitive world, a mere degree or some won't help in building a prospective career. Students should regularly update themselves to stay relevant in this ever-changing competitive world. Students should focus on learning over and above the curriculum and explore the possible avenues for learning. After the COVID-19 pandemic, online education has come to the forefront. Thanks to the virtual learning revolution across the world, quality lectures taught by the best faculty are available on virtual platforms. It is a fact that online lectures can never substitute in-person/classroom learning. However, students should start embracing online learning along with their classroom learning.

APSCHE developed LMS to deliver quality e-content for the students of Andhra Pradesh. Students should explore other platforms and develop a keen interest in utilizing the available learning resources to improve their knowledge and skills. Instead of complaining about the facilities, students should utilize the available learning resources judiciously. Students should have curiosity, zeal, and enthusiasm to expand their horizons. Students are bound to get employment or develop an entrepreneurship mindset once they acquire the skills and competencies. Students should also focus on personality development and lifelong learning. Students should make every effort to transform themselves from individuals into enlightened

personalities. This is only possible through sheer determination and unwavering commitment to learn, grow and excel.

2. Skills & Competencies

Over the last 20 years, the growth of the IT sector was a blessing for the youth of Andhra Pradesh as they could secure lakhs of IT jobs. However, NASSCOM says only 15-20% of Indian students are employable. The remaining 80% aren't employable because they don't have the required skills. What will students do with the degrees without acquiring the requisite skills? It is the responsibility of every student to acquire all those skills during their graduation. This will help them to pass out from our colleges as skilled and employable graduates.

Students must acquire English communication skills. Students can easily speak English provided they practice speaking it for at least 6 months persistently. Students must be aware of the skills and competencies required for their careers and start learning them from day one. The new curriculum in Andhra Pradesh has 30% skill courses and it is the students' responsibility to learn those skills. The government of Andhra Pradesh is very committed to producing high-quality graduates who are ready to meet the industry's needs. India has an advantage of the demographic dividend with 55% of its population being youth. Elsewhere in developing nations, the demographic dividend is very low. This provides ample opportunities for skilled AP graduates to work across the globe provided they possess the skills and competencies.

3. Employment & Entrepreneurship

APSCHE is proceeding on a mission mode with the framework of Education + Skill + Attitude that results in gainful employment and uprising entrepreneurs. APSCHE redesigned the CBCS curriculum and introduced 30% Skill Oriented Courses (Skill Development Courses, Life Skill Courses, and Skill Enhancement Courses) to impart multi-disciplinary skills to a student. A mandatory '10-months internship/apprenticeship/on-the-job training' was introduced into the curriculum to hone the skills, make the students job-ready, and gain useful insights into the industry requirements. APSCHE launched 'Internship Portal' and is working with many reputed organizations to provide 2,50,000 virtual internships at MNCs. The government of Andhra Pradesh initiated Microsoft Upskilling Program to train and certify 1.62 lakh students in 40 different courses free of cost. This is costing around Rs. 32 crores to the government.

Students must gain hands-on experience and practical knowledge from internships & apprenticeships. Students should expand their formal and informal education. Students should build and grow their network through social networking sites like LinkedIn. To inculcate innovation and entrepreneurial skills among the students, APSCHE established Entrepreneurship, Incubation, and Start-UP Centers (EISCs) in colleges and universities. APSCHE is encouraging students to ideate, implement, and innovate through various activities like conducting boot camps for student entrepreneurs and competitions among innovative start-up ideas and for establishing start-ups. Students must make use of the available opportunities to improve their employment prospects and entrepreneurial skills.

4. Social Consciousness

Andhra Pradesh is the only state in the country to take complete responsibility for providing higher education to 87% of its students without any financial burden on their families (or free education). Along with this, the government is providing Rs. 20,000 every year for 87% of students' daily expenses. The government of Andhra Pradesh is spending at least Rs. 5000 crores on students' scholarships every year. This means Andhra Pradesh as a society is investing in its youth for a better future and it is the students' responsibility to pay back to society.

APSCHE established Community Development Board (CDB) to create a platform for students to learn by integrating themselves with the community. Every UG student is mandated to complete a 2-month Community Service Project (CSP) where students participate in community development and service activities. Students should inculcate values and make use of this CSP to improve their sensitivity and empathy towards the community through participative learning. If every student decides to educate the people around them and transform this society into a knowledgeable place, each student needs to handle only 35 people around them. Students must engage with the community to share their knowledge, transfer technology, optimize resources, promote business ideas, etc. Every student ought to play their part in making Andhra Pradesh a better place to live.

5. Global Citizenship

The government of Andhra Pradesh has spent around Rs 11,000 crores on Jagananna Vidya Deevena (JVD) and Jagananna Vasathi Deevena (JVAD) to make higher education accessible to everyone in the state. Our Honorable Chief Minister doesn't treat the spending on education as an expenditure but as an investment for the future. He desires that the students of Andhra

Pradesh become 'Global Citizens' and represent the state on all global platforms. The government is leaving no stone unturned to provide timely information and valuable opportunities for the students to emerge as Global Citizens, and ultimately as Global Leaders.

A global citizen is someone who knows that they are part of a diverse worldwide community. They understand that there are people who have completely different lifestyles, appearances, cultures, and routines, but with whom we share common values and responsibilities. Global citizenship encourages tolerance and understanding of the people around you. To emerge as Global Citizens, students should always look forward to celebrating the beauty of diversity and respecting others' opinions. Students should communicate, coordinate, and collaborate with students from other countries to understand their cultures and values. Students should build global networks by embracing global perspectives and participating actively in global events.

Through these AP HEGs, I want our students to show that Andhra Pradesh is a special state where the students are the 'Change Agents' making 'the difference' in society. Our students should demonstrate to the world that Andhra Pradesh is the 'Knowledge Capital' created by its youth. It is an appeal from my side and on behalf of the Andhra Pradesh State Council of Higher Education (APSCHE) to all the students to join hands and form a robust higher education system that leads as an example for other states to emulate. Your commitment in this regard inspires us to commence many more activities.

Let us walk together

Let us talk together

Let us think together

Let us accomplish together

- **Prof. K. Hemachandra Reddy,**
Chairman, APSCHE

Establishment of the AP HEPB

On the recommendation of APSICHE, the Government of Andhra Pradesh established vide G.O.Rt.No.11, dated 21.01.2021, the Andhra Pradesh Higher Education Planning Board in APSICHE under the Chairpersonship of the Chairperson, APSICHE. The Vice-Chancellors of all State and Central Universities and the Directors of Central Institutes established in the state are the members of the Board. This attempt is the **first of its kind in India** and it will help in promoting the integrated development of Higher Education in the State.

APSICHE is the nodal agency to facilitate the functioning of the Board. The board is constituted by APSICHE with the following members. There will not be any term for the board members as the membership is by designation.

The Board shall meet a minimum of two times in an academic year. The meetings can be held at one of the member institutions. The host institution may organize a workshop before the meeting on selected themes for the development of higher education in the state to place the outcomes in the meeting for discussion and suggest policy changes.

Objectives of the Board

The Board aims to strengthen inter-institutional relationships and bondage irrespective of the status as a central or state institute. The specific objectives of the board are as follows:

1. To suggest new courses of contemporary relevance and support in the design and development of the curriculum
2. To promote inter-institutional research of global standards and to connect industry and research organizations to the HEIs in Andhra Pradesh
3. To undertake capacity building programs for faculty and leaders of HEIs
4. To facilitate the organization of academic events involving national and international organizations
5. To support the formulation of state higher education policy for the comprehensive development of higher education
6. To promote mutually beneficial programs among HEIs in the state including skill development, placement support, sharing of infrastructure and learning resources, faculty exchange programs, best practices, and innovation, incubation & Start-Ups
7. To foster qualitative and inclusive growth of higher education in the state

First Meeting of the AP HEPB

The Higher Education Planning Board was inaugurated on Saturday 27th February 2021 i.e. Saturday at the Indian Institute of Technology (IIT) Tirupati by Dr. Audimulapu Suresh, Minister for Education, Government of Andhra Pradesh. The theme of the inaugural session was “Promotion of Inter-Institutional Cooperation and Enhancing Quality Standards of Higher Education in the light of NEP 2020”. The inaugural session was presided by Prof. K. Hemachandra Reddy, Chairperson APSCHE & Chairperson AP HEPB. Sri. Satish Chandra IAS, Special Chief Secretary, Higher Education, Government of Andhra Pradesh, and Professor K. Satyanarayana, Director IIT Tirupati participated as Guests of Honor. Prof. B. Sudheer Prem Kumar, Secretary APSCHE, and the Convenor of the APHEPB welcomed the guests and members for the inaugural session. Along with the member institutions, the Vice-Chancellors and Directors of the following Universities and Institutions also participated as special invitees.

1. Vice-Chancellor, Acharya N.G. Ranga Agricultural University, Guntur
2. Vice-Chancellor, Sri Venkateswara Veterinary University, Tirupati
3. Vice-Chancellor, Dr. YSR Horticulture University, Tadepalligudem
4. Vice-Chancellor, Dr. NTR University of Health Sciences, Vijayawada
5. Vice-Chancellor, Sri Venkateswara Institute of Medical Sciences (SVIMS)

Speaking on the occasion, Sri. Satish Chandra IAS, the guest of honor spelled out the vision of the State Government for the growth of higher education in the State. Sharing his views on the functioning of the APHEPB, he suggested that the Board shall ascertain the trends in higher education nationally and globally and suggest policy measures to the Government for catching up with the trends and also to introduce innovative programs. He welcomed the idea of promoting inter-institutional sharing of resources for mutual benefit and requested the members to explore the opportunities to establish networking and relationships with globally credible organizations with the institutions established in the state.

Another guest of honor, Prof. Satyanarayana, Director, IIT Tirupati, welcomed the idea of forming this kind of organization with academic leaders from state and central universities and institutions. He opined that this kind of Board really contributes primarily to the promotion of inter-institutional and multi-disciplinary research in the state of Andhra Pradesh. He spoke extensively on ‘Building Institutions’ taking IIT Tirupati as an example. He shared his experiences in designing and developing the institution right from the beginning – the buildings,

civil engineering technology, space economics, spacing and landscaping, timelines, and execution efficiency. He also shared the vision of the institution and how it is translated in the form of courses offered, design of curriculum framework, cultural and heritage values, and participation of stakeholders in the functioning of the IIT.

The Board has resolved the following:

1. To place on record the appreciation and gratitude of the members to the Government of Andhra Pradesh for constituting APHEPB for the overall development of higher education in the state and to work for the social and economic development of the state.
2. To form regional clusters of central and state institutions for collaborations. The Board identified five clusters: Tirupati, Visakhapatnam, Anantapur, East Godavari, and Guntur, and resolved to constitute five committees to study the possible areas of collaboration and to suggest an action plan. The Chairperson of the Board is authorized to constitute such committees and arrange required facilities for the committees meeting expenditure from the budget of the Board.
3. To organize the second meeting of the Board in Visakhapatnam. The Chairperson of the Board is authorized to decide the host institute and dates of the next meeting.



AP HEPB members with Dr. A. Suresh, hon'ble Minister for Education at the inaugural meeting held on 27.02.2021

Second Meeting of the AP HEPB

The second meeting of the Board was conducted on 18th September 2021 i.e. Saturday in Visakhapatnam. The session was presided by Prof. K.Hemachandra Reddy, Chairperson, APSCHE & Chairperson, AP HEPB. Professor V. Ramgopal Rao, Director of IIT Delhi participated as the Guest of Honour. The theme was “Expansion, Equity, and Quality in Higher Education”. The Board has resolved to constitute an inter-institutional team of researchers in each cluster group to identify the social problems in their region and help the local administration to solve them and to explore opportunities to take up collaborative research projects. All the 5 regional cluster groups shall come up with their plans for the next AP HEPB meeting.

Dr. V. Ramgopal Rao, Director, IIT Delhi, the Chief Guest of the program delivered his speech virtually on the theme “Expansion, Equity, and Quality in Higher Education”

- He said the NEP 2020 is a great enabler of education in the country. India ranks 3rd in terms of research output in the world, however, India’s share of scientific publications is only 5.31% whereas China’s share is 20.67% and USA’s share is 16.54%.
- The expenditure on higher education at the national level is only 0.6% - 0.7% of GDP. We need to invest more in our Higher Education. Societal problems need to become projects in our HEIs i.e. they should become our research problems. Papers that come from the library end up in the library only. Our academic institutions focus too much on publishing papers. *Lab to land transition* is required.
- During the last 10 years, our HEIs have become more research-oriented. Some of our research is becoming top-down i.e. *solution to a problem* rather than *solution looking for a problem*.
- Our Higher Education sector is very fragmented. Problems cannot be solved comprehensively with any specific discipline. Problems need multidisciplinary solutions. We need the *problem first* approach. We need to move from Research & Development to Relevance & Delivery.
- We aren’t filing enough patents though we are doing substantial research. As per 2019 data, India files 1 patent per 3000 publications whereas the USA files 1 patent per 5 publications. We are not sensible to protect our intellectual property though we are generating new knowledge. We need to convert our intellectual property into Patents.

- We need more MERUs. We need collaboration between Medical & Engineering colleges to produce better research and for better courses.

The Board has resolved the following:

1. It was decided that every institute shall post about the happenings and the activities they undertake in their institute with the respective program link and the photographs in the AP HEPB Whatsapp group.
2. All the 5 regional cluster groups shall come up with their plans for the next AP HEPB meeting.
3. It was decided that the venue for the next AP HEPB meeting will be the Anathapur cluster.
4. APSCHE has entered an MoU with CSIR labs. The labs are accessible to all the Higher Education Institutes in the state. APSCHE has informed all HEIs to make use of this opportunity.
5. It was decided to constitute an inter-institutional team of researchers to identify the social problems in their areas and suggest the research topics.



Members of AP HEPB with Hon'ble Minister for Education and Hon'ble Minister for Tourism, Culture & Youth Advancement at 2nd AP HEPB meeting held on 18.09.2021 at Visakhapatnam

Regional Cluster Groups (RCGs)

Formed the following five Regional Cluster Groups (RCGs) under Andhra Pradesh Higher Education Planning Board (AP HEPB) involving central and state institutions after the first Board meeting:

1. Ananthapuramu RCG
2. Godavari RCG
3. Guntur RCG
4. Tirupati RCG
5. Visakhapatnam RCG

The formation of Regional Cluster Groups (RCGs) under the Andhra Pradesh Higher Education Planning Board (AP HEPB) acted as a cue for the Government of India to formulate the Glue Grants Scheme. This initiative by our government has been appreciated widely by the Vice-Chairman of NITI Aayog, the Chairman of AICTE, the Chairman of DRDO, the World Bank team, the French Consulate, and other international bodies.

Appointment of Nodal Officers for RCGs





APSCHE appointed a **Nodal Officer** for every Regional Cluster Group from the following Universities to coordinate the activities of the cluster and report the same to APSCHE periodically. The Nodal Officers are appointed from JNTU Anantapur, JNTU Kakinada, Acharya Nagarjuna University, Sri Venkateswara University, and Andhra University for Ananthapuramu, Godavari, Guntur, Tirupati, and Visakhapatnam Regional Cluster Groups respectively.

S.No	RCGs	Nodal Officer	Position & University
1	Ananthapuramu	Prof. M. Vijay Kumar	Rector, JNTU-A
2	Godavari	Prof. N. Mohan Rao	PME & Spl. Officer, Alumni Relations Cell, JNTU-K
3	Guntur	Prof. Sandhya Cole	Associate Professor, Dept. of Physics, ANU
4	Tirupati	Prof. S. Vijayabhaskar Rao	Professor, Dept. of Physics, SVU College of Sciences
5	Visakhapatnam	Prof. V. Krishna Mohan	Registrar, AU

Members of the AP HEPB

S.No	University/Institute Logo	Name and Designation
1	 <p style="text-align: center;">Estb: 1988</p>	 <p style="text-align: center;">Prof. K. Hemachandra Reddy Chairman, APSCHE Chairman, AP HEPB</p>
2	 <p style="text-align: center;">Estb: 1988</p>	 <p style="text-align: center;">Prof. K. Rama Mohana Rao Vice-Chairman, APSCHE Member, AP HEPB</p>
3	 <p style="text-align: center;">Estb: 1988</p>	 <p style="text-align: center;">Prof. T. Lakshamma Vice-Chairperson, APSCHE Member, AP HEPB</p>
4		 <p style="text-align: center;">Sri. J. Syamala Rao, IAS Principal Secretary, Higher Education Dept. Ex-Officio, AP HEPB</p>

<p>5</p>		 <p>Dr. Pola Bhaskar, IAS Commissioner of Collegiate Education Ex-Officio, AP HEPB</p>
<p>6</p>	 <p>Estb: 1988</p>	 <p>Prof. B. Sudheer Prem Kumar Secretary, APSCH Convener, AP HEPB</p>
<p>7</p>	 <p>Estb: 1926</p>	 <p>Prof. P.V.G.D. Prasad Reddy Vice-Chancellor Andhra University</p>
<p>8</p>	 <p>Estb: 1954</p>	 <p>Prof. K. Raja Reddy Vice-Chancellor Sri Venkateswara University</p>

<p>9</p>	 <p>Estb: 1976</p>	 <p>Prof. P. Rajasekhar Vice-Chancellor (FAC) Acharya Nagarjuna University</p>
<p>10</p>	 <p>Estb: 1981</p>	 <p>Prof. M. Ramakrishna Reddy Vice-Chancellor Sri Krishnadevaraya University</p>
<p>11</p>	 <p>Estb: 2006</p>	 <p>Prof. M. Jagannadha Rao Vice-Chancellor Adikavi Nannaya University</p>
<p>12</p>	 <p>Estb: 2006</p>	 <p>Prof. M. Surya Kalavathi Vice-Chancellor Yogi Vemana University</p>

<p>13</p>	 <p>Estb: 2008</p>	 <p>Prof. N. Venkata Rao Vice-Chancellor Dr. B. R. Ambedkar University</p>
<p>14</p>	 <p>Estb: 2008</p>	 <p>Prof. K.B. Chandra Sekhar, Vice-Chancellor Krishna University</p>
<p>15</p>	 <p>Estb: 2008</p>	 <p>Prof. A. Ananda Rao Vice-Chancellor Rayalaseema University</p>
<p>16</p>	 <p>Estb : 2008</p>	 <p>Prof. G.M. Sundaravalli Vice-Chancellor Vikrama Simhapuri University</p>

<p>17</p>	 <p>Estb: 2022</p>	 <p>Prof. B. Jayarami Reddy Vice-Chancellor (i/c) Andhra Kesari University</p>
<p>18</p>	 <p>Estb: 1964</p>	 <p>Dr. A. Vishnuvardhan Reddy Vice-Chancellor Acharya NG Ranga Agricultural University</p>
<p>19</p>	 <p>Estb: 1986</p>	 <p>Dr. Syama Prasad Pigilam, Vice-Chancellor Dr. NTR University of Health Sciences</p>
<p>20</p>	 <p>Estb: 1993</p>	 <p>Dr. Vengamma Vice-Chancellor & Director SVIMS, Tirupati</p>

<p>21</p>	 <p>Estb: 1983</p>	 <p>Prof. D. Jamuna Vice-Chancellor Sri Padmavati Mahila Visvavidyalayam</p>
<p>22</p>	 <p>Estb: 1997</p>	 <p>Prof. T. Ramakrishna Vice-Chancellor Dravidian University</p>
<p>23</p>	 <p>Estb: 2005</p>	 <p>Prof. V. Padmanabha Reddy Vice-Chancellor Sri Venkateswara Veterinary University</p>
<p>24</p>	 <p>Estb: 2006</p>	 <p>Sri. A. V. Dharma Reddy Vice-Chancellor (i/c) Sri Venkateswara Vedic University</p>

<p>25</p>	 <p>Estb: 2007</p>	 <p>Dr. T. Janakiram Vice-Chancellor Dr. YSR Horticulture University</p>
<p>26</p>	 <p>Estb: 2008</p>	 <p>Prof. G.V.R. Prasada Raju Vice-Chancellor JNTU, Kakinada</p>
<p>27</p>	 <p>Estb: 2008</p>	 <p>Prof. G. Ranga Janardhana Vice-Chancellor JNTU, Anantapur</p>
<p>28</p>	 <p>Estb: 2022</p>	 <p>Sri. J. Syamala Rao, IAS Vice-Chancellor (i/c) JNTU, Gurajada, Vizianagaram</p>

<p>29</p>	 <p>Estb: 2020</p>	 <p>Prof. M. Surya Kalavathi Vice-Chancellor (i/c) Dr. YSR Architecture & Fine Arts University</p>
<p>30</p>	 <p>Estb: 2008</p>	 <p>Prof. K. Hemachandra Reddy Vice-Chancellor RGUKT</p>
<p>31</p>	 <p>Estb: 2008</p>	 <p>Prof. S. Surya Prakash Vice-Chancellor DSN Law University, Visakhapatnam</p>
<p>32</p>	 <p>Estb: 2016</p>	 <p>Prof. P. Fazul Rahman Vice-Chancellor Dr. Abdul Haq Urdu University</p>

<p>33</p>	 <p>CLUSTER UNIVERSITY</p> <p>Estb: 2020</p>	 <p>Prof. D.V.R. Sai Gopal Vice-Chancellor Cluster University, Kurnool</p>
<p>34</p>	 <p>Estb: 2018</p>	 <p>Prof. S.A. Kori Vice-Chancellor Central University of AP, Ananthapuramu</p>
<p>35</p>	 <p>Estb: 2018</p>	 <p>Prof. T.V. Kattimani Vice-Chancellor Central Tribal University, Vizianagaram</p>
<p>36</p>	 <p>Estb: 1987</p>	 <p>Prof. Radhakant Thakur Vice-Chancellor National Sanskrit University, Tirupati</p>

37	 <p>Estb: 2008</p>	 <p>Prof. N.V. Ramana Rao Director School of Planning and Architecture, Vijayawada</p>
38	 <p>Estb: 2013</p>	 <p>Prof. Ganesan Kannabiran Director Indian Institute of Information Technology, Sricity</p>
39	 <p>Estb: 2015</p>	 <p>Prof. M. Chandrasekhar Director Indian Institute of Management, Visakhapatnam</p>
40	 <p>Estb: 2015</p>	 <p>Prof. K.N. Satyanarayana Director Indian Institute of Technology, Tirupati</p>

<p>41</p>	 <p>Estb: 2015</p>	 <p>Prof. D.V.L.N. Somayajulu Director IIITDM, Kurnool</p>
<p>42</p>	 <p>Estb: 2015</p>	 <p>Prof Krishna N Ganesh Director, IISER, Tirupati</p>
<p>43</p>	 <p>Estb: 2015</p>	 <p>Prof. Pramod M. Padole Director National Institute of Technology, Tadepalligudem</p>
<p>44</p>	 <p>VISAKHAPATNAM विद्या प्रशस्यते लोकैः Estb: 2016</p>	 <p>Prof. Shalivahan, Director IIPE, Visakhapatnam</p>

45	 <p>राष्ट्रीय डिजाइन संस्थान National Institute of Design ఆంధ్రప్రదేశ్ • ఆంధ్ర ప్రదేశ్ • Andhra Pradesh Estb: 2015</p>	 <p>Prof. Sekhar Mukherjee Director National Institute of Design, Guntur</p>
----	---	---

One Pager – Future plan of each University/Institute

All the universities/institutes have submitted a brief note (one-page) on the future plan of collaboration with other member institutions of the Board i.e. the projects/activities (academic, research, infrastructure sharing, etc.) keeping in mind the strengths, resources, and vision of collaborating institutions in your cluster and outside the cluster.

They have included the following details in the below format.

Name of your Institution	
Key Strengths of your Institution	
Resources and infrastructure available with your Institution	
Details of Projects/Activities planning to take up in collaboration with other institutions in Academic, Research, Infrastructure, Other areas.	
Specify the expected outcomes of such project/activity in two lines	
Institution/s you are planning to collaborate with	

Andhra University, Visakhapatnam

Name of your Institution	Andhra University, Visakhapatnam
Key Strengths of your Institution	<ul style="list-style-type: none"> ▪ The largest and oldest University with very good brand value and six Constituent Colleges with a Campus students strength of 16000+ and 1.45 lakhs students of Affiliated Colleges. ▪ A MERU with 14,000 students on Campus with about 500 Foreign Students offering U.G., P.G. and Ph.D. Programs through more than 330 departments. ▪ Strong Innovation & Entrepreneurship Ecosystem is being built. ▪ Huge Campus with about 432 acres of land, offers enormous opportunities for growth and expansion.
Resources and infrastructure available with your Institution	<ul style="list-style-type: none"> ▪ Though inadequate, the Block Grant of the University is about Rs.400 crores. ▪ The University has all the required buildings and a built-up area of about 20 lakh sft. for classrooms, labs, hostels and seminar halls.
Details of the project/activities planning to take-up in collaboration with other institutions in academic, research, infrastructure, other areas.	<ul style="list-style-type: none"> ▪ 1,75,000 sq ft. the area is built to accommodate Innovation & Entrepreneurship Ecosystem in different domains in the Campus, which is being supported by DST, RUSA, Industry and A.P. Government. ▪ COE in association with APSSDC & NASSCOM IC. AU Incubation Centre has built-up space of 25,000 sft. and about 25 start-ups are being incubated apart from 6 virtual start-ups. ▪ Many MoUs are signed with industry to establish Industry Chairs, such as IOCL, RINL, GMR Infra, Aurobindo Pharma, DPIIT-Ministry of Commerce & Industry, etc. ▪ 4.Establishing/Constructing a new building for AU School of International Business in about 20,000 sft. to offer 5 years integrated BBA–MBA program as per NEP-2020.
Specify the expected outcomes of such project/activity in two lines.	<ul style="list-style-type: none"> ▪ The expected outcome from the above projects/ activities would be in line with the NEP2020 outcomes such as producing industry ready human resources to match the emerging job opportunities. ▪ 2. To provide an opportunity to students to become entrepreneurs using the innovation, incubation and start-up infrastructure and ecosystem support thereby contributing to the socio-economic development of the region and nation.
Institution/s you are planning to collaborate with	<ul style="list-style-type: none"> ▪ Industries like IOCL, RINL, Ramky, GMR, Aurobindo Pharma, TCABS-E, HPCL, DIGIFAC, AVANTI FEEDS ▪ 2. Academic & Research Institutions like Missouri State University, IIM-V, IIT, DRDO, BARC, NRB, Purdue University, Rowan University, etc.

Sri Venkateswara University, Tirupati

Name of your Institution	Sri Venkateswara University, Tirupati
Key strengths of your Institution	<ul style="list-style-type: none"> ▪ Value Based Education System ▪ Blend of conventional and Modern Teaching and Learning system ▪ ICT enabled pedagogy ▪ Very strong Research Echo system
Resources and infrastructure available with your Institution	<ul style="list-style-type: none"> ▪ Resources available: Reputed Research centres with sophisticated Scientific Instruments. ▪ Infrastructure available: Academic Blocks, Hostels, Auditorium, Stadium, Modern digital Library with wi-fi enabled campus.
Details of the project/activities planning to take up in collaboration with other institutions in academic, research, infrastructure, other areas	<ul style="list-style-type: none"> ▪ Equipment like fruit pulping machine, sugarcane, fruit juice maker, flowers, fruits mushroom selling cart with Customized Cooling Temperature controlled Solar dryer- for drying field and horticulture crops, vegetables, fruits, grains, Leather and Leather goods. ▪ Electric hand held embroidery, cloth and leather sewing machine. ▪ Provide training and encourage SC communities in Chittoor district to produce Vermicompost, bio-fertilizers, and mushroom cultivation to promote organic farming. ▪ Solar powered affordable multipurpose
Specify the expected outcomes of such project/activity in two lines	<ul style="list-style-type: none"> ▪ To increase income through fruit pulp making selling cool sugarcane and fruit juice ▪ To increase efficiency and production of embroidery and handmade cloth & leather goods ▪ Skilled welders, electricians, electronic service and develop value added food and ethano medicinal products and Bio-fertilizers
Institution/s you are planning to collaborate with	<ul style="list-style-type: none"> ▪ IIT-Tirupati ▪ IISER-Tirupati ▪ SVIMS ▪ SPMVV, Tirupati ▪ VSU, Nellore

Acharya Nagarjuna University, Guntur

Name of your Institution	Acharya Nagarjuna University, Guntur
Key strengths of your Institution	Artificial Intelligence, Machine Learning, Image Processing
Resources and infrastructure available with your Institution	AI & ML Lab, M.Tech (Digital Image processing) students who can work on the projects)
Details of the project/activities planning to take up in collaboration with other institutions in academic, research, infrastructure, other areas	<ul style="list-style-type: none"> ▪ Prediction of Crop reaping period from drone-based images ▪ Development of Spider model robot to pluck weeds in agricultural fields ▪ Early prediction of diabetes
Specify the expected outcomes of such project/activity in two lines	<ul style="list-style-type: none"> ▪ By predicting the crop reaping period farmers can cover the losses that occurred due to early reaping or late reaping ▪ Plucking weeds in agricultural fields require a lot of manual labor. By developing a robot that can automatically pluck weeds lot of revenue can be saved for farmer ▪ Predicting diabetes and taking measures in advance would prevent many diseases and deaths and increase the quality of life
Institution/s you are planning to collaborate with	<ul style="list-style-type: none"> ▪ Acharya NG Ranga Agricultural University ▪ Dr. NTR Health University

Sri Krishnadevaraya University, Anantapur

Name of your Institution	Sri Krishnadevaraya University
Key Strengths	<ul style="list-style-type: none"> ▪ Atal Incubation Centre ▪ Skill Development Centre ▪ Innovation Facilitation Centre ▪ Bioinformatics Facility ▪ Atmospheric Research Laboratory ▪ Botanical Garden
Resources and Infrastructure available	<p>Resources: Expertise on Innovation, Entrepreneurship & Incubation, Drug Design using Bioinformatics, Atmospheric research data</p> <p>Infrastructure: State of the art Innovation & Incubation facility, Bioinformatics lab, Advanced Instruments for weather data, Botanical Garden</p>
Details of the project/activities planning to take up in collaboration with other institutions in academic, research, infrastructure other areas	<ul style="list-style-type: none"> ▪ Skill-based training in the application of the Internet of Things for Agriculture, Renewable Energy, Medical Appliances, and other allied domains ▪ Pre-incubation support in terms of Internship, Ideation, Proof of Concept, Prototyping, Mentoring, and IPR ▪ Incubation support in the form of Start-up Registration, Professional Services, Mentoring, Business Plan Development, and Marketing through the Atal Incubation Centre ▪ Hand holding of Academic Institutions through a partnership model to facilitate building up the Entrepreneurial Ecosystem ▪ To develop computational models/ Multimedia interactive educational aids for easy understanding of biotechnology and related topics. ▪ To organize training programs on various advanced topics of Bioinformatics to update the skills and knowledge of Scientists and Researchers. ▪ The data generated from the Weather station can be provided to the students of any University to carry out their research work (M.Phil./ Ph.D./ Projects etc.
Specify the expected outcomes of such project/activity	<ul style="list-style-type: none"> ▪ Establishing the Innovation & Startup Ecosystem in the state ▪ Advanced skilling in Bioinformatics and drug design ▪ Familiarisation with the atmospheric parameters ▪ Sensitization towards flora and fauna
Institutions you are planning to collaborate with	Any University who would like to collaborate with us, to have the above services/access to facilities.

Adikavi Nannaya University, Rajamahendravaram

Name of your Institution	Adikavi Nannaya University, Rajamahendravaram
Key Strengths of your Institution	<p>The University has a College of Arts and Commerce, College of Education, College of Engineering, College of Science & Technology, MSN Campus at Kakinada, and Campus at Tadepalligudem.</p> <p>Affiliated Colleges are 407 and Student Strength is 1,35,000.</p> <ul style="list-style-type: none"> - Flagship programs: Incorporating mandatory project work into the curriculum - Faculty: diverse fields of focus areas of expertise-Lab, field, Extension activities - Research Centres of the University - E- consortium of the University extended to all affiliated colleges - MoU's with International, National, State and Local Institutions - EMR, UGC NSQF and Executive Quota Research Programs
Resources and infrastructure available with your Institution	Huge Human Resource in terms of Student Strength; Research Centres and Labs equipped with scientific instruments together with other accessories like computation facilities
Details of Projects/Activities planning to take up in collaboration with other institutions in Academic, Research, Infrastructure, Other areas.	<p>ACADEMIC</p> <ul style="list-style-type: none"> ▪ Faculty exchange program (<i>Dr. YSRHU, JNTU K and NIT AP</i>) ▪ UGC NSQF Certificate Courses (<i>Dr. YSRHU</i>) ▪ Student Exposure Visits (<i>Dr. YSRHU, JNTU K and NIT AP</i>) <p>RESEARCH / PG Student Research</p> <ul style="list-style-type: none"> ▪ Phytochemistry ▪ DNA Barcoding of flora and fauna (<i>Dr. YSRHU</i>) ▪ Nanotechnology (<i>Dr. YSRHU and NIT AP</i>) ▪ Aquaponics (<i>Dr. YSRHU</i>) ▪ AI / IoT(<i>JNTU K and NIT AP</i>) ▪ Pharma / Nutraceuticals(<i>Dr. YSRHU</i>) <p>SHARING OF RESOURCES</p> <ul style="list-style-type: none"> ▪ Blood Donor App (<i>Dr. YSRHU, JNTU K and NIT AP</i>) ▪ Student – Teacher communication App (<i>Dr. YSRHU</i>) ▪ e- resources at BR Ambedkar Central Library (<i>Dr. YSRHU, JNTU K and NIT AP</i>) ▪ Infrastructure and accommodation for hands on Training programs(<i>Dr. YSRHU, JNTU K and NIT AP</i>) <p>CONSULTANCY SERVICES</p> <ul style="list-style-type: none"> ▪ Phytochemical extractions (<i>Dr. YSRHU, JNTU K and NIT AP</i>) ▪ Nanotechnology interventions for farm formulations (<i>Dr. YSRHU</i>) <p>CO – CURRICULAR AND EXTRA CURRICULAR ACTIVITIES --(Dr. YSRHU, JNTU K and NIT AP)</p> <ul style="list-style-type: none"> ▪ NSS activities ;Sports meets;Cultural events / Fests <p>EXTENSION ACTIVITIES(Dr. YSRHU, JNTU K and NIT AP)</p> <ul style="list-style-type: none"> ▪ Capacity building and Training programs for the underprivileged communities ▪ UG and PG NSS Volunteers as a cluster group to be linked up with RBKs ▪ Blood donation / Health camps Service / awareness activities <p>FUNDING OPPORTUNITIES</p> <p>Inter – Institutional projects to UGC, CSIR, ICAR, NABARD, DST, DBT and other National funding agencies</p>
Specify the expected outcomes of such project/activity in two lines	Create Special Interest Groups (SIGs) among the faculty together with research scholars and students; Obtain Research grants from national funding agencies and also Promote Research opportunities for local students; Develop Consultancy projects; Outreach to the Society through Extension Activities.
Institution/s you are planning to collaborate with	Dr. YSR Horticultural University, Venkataramannagudem; JNTU, Kakinada and NIT, Andhra Pradesh.

Yogi Vemana University, Kadapa

Name of your Institution	Yogi Vemana University, Kadapa
Key strengths of your institution	<p>The University has 100+ dedicated teaching staff, on its rolls besides 307 non-teaching and 125 outsourcing staff. One of the unfailing strengths of the University is its faculty, relatively young with wide overseas exposure in research endeavors and rich experience in teaching. The faculty includes Alexander von Humboldt and Ramanujan Fellows, Young Scientist awardees and recipients of UGC Raman Fellowships (17 No. of C.V. Raman Fellowships, 2 No. of Humboldt fellows and 1 No. of Ramanujan fellowship holder). All the departments are equipped with student friendly class rooms, laboratories, The University has bagged 88+ research projects worth Rs.29.0 crores from various funding agencies such as DST / CSIR / DBT / MNRE / ISRO / UGC / MoES / BRNS / APCOST / MIC, etc. Since its inception the University prioritized research arena and with the support of the Government, funding agencies and enthusiastic faculty, the University has been successful in obtaining the above research projects. Yogi Vemana University received UGC 2(f) and 12(B) statuses in 2007 and 2011, respectively. In a bid to subject the institute to objective evaluation SSR for NAAC was filed in November 2014 and the University accomplished NAAC 'B' grade with 2.54 CGPA in January 2016 in the 1st Cycle. The University enrolled for the NIRF initiative of MHRD, Government of India and was accorded 92nd rank at National level and 3rd rank at the State level. University Grants Commission sanctioned Rs.8.0 crores towards Development Assistance to Yogi Vemana University, Kadapa during XII Plan period. With NAAC accreditation in 2016, RUSA has sanctioned Rs.20.0 crores for the development of infrastructure in the University. The students have proved their worth in National Level examinations such as CSIR/UGC-JRF/ NET and also in APSET (Andhra Pradesh State Eligibility Test) conducted by the State Government. About 30+ students have received DST-INSPIRE and RGNF fellowships till date. About 650 students have obtained campus selections organized by the Placement Cell.</p>
Resources and infrastructure available with your institution	<p>The University is equipped with Central Library, Agri-Science Park, Central Instrumentation Centre, Animal House, Day Care Centre, Gymnasium, Sports Grounds, Facilities for Women, RUSA Scanning Electron Microscopy facility, Health Centre.</p>
Details of Projects/Activities planning to take up in collaboration with other institutions in Academic, Research, Infrastructure, other areas	<p>University faculty have already running projects in collaboration with various institutes like University of Hyderabad, IICT-Hyderabad, CECRI-Karaikudi, IIT-Mandi, Pondicherry Central University, BARC-Mumbai</p>
Specify the expected outcomes of such project/activity in two lines	<p>Improved technologies for health, energy and environment.</p>
Institution/s you are planning to collaborate with	<p>IISc Bangalore, CCMB-Hyderabad, IISER-Tirupati</p>

Dr. B.R. Ambedkar University, Srikakulam

Name of your Institution	Dr. B.R. Ambedkar University, Srikakulam
Key strengths of your Institution	<ul style="list-style-type: none"> ▪ Acquired 12B status in 2019 ▪ Ranked fourth among the Cleanest Higher Educational Institutions in the country in 2019. ▪ Conducted 5th AP Science Congress in 2019 ▪ Accredited with B Grade by the NAAC on 5th October 2021. Conducted 2nd Convocation 9th March, 2022
Resources and infrastructure available with your Institution	1.160 acres area campus. 2. Spacious and digital technology supported classrooms, advanced labs including 5 separate computer labs each with 60 systems for imparting job-oriented skills. 3. Skill-development Centre 4. Hostels including an Ultra Modern Kitchen and indoor and outdoor gyms. 5. Mechanical Engineering Lab 6.Nearing completion of one Administrative Building and one Boys Hostel in addition to 3 existing hostels.
Details of the project/activities planning to take up in collaboration with other institutions in academic, research, infrastructure, other areas	1 .Signed MoU with three Industries located locally for development skill and job-orientation: (i)Tie-up with Aurobindo Pharma: 4 Months postgraduate Internship for M.Sc Chemistry Students. (ii) Tie-up with NACL:Two-Year M.Sc Chemical Technology Programme for Executives of NACL iii. Tie-up with Krishnapatnam Securities Pvt Ltd for certification of 3 PG Diplomas: a.Port Operations and Terminal Management”, b.“Fire and Industry Safety" and c. “Environmental Health and Industrial Safety” d. 4 - Year Integrated Teacher Education Program (B.Sc., B.Ed. & B.A., B.Ed 5. Preschool Training Program for Anganwadi Instructors 6. Engg Programs: Civil and Electrical
Specify the expected outcomes of such project/activity in two lines	The MoU with NACL for its capacity building with the help of BRAU. & The MoU with Aurobindo Pharma for making BRAU’s students to join jobs in Aurobindo Pharma. & The MoU with Krishnapatnam Securities with regard to 3 Diplomas to monitor and certify technical workforce for contributing AP Govt’s multi-crore investing upcoming International airport (Bhogapuram) seaport (Bhavanapadu) and Harbour (Budaghatlavanipalem) in Etcherla Mandal.
Institution/s you are planning to collaborate with	<ul style="list-style-type: none"> ▪ Faculty and Student academic Exchange with Kansas State University (USA) & Roman R Ganta, Kansas State University has been nominated by BRAU as International Visiting Professor.

Krishna University, Machilipatnam

Name of your Institution	Krishna University, Rudravaram, Machilipatnam
Key strengths of your Institution	<ul style="list-style-type: none"> ▪ To support academic activities, the University has a collaborative work culture and positive administration. ▪ The University provides a congenial environment to students to achieve their academic goals. ▪ Some of the departments are involved in funded research projects. ▪ The students are encouraged to join in NCC (National Cadet Corps), which contributes to the nation-building process. The NCC exposes cadets to a variety of activities, with a particular focus on Social Services, Discipline, and Adventure Training. ▪ The University offers a Master of Performing Arts (MPA) in Kuchipudi course to encourage and sustain the Krishna District's original dance tradition.
Resources and infrastructure available with your Institution	<p>Resources available: Human resources comprising 21 regular teaching staff of different levels, 3 regular non-teaching staff of different levels, 132 non-teaching staff (OS), and 63 Asst. Professors (Adhoc).</p> <p>Infrastructure available: The Krishna University was shifted to new buildings worth of Rs. 89 Cr. in the year 2020.</p>
Details of the project / activities planning to take up in collaboration with other institutions in academic, research, infrastructure, other areas	<ul style="list-style-type: none"> ▪ Academic : Krishna University College of Marine Science & Fisheries: A plan to create Krishna University College of Marine Science and Fisheries with the support of Govt. of India in view of several aquaculture units and lengthy coastal stretch of Bay of Bengal. <p>Research Projects:</p> <ul style="list-style-type: none"> ▪ Socio-Economic Effects of Land pooling scheme on Agricultural Community in A.P. – with reference to Select Development Project sponsored by ICSSR – IMPRESS ▪ Problems and Prospects of Kalamkari Units in Machilipatnam - A Study with reference to the selected villages practicing Kalamkari Art in Machilipatnam, Krishna District, Andhra Pradesh - Sponsored by ICSSR - IMPRESS <p>Infrastructure :</p> <ul style="list-style-type: none"> ▪ Rs. 45.12 Cr. worth of new buildings construction work was entrusted to APEWIDC i.e., Engineering College, Pharmaceutical College, Boys hostel, Girls hostel, food court, compound wall and Engineering shed in the Machilipatnam campus ▪ Academic block and extension of Girl's hostel worth of Rs.7.45 Cr. at KRU DR MRAR College of Post- Graduation Studies in Nuzivid.
Specify the expected outcomes of such project / activity in two lines	<ul style="list-style-type: none"> ▪ Separate buildings for the Engineering and Pharmacy colleges will aid in creating a barrier-free atmosphere and bolstering academic infrastructure. ▪ Hostels will assist out-of-town students, particularly female students, in obtaining a comfortable and secure stay on campus. ▪ To train professionals in the fields of Marine Sciences (Marine Biology), Marine Chemistry, Marine resources conservation, Aquaculture, and fish farming by offering master's and doctoral programmes in these and related fields.
Institution/s you are planning to collaborate with	Microsoft Corporation, <i>etc.</i>

Vikrama Simhapuri University, Nellore

Name of your Institution	Vikrama Simhapuri University, Nellore
Key strengths of your Institution	<ul style="list-style-type: none"> ▪ Most talented and dedicated faculty ▪ Academic and Research activities in the Dept. of Arts & Social Sciences, Management Studies, Computer Science, Chemical, Biological Sciences.
Resources and infrastructure available with your Institution	<ul style="list-style-type: none"> ▪ Resources available: The University has received a one-time catch-up grant of Rs 2.5 crore from the UGC and Rs. 15 Crore from Government of Andhra Pradesh. The Government of Andhra Pradesh has enhanced the annual Block Grant to Rs 16.59 crore. ▪ Infrastructure available: Administrative Block , Academic Block, Men's Hostel, Women's Hostel, Library in the Administrative Block, Generator 125 KVA capacity, RO System for Drinking Water, Green Plantation with 83 Acres, Transpiration facility for both Students & Staff, Pucca BT Internal Roads, 120 Feet Road connectivity from National Highway.
Details of the project/activities planning to take up in collaboration with other institutions in academic, research, infrastructure, other areas	<ul style="list-style-type: none"> ▪ DST-FIST (for the Department of Biotechnology, VSU-Nellore by the DST-SERB (Department of Science and Technology), Govt. of India - Rs. 78,00,000 ▪ Purification and Chemical Characterization of Bioactive Leads from a Marine Bacterium (for Dr. K. Vidya Prabhakar, Principal Investigator by Department of Biotechnology (DBT), Govt. of India) - Rs. 36,60,700 ▪ Elucidation of Role of Ecdysteroids and Retinoic Acid in the Regulation of Molting and Reproduction in Edible Selected Crustaceans of Aquaculture Importance (for Dr. S.B. Sainath, Principal Investigator by the DST-SERB (Department of Science and Technology), Govt. of India) - Rs. 28,70,000 ▪ Design of a nutrient medium using banana waste for fungal strains (for Dr. K. Vidya Prabhakar, Principal Investigator by the DST-SERB) - Rs. 22,91,000 ▪ Isolation, Purification and Characterization of a Novel Alkaline Laccase from a Marine Bacterium (for Dr. K. Vidya Prabhakar, Principal Investigator by the DST-SERB) - Rs. 12,00,000 ▪ In Vitro Conservation, Essential oil Studies and Pharmacological Screening of Pimpinella wallichiana Clarke (Apiaceae): An Endangered Endemic Plant Species of Western Ghats, Southern India (for Dr. C. Kiranmai, Principal Investigator by the DST-SERB) - Rs. 31,22,460 ▪ Characterization and Genetic Diversity of Bartonella Bacteria in Small Animals (for Dr. G. Vijaya Ananda Kumar Babu, Principal Investigator by the DST-SERB) - Rs. 35,38,206 ▪ Molecular Epidemiology of Carbapenemases producing Enterobacteriaceae from Clinical Samples (for Dr. US Allam, Principal Investigator by the DST-SERB) - Rs. 41,67,020

	<ul style="list-style-type: none"> ▪ Purification and purification of laccase enzyme from a bacterium isolated from dairy effluents (for Dr. K. Vidya Prabhakar, Principal Investigator by the DST-SERB) - Rs. 30,00,000 ▪ Molecular Identification, Phylogenetic Dissection and Barcoding of Snapper (Perciformes: Lutjanidae) by Using MT-CO1 Gene (for Dr. K.V.L. Shrikanya Rao by the DST-SERB) – Rs. 57,00,000 ▪ Antagonistic Activity of <i>Pongamia Pinnata</i> Against Quorum Signal Molecule Produced by a Marine Bacterium (Dr. K. Vidya Prabhakar by the National Medicinal Plants Board (NMPB), Ministry of Ayush, Govt. of India) Rs. 37,12,000 ▪ Exploring Novel Bioactive Compounds from Marine Bacteria (for Prof. Vijaya Ananda Kumar Babu by the DST-SERB) – Rs. 45,46,000
Specify the expected outcomes of such project/activity in two lines	<ul style="list-style-type: none"> ▪ High-end scientific equipment is procured. ▪ Production of bioactive compounds from marine bacteria. ▪ Production of edible crustacean animals for aqua industry. ▪ Designing of nutrient media for fungal strains form banana waste. ▪ Production of laccase enzymes from marine bacteria for commercial usage. ▪ Preservation of endangered plant species. ▪ Genetic characterization of pathogenic bacteria in small animals. ▪ Epidemiological survey of antibiotic resistant bacteria in clinical samples. ▪ Production of industrial enzymes for commercial purpose. ▪ Barcoding of important fish animals. ▪ Commercial products form marine bacteria. ▪ Isolation of bioactive compounds from marine bacteria.
Institution/s you are planning to collaborate with	<ul style="list-style-type: none"> ▪ Indian Institute of Technology (IIT), Kharagpur ▪ Indian Institute of Science (IISc), Bangalore ▪ Indian Institute of Technology (IIT), Tirupati ▪ Indian Institutes of Science Education and Research (IISER), Tirupati ▪ Indian Institute of Chemical Technology (IICT), Hyderabad

Acharya N.G. Ranga Agricultural University, Guntur

Name of your Institution	Acharya N.G. Ranga Agricultural University, Lam, Guntur
Key Strengths of your Institution	<ul style="list-style-type: none"> ▪ Periodic Diagnostic field visits during the crops season to identify major biotic and a biotic stress. ▪ Agro Situation based tailor made farm advisory services ▪ Innovative Farmer Network – To Promote the farmer-to-farmer communication.
Resources and infrastructure available with your Institution	<ul style="list-style-type: none"> ▪ 10 colleges offering, UG, PG, Ph.D programmes in Agriculture, Agriculture Engineering & Technology, Community Science faculties ▪ 33 Agricultural Research Stations spread across 6 agro-climatic zones and 26 districts doing research on all major agricultural crops with producing national and internationally popular varieties and technologies ▪ 13 Krishi Vigyan Kendras (KVK) with 50 acres of model farm each, 13 District Agriculture Advisory and Transfer of Technology Centres (DAATTCs) and Agricultural Information and Communication Centre (AI & CC), Electronic Wing, Farmer Call Center. ▪ State of the labs across the state, to name few, Institutes of Frontier Technologies, Tirupati; Central Instrumentation Cell, Bapatla; Biofertilizer production units @ Amaravathi, Anakapalli, Tirupati
Details of Projects/ Activities planning to take up in collaboration with other institutions in Academic, Research, Infrastructure, Other areas.	ANGRAU has MoU's with national and international institutes like ICRISAT, MANAGE, IIOPR, CTRI, University of Western Australia (UWA) etc for collaborative research activities and students research work for PG and Ph.D programs in different disciplines
Specify the expected outcomes of such project / activity in two lines	<ul style="list-style-type: none"> ▪ Transfer of Technologies generated from lab to lab. ▪ Students research work facilitates student exposure to various Institutes ▪ Collaborative research work helps in better outcome of various proposed projects ▪ Advanced Farm mechanization
Institution/s you are planning to collaborative with	<ul style="list-style-type: none"> ▪ IISER, Tirupati; ▪ SPA, Vijayawada ▪ SPMU, Tirupati ▪ VIT, Amaravathi ▪ Efforts are in progress to collaborate with other members of APHEPB

Dr. NTR University of Health Sciences, Vijayawada

Name of your Institution	Dr. NTR University of Health Sciences, Vijayawada
Key strengths of your Institution	<p>This University which is a professional University had been offering health care education with the main objective of maintaining uniform curriculum and system of examinations of all the affiliated Medical Colleges of the respective system of medicine viz., Medical, Dental, AYUSH, Nursing and other Paramedical Courses.</p> <p>This University makes available or generate adequate and high-quality medical professionals for the society.</p>
Resources and infrastructure available with your Institution.	Government Grant towards payment of salaries, fee collected from the students and Colleges affiliated to this University.
Details of the project/activities planning to take up in collaboration with other institutions in academic, research, infrastructure, other areas	To encourage research, the University has been giving special emphasis to enhance more research work in Medical and allied sciences by motivating the students at the UG level to step out with new inventions and discover the solutions for the long-lasting various issues that have not been addressed in the field of medical and allied sciences.
Specify the expected outcomes of such project/activity in two lines	For encouraging research by students, the University has incepted research scholarships to the students in the name of UGSRS (Undergraduate Research Scholarship). The University with a view to enhance the research knowledge of the faculty working in the affiliated colleges, has decided to introduce a faculty research program duly giving financial assistance to the eligible faculty.
Institutions you are planning to collaborate with.	<p>The University has started to make MOUs with various reputed institutions / organisations like NIN, Hyderabad Nagarjuna University, Guntur JNTU, Kakinada Lincoln University, USA etc., to share knowledge towards enhancing the Research in Medical & Health and its allied subjects.</p>

Sri Venkateswara Institute of Medical Sciences (SVIMS), Tirupati

Name of your Institution	Sri Venkateswara Institute of Medical Sciences (SVIMS), Tirupati
Key strengths of your Institution	SVIMS is spread out in a 107.04-acre campus that has 38 super/broad speciality medical departments, 4 colleges and 2 inter-disciplinary departments and is developing into a centre of excellence in providing medical care, education and research activities in the fields of medical and other allied sciences including inter-disciplinary fields of physical and biological sciences. In addition to these, SVIMS also provides training in para-medical and allied fields, particularly related to super-specialties. Currently, SVIMS is offering 79 academic programs ranging from DM/M.Ch. to certificate courses with a strength of 2000 students (Admissions delayed due to COVID 19).
Resources and infrastructure available with your Institution	SVIMS has Central Library, E-Resources, Central Research Laboratory, Animal House, Adverse Drug Reaction Monitoring Centre, and Simulation & Medical Education. SVIMS has the following colleges/departments: <ul style="list-style-type: none"> ▪ Sri Padmavathi Medical College for Women ▪ College of Nursing ▪ College of Physiotherapy ▪ Department of Biotechnology ▪ Department of Bioinformatics
Details of the project/activities planning to take up in collaboration with other institutions	Some of our Professors are working on projects funded by the Directorate General of Health Services, ICMR, DBT, BIRAC, NCDC, and Science & Engg. Research of New Delhi. Some Professors are working on projects funded by the Centre for Vedas Science Research (CVSR), Tirupati, and ICMR-NCDIR, Bengaluru.
Specify the expected outcomes of such project/activity in two lines	<ul style="list-style-type: none"> ▪ Create a centre of excellence for providing medical care, education and research facilities of a high order in the field of medical sciences in the existing super specialities and such other super-specialities as may develop in future, including continuing medical education and hospital administration. ▪ Provide state-of-the-art medical training in UG, PG, and Super specialities so as to set a high standard of medical education. ▪ Provide training in paramedical and allied sciences, including interdisciplinary fields of physical and biological sciences. ▪ Render service for community health care education needs and function as a referral hospital.
Institution/s you are planning to collaborate with	<ul style="list-style-type: none"> ▪ Indian Institute of Science Education and Research, Tirupati ▪ Sri Padmavati Mahila Visvavidyalayam, Tirupati ▪ Sri Venkateswara Aravind Eye Hospital, Tirupati ▪ Sri Venkateswara Veterinary University, Tirupati ▪ Sri Venkateswara Institute of Cancer Care & Advanced Research, Tirupati ▪ American Heart Association

Sri Padmavati Mahila Visvavidyalayam (SPMVV), Tirupati

Name of your Institution	Sri Padmavati Mahila Visvavidyalayam (SPMVV), Tirupati
Key strengths	<ul style="list-style-type: none"> ▪ Vibrant Synergy of Innovation, Incubation and Entrepreneurship ecosystem consisting of the following <ul style="list-style-type: none"> ✓ Technology Business Incubator from DST, GOI ✓ Women Biotech incubator facility from BIRAC-DBT, GOI ✓ Livelihood Business Incubator from MSME, Govt of India ✓ Food science incubator from FPI Govt of India ✓ TOXIC from DSIR, GOI ✓ CURIE- Centralized facility from DST, GOI ✓ CURIE-Augmented Reality lab (first in A.P) ✓ Trans Disciplinary Research Centre (UGC STRIDE)) ▪ Competent ecosystem for research, Research grants from DBT, DST, ICSSR, ICMR, NKBC and UGC and outreach activities
Resources and infrastructure available	<p>Resources available:</p> <ul style="list-style-type: none"> ▪ Technical Knowledge; Incubation Facilities; For collaborations/ Linkages <p>Infrastructure available:</p> <ul style="list-style-type: none"> ▪ Different scientific laboratories and research infra like ▪ Robotics labs, AI & Augmented reality labs, Clean room ▪ Centralized Life sciences Laboratory Space with high end Laboratory equipment like GC-MS, Zeta potential, FTIR, PCR and RT PCR, Gel Doc, DNA Sequencer, NMR spec and etc.
Details of the project/ activities planning to take up in collaboration with other institutions in academic, research, infrastructure, other areas	<ul style="list-style-type: none"> ▪ Submitted 2 proposals on IoT for Agri technologies to the tune of Rs. (9.0 Cr) to the call given by DST, New Delhi Under Science, Technology Innovation hub for SC and ST communities which is under active consideration ▪ Submitted 6 proposals to DRDO, New Delhi on innovative technologies for Defence research in collaboration with cluster I Institutions. ▪ Defended DBT builder project (Multi / Trans disciplinary). ▪ Submitted Proposal for establishing Digital University to augment the digital resources of 'Teaching-Learning'.
Specify the expected outcomes of such project/activity in two lines	<ul style="list-style-type: none"> ▪ Establishing Science Technology Innovation hubs for the Science & Technology innovative strategies for farmers. ▪ Encouragement for student – faculty exchange, Resource sharing and Inter-Institutional Hub/Consortium on Science & Technology with employability and entrepreneurial skills for students and cross institutional research activities.
Institution you are planning to collaborate with	<ul style="list-style-type: none"> ▪ IISER, Tirupati ▪ ANGRAU, Guntur & Tirupati ▪ SVIMS University, Tirupati ▪ IIIT, Sricity, Tirupati ▪ S V veterinary University, Tirupati ▪ S.V. University, Tirupati

Dravidian University, Kuppam

Name of your Institution	Dravidian University, Srinivasavanam, Kuppam
Key strengths of your Institution	<ul style="list-style-type: none"> ▪ The University has a strong work culture and good governance to support the academic activities. ▪ All departments are actively engaged in various research programmes and projects sanctioned by the national bodies. ▪ Numerous interdisciplinary courses are offered and the translation studies are part of all language departments. ▪ Students' welfare measures are taken care and they are provided with all required academic atmosphere to pursue their studies without any difficulty. ▪ UGC sponsored training cells are established to train the students for competitive examinations especially SC/ST/BC and minority students.
Resources and infrastructure available with your Institution	<ul style="list-style-type: none"> ▪ Resources available: Human resources comprising 59 regular teaching staff of different levels, 45 regular non-teaching staff of different levels, 266 non-teaching staff (OS), and 37 academic consultants. ▪ Infrastructure available: Buildings, furniture, equipment etc., worth about Rs.50 crores is available in the campus.
Details of the project / activities planning to take up in collaboration with other institutions in academic, research, infrastructure, other areas	<ul style="list-style-type: none"> ▪ Silver Jubilee Guest House: Proposed to be constructed during the year 2022 (Silver Jubilee Year of Dravidian University) at an estimated cost of Rs.25.00 crores in collaboration with Governments of Tamil Nadu, Karnataka, Kerala, and Puducherry. ▪ Dravidian University College of Mines and Geology: Proposed to be established in the year 2022 (Silver Jubilee Year of Dravidian University) at an estimated cost of Rs.90.00 crores for construction of buildings, teaching and non-teaching staff salaries in collaboration with the Department of Mines, Government of India. It is proposed because there are huge deposits of rock granite and Kuppam area is rich in granite deposits which can be studied by starting the University College with focus on teaching and research in this particular subject and allied subjects. There is a huge potential for it.
Specify the expected outcomes of such project / activity in two lines	<ul style="list-style-type: none"> ▪ Silver Jubilee Guest House to cater to the expanding hospitality needs of the visitors to the University. ▪ To prepare professionals in Mining, Geology, Rock Mechanics, Seismic Movements by offering Masters Level, and Ph.D Level Programmes in these areas including allied areas.
Institution/s you are planning to collaborate with	<ul style="list-style-type: none"> ▪ Silver Jubilee Guest House to be constructed in collaboration with Governments of Tamil Nadu, Karnataka, Kerala, and Puducherry. ▪ Dravidian University College of Mines and Geology is proposed to be started in collaboration with Department of Mines, Government of India.

Sri Venkateswara Veterinary University, Tirupati

Name of your Institution	Sri Venkateswara Veterinary University, Tirupati
Key strengths of your Institution	<ul style="list-style-type: none"> ▪ Teaching ▪ Research ▪ Extension
Resources and infrastructure available with your Institution	Smart class room and Video Conference system
Details of the project/activities planning to take up in collaboration with other institutions in academic, research, infrastructure, other areas	<ul style="list-style-type: none"> ▪ Collaboration with National institutions like SVIMS, TTD, Tirupati, NIANP, Bangalore. ▪ Collaboration with International institutions i.e University of Pennsylvania, Netherlands and Royal Veterinary College, London.
Specify the expected outcomes of such project/activity in two lines	Prevention, Control and Diagnosis of various Zoonotic and infectious diseases.
Institution/s you are planning to collaborate with	<ul style="list-style-type: none"> ▪ TANUVAS, Chennai ▪ NIANP, Bangalore

Sri Venkateswara Vedic University, Tirupati

Name of your Institution	Sri Venkateswara Vedic University
Key strengths of the Institution	<ul style="list-style-type: none"> ▪ Activities to preserve and propagate Veda, Veda Bhashyam, Agama, Pourohityam, Vedangas. And Cognate Literature & Sanskrit. ▪ Imparting courses in Vedas and Vedangas to the students. ▪ Conducting of Vedic rituals and Hindu festivals and telecasting through SVBC. ▪ Inviting Vedic Scholars and arranging seminars, Symposiums and work-shops.
Resources and infrastructure available with the Institution	<p>Resources available: Totally funded by TTD & Recognized by the UGC.</p> <p>Infrastructure available:</p> <ul style="list-style-type: none"> ▪ University has its own buildings such as Administrative building, Academic blocks, guest houses, Hostel buildings, Research Publications building and Boys Hostel. ▪ Library with a huge number of Books and Manuscripts. ▪ Veda Recording Project and recording Studio.
Details of the project/activities planning to take up in collaboration with other institutions in academic, research, infrastructure, other areas	<ul style="list-style-type: none"> ▪ Established CVSR Project – earmarking funds. ▪ Selecting the scholars for Vedic Science Research Projects – funding for research projects.
Specify the expected outcomes of such project/activity in two lines	To bring out the hidden scientific knowledge in Vedas for development and welfare of society in the fields of Health, Medical, khagola and water Sources etc.
Institution/s you are planning to collaborate with	<ul style="list-style-type: none"> ▪ National Sanskrit University, Tirupati ▪ Oriental Research Institute SV.University, Tirupati ▪ Science centre, Tirupati ▪ S.V. Ayurvedic College, Tirupati ▪ S.V. Institute of Medical Sciences, Tirupati etc.

Dr. Y.S.R. Horticultural University, Venkataramannagudem

Name of your Institution	Dr. Y.S.R. Horticultural University, Venkataramannagudem
Key strengths of your institution	<ul style="list-style-type: none"> ▪ State Horticulture (Professional) University, 2nd of its kind in the country ▪ University with a mandate of Education, Research & Extension in horticulture & allied sectors ▪ Forty-two (42) institutes are functioning under the university ▪ Highly qualified experienced faculty
Resources and infrastructure available with your institution	<ul style="list-style-type: none"> ▪ Well Equipped labs, technically trained students, faculty with specialization in horticulture and allied sectors ▪ Centre of Excellence on vegetable & flowers and orchids, Electronic Wing, Community Radio Station, Horti-Millet Unit, Processing & Skill Training Center
Details of Projects/ Activities planning to take up in collaboration with other institutions in Academic, Research, Infrastructure, Other areas	<ul style="list-style-type: none"> ▪ Conducting awareness programs on comprehensive RBK's activities on farming practices. ▪ Faculty Exchange program to be initiated as a Webinar series, initiating with the introduction of the Universities to the students and faculty of the collaborating Institutions, followed by topics as per the stakeholders' requirement ▪ Student exposure visits collaborating universities starting with the Udyana Sandarsana 2022 by YSRHU ▪ Development of MOOCs topics to be identified and finalized after discussions with the faculty members of the respective universities. ▪ Take up collaborative work with NIT, Andhra Pradesh on Drone technology, remote sensors, nanotechnology
Specify the expected outcomes of such project/activity	<ul style="list-style-type: none"> ▪ Awareness on RBKs activities ▪ Collaborative Research Projects ▪ Products
Institution you are planning to collaborate with	<ul style="list-style-type: none"> ▪ University having collaboration with Adikavi Nannaya University, JNTU-Kakinada and NIT, Andhra Pradesh ▪ In addition, proposes collaboration with institutions located in Agency (Tribal) areas

Jawaharlal Nehru Technological University, Kakinada

Name of your Institution	Jawaharlal Nehru Technological University, Kakinada
Key strengths of your Institution	<ul style="list-style-type: none"> ▪ Highly motivated, renowned faculty (50% of the regular faculty members have Ph.D. degrees from IITs, IISc, and NITs) with strong work ethics and commitment to quality education, positive morale, and commitment are the backbone of the Institution. ▪ A large number of affiliated (Professional) colleges. ▪ Regularly updated Curriculum (for every 3 years) ▪ Green Auditing is done for the university. JNTUK has a Green Campus Eco score of 53 in 2022 and is rated "Outstanding Performance" by ISO Certified Green Auditing. ▪ Eminent alumni of the Institution include Padma Vibhushan E Sridharan, Delhi Metro Chief, Padma Bhushan K.I. Varaprasada Reddy, MD, Santa Biotech, Hyderabad, Padma Sri V.C. Kulandai Swami, Ex-Vice Chancellor of Anna University & IGNOU, Prof S Muthukumar, Former Vice-Chancellor, Bharathidasan University, Sri RSSLN Bhaskarudu, Former MD, Maruti Udyog Ltd., Sri Y Sivasagara Rao, Former CMD, Visakhapatnam Steel Plant, Sri BVR Mohan Reddy, Founder and Executive Chairman, Cyient Ltd, etc,
Resources and infrastructure available with your Institution	<p>Resources available: Well-established Laboratories and Library facilities.</p> <p>Infrastructure available: 100 Acres of land, good physical infrastructure, well equipped, modernized UG and PG laboratories, certain advanced equipment for research and consultancy, well-equipped Library, web-based information system, modern computing facilities with six hundred systems, Wi-Fi facility, and 7 Kilometers optical fiber backbone for Intranet and Internet.</p>
Details of the project/activities planning to take up in collaboration with other institutions in academic, research, infrastructure, other areas	<ul style="list-style-type: none"> ▪ Collaborative research in the areas of Artificial intelligence, farm machinery, Bio-Technology ▪ Planning to take up a research project along with the other members of the Regional cluster group of Godavari districts, Dr. YSR Horticultural University, Adikavi Nannaya University, and NIT – AP on ‘Development of Integrated farming systems for the sustainability of farmers’.
Specify the expected outcomes of such project/activity in two lines	Self-sustenance of farmers
Institution/s you are planning to collaborate with	<ul style="list-style-type: none"> ▪ Dr. YSR Horticultural University ▪ Adikavi Nannaya University ▪ National Institute of Technology – Andhra Pradesh

Jawaharlal Nehru Technological University, Anantapur

Name of your Institution	Jawaharlal Nehru Technological University, Anantapur
Key strengths of your Institution	<ul style="list-style-type: none"> ▪ Experienced and dedicated faculty ▪ Faculty involvement with the students ▪ Positive reputation in the society ▪ Many programs are NBA accredited ▪ Diverse and vibrant student body
Resources and infrastructure available with your Institution	<p>Resources available: The 75 years old college is full of resources and infrastructure available for research in the departments of Civil, EEE, Mechanical, ECE, CSE, Chemical, Physics and Chemistry.</p> <p>Infrastructure available: Well-equipped and well maintained laboratories</p>
Details of the project/activities planning to take up in collaboration with other institutions in academic, research, infrastructure, other areas	<ul style="list-style-type: none"> ▪ Usage of stone dust in place of sand ▪ Alternative ways for storage, establishment of processing industries ▪ Pesticide Solar Sprayer on wheel ▪ Miniaturization of Li ion Batteries and Lead Acid Batteries project ▪ Novel method for treatment of industrial waste water ▪ An attempt of finding the basic reasons of Uddanam Nephropathy which is Andhra's mysterious kidney disease ▪ Design and Development of a Computer Aided Diagnosis System using Infrared Thermograph images with OMAP/ARM Processor to detect Diabetic foot ulcers
Specify the expected outcomes of such project/activity in two lines	<ul style="list-style-type: none"> ▪ Utilisation of granite waste from the granite mines present in Anantapur, Kurnool and Kadapa districts in place of sand, to overcome the scarcity of sand. ▪ Helping the farmers to create cold storages and conversion of agricultural products into value added products. ▪ Solar sprayer on wheels can be easily handled by farmer at bearable cost and ZERO maintenance. ▪ Reducing the size of Li-ion and Lead acid batteries. ▪ Production of Biodiesel from organic waste like food waste generated from restaurants, hostels and individual households. ▪ Controlling deaths in Uddhanam village, A.P. ▪ Ease in medical image analysis and forecasting the problems at early stages
Institution/s you are planning to collaborate with	<ul style="list-style-type: none"> ▪ IIT, Dhanbad ▪ IIT, Jodhpur ▪ Sri Krishnadevaraya University, Anantapur ▪ JNTU, Kakinada

Dr. YSR Architecture and Fine Arts University, Kadapa

Name of your Institution	Dr. YSR Architecture and Fine Arts University, Kadapa
Key strengths of your Institution	<ul style="list-style-type: none"> ▪ Promote Industrial Consultancy Projects in areas such as Architecture, Town Planning, Interior design, Building services, Civil Engineering, Sculpture, Animation, and Photography. ▪ Faculty of eminence with good academic and Industrial exposure. ▪ Student support services. ▪ The curriculum includes research-based assignments, internships and provides an opportunity for self-learning courses via SWAYAM – NPTEL. Dr. YSRAFU has become a part of NPTEL Local Chapters, which supports the students in lifelong learning. External inputs, from corporate executives, are an integral part of the pedagogy, thus preparing the students for careers in the industry.
Resources and infrastructure available with your Institution	<p>Resources available: WiFi, Central Library, Sports Facility, Studios, Laboratories.</p> <p>Infrastructure available: Functioning in Leased Premises Classrooms are Equipped with MaxHub Smart Boards Boys & Girls Hostels</p>
Details of the project/activities planning to take up in collaboration with other institutions in academic, research, infrastructure, and other areas	<ul style="list-style-type: none"> ▪ Collaborated with NIT Warangal for 5 years to promote research/funding projects, share research-related infrastructure, student & faculty exchange programs, and exchange academic & scientific information. ▪ Collaborated with Annamacharya Institute of Technology and Sciences Rajampet, Kadapa for 5 years for academic purposes. ▪ Collaborated with Panchayat Raj & Engineering Department, Kadapa for 5 years for student academic purposes.
Specify the expected outcomes of such project/activity	Utilization of lab Infrastructure, joint research & funding projects, student and faculty Exchange Programmes, Short Term Internship programs, Training, promote joint Consultancy services.
Institution/s you are planning to collaborate with	<ul style="list-style-type: none"> ▪ National Institute of Technology, Tadepalligudem ▪ National Institute of Design, Andhra Pradesh ▪ IIIT RK Valley ▪ Bharathi Cements, Kadapa ▪ Annamacharya Institute of Technology and Sciences, Kadapa

RGUKT

1. Creating a central training and placement unit to coordinate with the campus placement cells. It should be headed by a senior person with industry experience and exposure.
2. Start incubation centers, to begin with in RK Valley and Nuzvid.
3. Developing as Center of Excellence in a multidisciplinary perspective:
 - a. Starting M.Tech programme in Emerging Technologies along with reviving earlier conventional programmes.
 - b. Starting Minors/Optional in both new technology related and conventional courses in basic and applied sciences, humanities and social sciences, fine arts etc.
 - c. Starting Integrated B.Tech, MBA, B.Tech-MS in Public Policy and B.Tech-MS in Nanotechnology.
 - d. Ph.D programme in the established campuses on a limited scale.
 - e. Training and Placement Center for a focused attention on quality high-end placements.
 - f. Research and Extension to build RGUKT as a Center of Excellence in certain identified areas.
4. Others:
 - a. Amendment of the Act 18 of 2008 to make it compatible to contemporary situation and to make it comprehensive.
 - b. Appointment of a full fledged Vice-Chancellor – a note from the Government.
5. Budgetary support required for 2022-23.
6. Building Ongole campus and completing Srikakulam campus.
7. Permission to fill up faculty positions:
 - a. Senior faculty immediately
 - b. Assistant Professors in about a year. (This is not budgeted in the current year)
8. Strengthen collaboration with AP State Skill Development Corporation and other agencies involved in training and placement.
9. University has already signed MOUs with NIT Warangal, IIT Tirupati and the Korean Cultural and Technological Centre for student and teacher exchange and research collaborations. Signing of MOU's with university of AIZU, Japan, IIT Hyderabad, IIIT Hyderabad, ISB, Hyderabad is in the pipeline.

Damodaram Sanjivayya National Law University, Visakhapatnam

Name of your Institution	Damodaram Sanjivayya National Law University
Key Strengths of your Institution	<ul style="list-style-type: none"> ▪ Providing Comprehensive Legal Education at all levels to achieve excellence in Law ▪ Strict adherence to academic calendar, Eco friendly campus, Solar Power, Sewage Treatment Plant, Procurement through GEM ▪ ISO Certification in the following standards: <ol style="list-style-type: none"> i) Facility ii) Environmental iii) Quality iv) Energy
Resources and infrastructure available with your institution	<p>Resources: Government Funds and Students Fee</p> <p>Infrastructure:</p> <ul style="list-style-type: none"> ▪ State of Art Infrastructural facilities ▪ Library with online National and International resources ▪ Hostels viz., Boys Hostel and Girls Hostel including reading rooms ▪ Gym and TV room in respective hostels ▪ Centralized AC at Academic Block including Faculty Chambers, classrooms (with PAS and LCD projectors) and library ▪ 1 GBPS internet connectivity ▪ Moot Court Hall ▪ Sports viz., foot ball ground, volley ball and basketball ground, Long Tennis Court, Table Tennis and other sports ▪ Mess with 350 capacity ▪ Primary Health Centre & All in All Ambulance Van ▪ Buses ▪ ATM ▪ Training Centre ▪ 14. Legal Aid Centre
Details of the Project/activities planning to take up in collaboration with other institutions in academic, research, infrastructure, other areas	<p>DSNLU has been awarded two projects viz.,</p> <p>A Study on Functioning of Commercial Courts in the Southern Region of India for Improving Ease of Doing Business, from the Department of Justice, Ministry of Law & Justice, Government of India</p> <p>Project cost: Rs.15,96,992.00</p> <p>A Study of Digitalization and Modernization of Land Records in India with special reference to Visakhapatnam.</p> <p>Project cost: Rs. 4,59,000.00</p>
Specify the expected outcomes of such projects/activity	In the process
Institution/s you are planning to collaborate with	<ul style="list-style-type: none"> ▪ National Law University, Delhi ▪ National Research Development Corporation ▪ Central University of Kashmir ▪ Centre for Adivasi Research and Development, Odisha ▪ SRM University, Delhi-NCR ▪ Himachal Pradesh National Law University, Shimla ▪ Institute of Company Secretaries of India

Dr. Abdul Haq Urdu University, Kurnool

Name of your Institution	Dr. Abdul Haq Urdu University, Kurnool
Key Strengths of your Institution	Promote and develop Urdu language. To offer vocational and technical programmes in Urdu medium through conventional and distance mode. The University envisions to offer programmes in bilingual mode for all the sections of the society in line with the NEP-2020 and skill development will be in focus.
Resources and infrastructure available with your Institution	Campus of 144 acres was allocated to Urdu University by the Government of Andhra Pradesh. Construction of an Administrative building and a Girls Hostel are underway. The University has been functioning from rented buildings since its inception in 2016.
Details of Projects/Activities planning to take up in collaboration with other institutions in Academic, Research, Infrastructure, Other areas.	The regular faculty is not yet recruited. The 35 sanctioned positions of teachers need approval for recruitment. Therefore, research activities, collaborations etc are yet to begin.
Specify the expected outcomes of such project/activity in two lines	-Same as above-
Institution/s you are planning to collaborate with	Research collaborations will be planned once staff is in place.

Cluster University, Kurnool

Name of your Institution	Cluster University, Kurnool
Key Strengths of your Institution	Cluster University is constituted of the three Cluster Colleges- Silver Jubilee Govt College (autonomous), KVR Women Govt Degree College (Autonomous), Government College for Men, Kurnool
Resources and infrastructure available with your Institution	MHRD- RUSA grants sanctioned in the first phase and constructed Academic and Administrative buildings, Science block, libraries, auditorium, canteens are constructed with Rs.55 crores. Presently the Govt. of AP has sanctioned Rs.88 crores for the construction of Cluster University Academic and Administrative buildings, classrooms, laboratories, library, and hostels at Jagannathagattu, Kurnool.
Details of Projects/Activities planning to take up in collaboration with other institutions in Academic, Research, Infrastructure, Other areas.	The Cluster University is newly constituted so, the projects are not yet initiated. The faculty of the three constituent colleges are consisting of UGC minor research projects. Now, Cluster University is going to collaborate with other institutes such as IIIT, Kurnool, and KMC, Kurnool for both academic and research activities. Areas of research collaboration on Computational studies, Hospital management, Clinical virology research, Food and Nutrition studies with NIN, Hyderabad.
Specify the expected outcomes of such project/activity in two lines	We will initiate research projects and scientific activities at the earliest.
Institution/s you are planning to collaborate with	IIIT, Kurnool; Kurnool Medical College, Kurnool; IISc., Bangalore; IIT, Chennai; NIN, Hyderabad; CCMB, Hyderabad; ICT, Hyderabad; University of Hyderabad, Hyderabad; DFRL, Mysore; CFTRI, Mysore; University of Delhi, Delhi; NIV, Pune; IISER, Tirupati.

Central University of Andhra Pradesh, Anantapur

Name of your Institution	Central University of Andhra Pradesh. Anantapuramu
Key strengths of your Institution	<ul style="list-style-type: none"> ▪ Contemporary Courses and Learning ▪ Outcomes-Based Education
Resources and infrastructure available with your Institution	Human Resources in the areas of Humanities and Social Sciences
Details of the project/activities planning to take up in collaboration with other institutions in academic, research, infrastructure, other areas	<ul style="list-style-type: none"> ▪ Seminars ▪ Extension Lectures
Specify the expected outcomes of such project/activity in two lines	<ul style="list-style-type: none"> ▪ Optimal utilisation of expertise available locally ▪ Sharing of strengths with sister institution
Kurnool	<ul style="list-style-type: none"> ▪ JNTU Anantapur ▪ SKD University, Anantapur ▪ IIIT, Kurnool

Central Tribal University of Andhra Pradesh, Vizianagaram

Name of your Institution	Central Tribal University of Andhra Pradesh, Vizianagaram
Key strengths of your Institution	<ul style="list-style-type: none"> ▪ Central University ▪ Only Tribal University in the Two Telugu States ▪ Take-up research on Tribal issues and concerns ▪ Skill based education
Resources and infrastructure available with your Institution	Fully funded Higher Education Institution from GoI. Central Library and Computer, Chemistry, Physics, Geology, Botany Labs
Details of the project/activities planning to take up in collaboration with other institutions in academic, research, infrastructure, other areas	<ul style="list-style-type: none"> ▪ National Council of Technical Education, New Delhi sanctioned a Project worth of Rs.18 Lakhs on Indian Knowledge System ▪ Entered a MoU with National Academy of Construction, Andhra Pradesh for skill training on Plumbing, Masonry, and Electrification etc. ▪ Entered a MoU with the Andhra Pradesh Tribal Cultural Research and Training aiming to do research on Tribal Culture, Dance, Art, Craft, Culinary art and other related issues. ▪ Entered an MoU with Dr. Ambedkar Chair of Excellence, Ministry of Social justice, New Delhi to give free competitive coaching (IAS) for Scheduled Cast Students.
Specify the expected outcomes of such project/activity in two lines	<ul style="list-style-type: none"> ▪ 100 Schedule Caste students will be giving Civil Service (IAS) Coaching through DACE. ▪ Tribal Dance, Art, Crafts, Culinary may be highlighted and excel the importance of those aspects in the society. ▪ Tribal Students, SC, OBC and financially backward students shall get Vocational Training/Develop and enhance skills for getting livelihood and become self-sufficient and entrepreneurs.
Institution/s you are planning to collaborate with	<ul style="list-style-type: none"> ▪ Any Institution with similar ideology ▪ Any institution which gives value addition to the students, Teachers and Tribal Community ▪ Any National/International which accelerates Academics and Research.

School of Planning and Architecture, Vijayawada

Name of your Institution	School of Planning and Architecture, Vijayawada
Key strengths of your Institution	<ul style="list-style-type: none"> ▪ SPA Vijayawada is one of the three institutes of national importance, under the Ministry of Education (MoE), Government of India ▪ The institution has excellent Faculty members of diverse specializations in fields of Architecture and Urban Planning who are constantly involved in various academics, research and developmental activities of the School. ▪ Regularly taking up key Consultancy and Research projects and assignments with the Government, the Industry and the International partners. ▪ In terms of outreach, SPA Vijayawada has been continuously joining hands with leading institutes and organisations of the world, not only to provide exposure to our students towards the best practices in the world
Resources and infrastructure available with your Institution	<p>Resources available: Faculty Strength, Student Quality, High quality research environment.</p> <p>Infrastructure available: hostels, central library, ICT enabled teaching atmosphere, high end digital surveillance systems, modern laboratories, spacious studios, classrooms, open air theatres, auditorium, cafeteria, outdoor sports facilities.</p>
Details of the project/activities planning to take up in collaboration with other institutions in academic, research, infrastructure, other areas	MoU's with 12 International and 23 National Organisations/Institutions.
Specify the expected outcomes of such project/activity in two lines	International and National Collaboration leading to better teaching and research environment in our institute through exchange programs, guest lectures, etc leading to overall faculty as well as student development.
Institution/s you are planning to collaborate with	Indian Institute of Technology (IIT) (Tirupati), Vijayawada Municipal Corporation, Centre for Green Building Materials and Technology (CGBMT), National Institute of Design (NID) Andhra Pradesh, School of Planning and Architecture, Delhi , Directorate of Town and Country Planning (DTCP), AP Forest Department, Council of Architecture, India, British Council-UK, University de Lille

IIM Visakhapatnam

1. The Indian Institute of Management Visakhapatnam is an Institution of National Importance, set up under the IIMs Act, 2017. The Act empowers the Institute to attain standards of global excellence in management education, management research, and allied areas of knowledge.
2. Over the past six years, the Institute has considerably expanded its activity profile in scale, scope, spread, and specialization. It enjoys today, a distinctive place in the comity of IIMs, with several first-mover advantages. Among the many significant achievements of the Institute are:
 - (a) Student-cohort with national character (representing 22 of the 28 states); Regular winners of competitions pan-India.
 - (b) Consistent 100% placements. Ahead of many IIMs in compensation packages.
 - (c) Faculty cohort (30) on rolls. Highest among all the 7 new-age IIMs; Impressive academic and research credentials from top-notch national & international institutions; Representing 16 states of the country; 37% women.
 - (d) First-ever IIM to conduct a specialized MBA Program in Digital Governance & Management in blended learning mode, under the aegis of the Ministry of Electronics & IT (MeitY), GOI.
 - (e) Among the 9 IIMs chosen to conduct the 2-year Mahatma Gandhi National Fellowship Pgm. under the aegis of the Ministry of Skill Development & Entrepreneurship (MSDE), GOI. Through this initiative, the Institute is facilitating the development and growth of the skill ecosystem across 76 districts of Andhra Pradesh, Arunachal Pradesh, and Bihar.
 - (f) One of the few IIMs to have a dedicated Incubator – IIMV-FIELD (Foundation for Incubation, Entrepreneurial Learning & Development), a Section 8 (not-for-profit) company. Every year, it hosts large cohorts of women entrepreneurs under a special and successful initiative called the Women Start-up Program, helping them translate their ideas into products and services. The Incubator thus far mentored and trained more than 1000 aspiring entrepreneurs (men and women) in managing their startups.
 - (g) Only the 5th IIM to be granted a Technology Incubation and Development of Entrepreneurship (TIDE) Centre under the aegis of MeitY, GOI. Received funding for the Accelerator Program under the National Initiative for Developing and Harnessing Innovations by the Dept. of Science & Technology, GOI. Also received funding under the CSR initiatives of reputed Pvt. Company.
 - (h) The only IIM to have a Board-approved Institute Start-up and Innovation Policy, with an allocation of 1% of the expenditure budget towards an Innovation Fund, to encourage students to venture into entrepreneurship and provide the seed funding, prototype grants, etc.
 - (i) The only IIM in the country to have been granted the Dr. B R Ambedkar Chair by the Ministry of Social Justice & Empowerment (MSJE), GOI.
 - (j) Only the 3rd IIM to sign up for PRME (Principles of Responsible Management Education), an initiative of the UN Global Compact
 - (k) A member of the United Nations Sustainable Development Solutions Network.
 - (l) Once completed in Aug.2022, the Institute will be the only the 3rd IIM (among 20) to have the GRIHA 5-star rating campus, with a net-zero status in energy, water, and carbon footprint.

IITDM Kurnool

Name of your Institution	Indian Institute Information Technology Design and Manufacturing, Kurnool
Key strengths of your Institution	<ul style="list-style-type: none"> ▪ Teaching and research ▪ Campus development is in progress and expected to be ready by March 2023.
Resources and infrastructure available with your Institution	<p>Resources available: IoT Lab, Samsung Innovation Campus Lab, Electronics and Manufacturing labs</p> <p>Infrastructure available: Construction of 11 new buildings are in progress.</p>
Details of the project/activities planning to take up in collaboration with other institutions in academic, research, infrastructure, other areas	<ul style="list-style-type: none"> ▪ Signed MoU with IIM, Visakhapatnam to offer certificate courses on Digital leadership in Smart Manufacturing for industry professionals. ▪ Signed MoU with Samsung to impart training, research and development, and consultancy in the area of Artificial Intelligence & Machine Learning and Data Science;
Specify the expected outcomes of such project/activity in two lines	Pilot joint training with Samsung on AI ML was started for students from June 2022.
Institution/s you are planning to collaborate with	<ul style="list-style-type: none"> ▪ IIT, Tirupati ▪ IIM, Visakhapatnam ▪ NIT, Andhra Pradesh ▪ JNTU, Ananthapuramu

Indian Institute of Science Education and Research (IISER), Tirupati

Name of your Institution	Indian Institute of Science Education and Research (IISER) Tirupati
Key strengths of your Institution	<ul style="list-style-type: none"> ▪ Advanced Undergraduate research laboratories in Physics, Chemistry and Biology. ▪ High quality education in basic sciences viz. Biology, Physics, Chemistry, Mathematics, and Earth & Climate Science by integrating undergraduate teaching and research. ▪ Innovative teaching methods for UG, PG education with highly qualified and experienced faculty.
Resources and infrastructure available with your Institution	<ul style="list-style-type: none"> ▪ Resources available: Research Laboratories, well stocked Library and highly qualified faculty. ▪ Infrastructure available: Two Hostel buildings, UG Laboratory. Construction of the Permanent campus buildings are currently in progress.
Details of the project/activities planning to take up in collaboration with other institutions in academic, research, infrastructure, other areas	<ul style="list-style-type: none"> ▪ MoU with Institutions like Melbourne University, Columbia University, Cornell University, Temple University, IIT Tirupati SPMVV Tirupati, SV University, SVIMS etc. for inter-academia research collaborations. ▪ MoU with Industries like TATA Steel, GAIL Ltd. and Amara Raja Group etc. for research collaborations.
Specify the expected outcomes of such project/activity in two lines	<ul style="list-style-type: none"> ▪ Nurturing talent and moulding character for future generations. ▪ Technology and fundamental development in selected areas of Sciences
Institution/s you are planning to collaborate with	<ul style="list-style-type: none"> ▪ Yogi Vemana University, Kadapa ▪ Dravidian University, Kuppam ▪ KREA University, Sri City

NIT Tadepalligudem

Name of the Institute	National Institute of Technology (NIT) Andhra Pradesh, Tadepalligudem
Key Strengths of the Institute	<ul style="list-style-type: none"> ▪ Highly qualified faculty graduated from IITs and NITs ▪ Focused on integrating Teaching, Learning, Training, Research & Innovation and Skill Development in undergraduate, post graduate and doctoral programmes ▪ Focuses on 100 % Placements and Promotes Students' Startups
Resources and Infrastructure available with the Institute	<ul style="list-style-type: none"> ▪ Good equipped academic & laboratory complexes and Engineering Workshops ▪ Sustainable 1 MW Solar Roof Top Power Plant ▪ Dr. Kalam Open Innovation Laboratory
Details of Projects/ Activities planning to take up in collaboration with other institutions in Academic, Research, Infrastructure, Other areas.	<ul style="list-style-type: none"> ▪ Collaborative Research Projects and Student Exchange Programs with IITs/NITs/IITs/Reputed Universities ▪ Collaboration with Industries/ MSMEs for establishment of DSIR - Common Research & Technology Development Hub (CRTDH) on Electronic and Renewable Energy (Sponsored by DSIR, Ministry of Science & Technology, Govt of India) ▪ Build the Centers of Excellence with Industry support ▪ Knowledge sharing & Training through ▪ AP State Skill Development Corporation (APSSDC)
Specify the expected outcomes of such project/ activity in two lines	Aims to establish strong linkages with industries and other institutes through research, technology and innovation collaborations for mutual benefits.
Institution/s we are planning to collaborate with	Top 100 NIRF and Top 500 QS World Ranking Institutes.

IPE Visakhapatnam

<p>Name of your Institution: Indian Institute of Petroleum & Energy, Visakhapatnam</p>
<p>Key Strengths of your Institution.</p> <ul style="list-style-type: none"> ▪ IPE, is an energy domain specific institute, co-promoted by the leading Public Oil PSUs namely HPCL, ONGC, OIL, GAIL & IOCL in association with OIDB; ▪ IPE is meeting the quantitative and qualitative gap by supplying skilled manpower for petroleum & energy sectors and boost the RA needed for growth of sectors and IPE is offering 4 year B.Tech in Petroleum Engg & Chemical Engg. & PhD courses. ▪ Considering the rapid innovations and developments of new technology in the energy sector and emerging areas like Shale gas, Coal Bed Methane, Gas Hydrates, Renewal Energy & Gas etc, IPE is keeping pace with the new developments ▪ For student Exchange Programs & Faculty Development Programs, IPE signed MoUs with some of the major eminent educational Institutes of India as well as of World repute like: Texas A&M University; Houston University; IIT Delhi; IIT Hyderabad; IIT Madras; IIT Kharapur (Mentor Institute); ▪ IPE planned to enter into MoU with the major Oil PSUs for Industry-academic Interaction programs, joint & collaborative research, training programs & capacity building, teaching by the Industry experts etc.
<p>Resources and infrastructure available with your Institution:</p> <ul style="list-style-type: none"> ▪ Reservoir Engineering Lab ▪ Production Engineering Lab ▪ Drilling & Fracturing Lab ▪ Computer Lab ▪ IPE is presently utilizing the AU Labs for Chemical & Mechanical Engineering
<p>Details of Projects/ Activities planning to take up in collaboration with other institutions in Academic, Research, Infrastructure, Other areas.</p> <p>The ongoing projects and proposed projects/ research activities planning are as follows:</p> <ul style="list-style-type: none"> ▪ Block Copolymer–DNA based Template for Conductivity Tunable Polyaniline Electronic Devices, ▪ Development of 5-LOX specific scoring function and application of fragment based free energy methods for the development of novel anticancer drug candidates, ▪ Structure based design of nanobody inhibitors against EGFR: A Protein engineering approach to develop novel therapeutics for lung cancer, ▪ Development of ultra-sensitive sensors based on graphene quantum dots for the non- invasive diagnosis of cancer via breath analysis, ▪ (Project Code: CRSAEC09) Collaborative Research Project (Title: Development of Antifouling Membranes using Low Temperature Plasma) as a CO-PI, funded by World Bank (under TEQIP -III program of MHRD, Govt. of India) ▪ (Project Code: CRSAEC10) CRS Project (Title: Removal of arsenic and fluoride from groundwater of Kamrup district, Assam, India) funded by World Bank (under TEQIP -III program of MHRD, Govt. of India) ▪ A two-track approach to CPS Reconnaissance: causal-graphs and axiomatic design", Funded by National Research Foundation (NRF)-Singapore,
<p>Specify the expected outcomes of such project/activity in two lines:</p> <p>The expected outcomes of such project/activities are mentioned above.</p>
<p>Institution/s you are planning to collaborate with:</p> <p>Indian Institute of Technology Tirupati; Indian Institute of Information Technology Kurnool; IISER Tirupati; Indian Institute of Information Technology Sri City; National Institute of Technology, Andhra Pradesh; Central University of Andhra Pradesh.</p>

Agenda of the 3rd AP HEPB Meeting

Day 1 (29.07.2022)		
S.No	Event Schedule	Time (IST)
1	Inauguration	10:00 AM – 11:30 AM
<i>Tea Break (11:30 AM – 11:45 AM)</i>		
2	Plenary Session (Theme Discussion)	11:45 AM – 01:00 PM
<i>Lunch Break (01:00 PM – 02:00 PM)</i>		
3	Presentation by the coordinators of Regional Cluster Groups (Activities/Programs Completed-Ongoing-Future Plan) 10 minutes for each Regional Cluster Group	02:00 PM – 03:00 PM
4	Round Table Discussions of the 05 Regional Cluster Groups	03:00 PM – 04:00 PM
<i>Tea Break (04:00 PM – 04:15 PM)</i>		
5	Campus Visit by the members of AP HEPB	04:15 PM – 06:00 PM
Day 2 (30.07.2022)		
6	A session on the “Strategies to improve the Institutional Rankings” by Prof. K. Balaveera Reddy (Former Chairperson, BOG, NITK, Surathkal)	09:00 AM – 10:00 AM
7	Institutional Best Practices (05 minutes for each Institution)	10:00 AM – 11:00 AM
<i>Tea Break (11:00 AM – 11:15 AM)</i>		
8	AP HEPB Board Meeting	11:15 AM – 01:00 PM



ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

(A Statutory Body of the Government of A.P)

2nd, 3rd, 4th and 5th floors, Neeladri Towers, Sri Ram Nagar, 6th Battalion Road, Atmakur (V),
Mangalagiri (M), Guntur, Andhra Pradesh, Pin - 522 503
secretaryapsche@gmail.com, <https://apsche.ap.gov.in>