



2nd National Conference (Online/Offline)

on

**NEP-2020 for Comprehensive Transformation in
Agricultural Education - initiatives,
challenges and a way forward**

15th&16th March - 2022



:: Organized by ::

University of Agricultural Sciences, Raichur

Under

**ICAR-National Agricultural Higher Education
Project - IG**

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ABOUT THE CONFERENCE

Agriculture is the mainstay of Indian economy with 52 per cent of the labour force employed in agriculture and allied activities, it is the main source of livelihood for over 70 per cent of the rural poor. However, at the time of independence agriculture sector contributed more than 50 per cent to the country's GDP which is hovering around 15 per cent at present. As per fourth advance estimates for 2020-21, total food grain production in the country is estimated at a record 308.65 million tonnes which is 11.15 million tonnes higher than that during 2019-20. This can be attributed to the measures taken by government to augment production with the research & development support to improve crop productivity through improved technologies and mechanization from the agricultural education system.

Education is the key to prosperity and opens a world of opportunities for everyone. Agricultural education must aim at ensuring inclusive and equitable quality education and promoting life long learning opportunities. The agricultural education system in India is currently implemented through 74 Agricultural Universities (AUs) structured on the US Land-Grant pattern - integrating teaching, research, and extension. These, together with ICAR's 106 institutes and hundreds of centers comprise the National Agricultural Research and Education System (NARES) which is the largest in the world. The NARES, in addition to being responsible for Green, Yellow, White, and Blue Revolutions – is also generating the human resources for teaching, research, extension & development activities.

In the present scenario, there is need to address income security, nutrition security and food security which is essentially a problem of economic access to adequate and nutritive food, distribution, social and economic inclusiveness and knowledge deficit along the value-chain. This could partly be attributed to the lack of skilled and trained human resources and decline in quality and responsiveness of agricultural education system. Now, it is imperative to integrate basic sciences courses with agricultural courses by quality human resource with a focus on attracting talented youth to Agriculture. Taking these issues the agricultural education with allied disciplines need to be revived.

Agricultural Universities comprise approximately nine per cent of all universities in the country, enrolment in agriculture and allied sciences is less than one per cent of all enrolment in higher education. Both capacity and quality of agriculture and allied disciplines need to be improved in order to increase agricultural productivity through better skilled graduates and technicians, innovative research, and market-based extension linkages. A paradigm shift in agricultural education is imperative in developing professionals for smart agriculture with the ability to understand and use local knowledge, traditional knowledge, and emerging technologies, while being cognizant of critical issues such as declining land productivity, climate change, food sufficiency for our growing population, etc.

With the introduction of NEP-2020 there is need to create a world-class agricultural university system attuned to face local, national, and international challenges and opportunities. Additional measures include: institutionalizing transparent governance, autonomy, meritocracy, judicious allocation of resources, monitoring and impact assessment, strengthening basic and emerging sciences, establishing and nurturing centers of excellence to attract youth for leadership in agriculture, institutionalizing skill development, entrepreneurship, experiential learning, and vocational training through effective collaborations.

The NEP, being progressive, futuristic, and student-centric, should be duly internalized in National Agricultural Education Policy. An institutionalized multidisciplinary approach is needed to solve the problems in agriculture. Increasing mechanization, automation, use of resources conserving technologies, data management, using Big Data Analytics, ICT & hybrid education eventually becomes fundamental component of future education. Artificial Intelligence, Block chain technologies, biosensors, non-fossil fuel, renewable energy, solar power, waste management etc. will greatly impact agric-food systems, hence must be internalized in Agriculture curricula.

The UAS, Raichur is running a project on **“Digitization of Library for Information Services to Strengthen and Develop Competitive Human Resources at Agricultural University”** approved by ICAR under ICAR-NAHEP-IG World Bank funds. It is an opportune time to cross interact with the eminent educationists in the field of Agricultural Education to discuss on approaches and methods towards strengthening the structure in Agriculture Education and rethink on the syllabi for effective teaching. Keeping these in view, a two day National conference on **“NEP-2020 for Comprehensive Transformation in Agricultural Education- initiatives, challenges and a way forward”** is planned with the following themes.

CONFERENCE THEMES

- ◆ Scope and opportunities for learning in Agricultural Education under NEP-2020
- ◆ Gross enrollment ratio in Agricultural Education: Status and Prospects
- ◆ Holistic multidisciplinary education in agriculture- Structural and Operational Challenges
- ◆ Experiences in collaborative institutional arrangements for start-ups and entrepreneurship development
- ◆ Digital education techniques in agriculture – Initiatives and Challenges

ABOUT THE VENUE

Raichur is located between two rivers Tungabhadra and Krishna, which serve as base for irrigation in the Northern Karnataka. Raichur is well connected to all major cities in India by road and rail, the nearest airport is Hyderabad. University of Agricultural Sciences, Raichur was established as the Agricultural University in the Karnataka State by bifurcating erstwhile UAS, Dharwad in the year 2009 and covers seven districts of Kalyana Karnataka region. The University has an area of 247 hectares of land comprising Main Agricultural Research Station, College of Agriculture, College of Agricultural Engineering and ICAR- Krishi Vigyan Kendra.

The UAS, Raichur has registered significant growth in the last decade reaching newer heights in agricultural education, research and extension. It is a matter of pride to mention that UAS, Raichur has secured 25th rank during the year 2020-21 in ICAR SAU's ranking. Also, the University has entered in to the process of getting NAAC accreditation. The University has played an important role in obtaining GI tag for 'Gulbarga Tur Dal'. The weather during March will be warm and pleasant with a minimum of 24°C and maximum of 36°C.

VENUE AND DATE

The National Conference will be held at UAS Auditorium, Raichur, Karnataka on 15th & 16th March, 2022

HOW TO REACH RAICHUR

Airports

- ◆ Rajiv Gandhi International Airport, Hyderabad is about 210 km to UAS, Raichur by road
- ◆ Kempe Gowda International Airport, Bengaluru is about 450 km to UAS, Raichur by road

Trains

Raichur is well connected with major trains going to New Delhi, Hyderabad, Mumbai, Chennai and Bengaluru etc.

ELIGIBILITY

NAHEP-IG of UAS, Raichur takes pride in inviting academicians, scientists, farmers, entrepreneurs of agro-based industries / NGOs / SHGs / agricultural graduates, research scholars from across India to participate in the National Conference.

SUBMISSION OF PAPER AND ABSTRACT

Contributions covering various themes of conference are invited as abstracts which include title of the paper, author(s) with affiliation to organization, introduction, materials and methods and major findings in brief. The abstracts should be typed in MS-word, Times New Roman, 12 fonts with 1.5 spacing and 250-300 words. Besides, invited papers and key note addresses, there will be oral and poster presentations. Full length papers will be published in a special issue of "**Journal of Farm Sciences**". In each session, best oral and poster paper awards shall be given. Please send the abstracts and invited papers to Organizing Secretary e-Mail: nahepig@uasraichur.edu.in

IMPORTANT DATES

Last date for submission of Abstracts	28-02-2022
Intimation of acceptance letter	04-03-2022
Submission of full length paper	10-03-2022
Registration Fees and Accommodation	12-03-2022

REGISTRATION FEES (₹)

Category	Fee (₹)	
	Physical	Virtual
Delegates	1500	500
Research scholars/RA/SRF	1000	300
Students	400	200

MODE OF PAYMENT

The registration fee includes conference kit, breakfast, lunch and dinner on all days of conference and compendium of abstract. The registration fee does not include accommodation charges.

The registration fee can be paid through NEFT, RTGS and Demand Draft in favour of "The Organizing Secretary, National Conference, UAS, Raichur, Bank & Branch: State Bank of India, UAS, campus Raichur. Account No:39964379800 RTGS/NEFT IFSC Code: SBIN0010870 SWIFT: MICR Code: 584002003

ACCOMMODATION

Accommodation at UAS Guest Houses is limited and will be provided on first come first serve basis with confirmed participation offline. Accommodation is also available at various hotels at reasonable rates. Delegates who want to book the hotels are requested to send the filled in appended registration form indicating the choice of hotel along with remitting atleast one night's rent in advance latest by 12-03-2022

ADVERTISEMENT TARIFFS (Souvenir / Compendium)

Back cover page (outer)—Rs. 30,000/-; Back cover page (inner)—Rs.20,000/-;
Inside souvenir/abstract book-full page-Rs.15,000/-; Inner half page-Rs.10,000/-;

EXHIBITION

In order to create awareness on agricultural education approaches, methods, scope and importance of agricultural education under NEP. It is proposed to organize an exhibition at the venue of the conference.

AWARDS

Best oral and poster presentation awards will be given in each of the themes.

STEERING COMMITTEE

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Registration Form

National conference on NEP-2020 for Comprehensive Transformation in
Agricultural Education- initiatives, challenges and a way forward

15th & 16th March 2022, UAS, Raichur

Name: _____ Gender _____

Designation: _____ Category : _____

Address for communication: _____

e-mail: _____ Mobile: _____

Attending Physical/Virtual : _____

Mode of payment of registration Fee (NEFT/RTGS/IMPS/Demand Draft): _____

Reference No./Transaction ID/DD Number & Date: _____

Signature of Participant