



### Proceedings of IV<sup>th</sup> IQAC Meeting 08 September, 2023

4<sup>th</sup> IQAC Meeting was organized on 08 September, 2023 in the committee room of the Vice-Chancellor. Following members were present in the Meeting.

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Dr. K.K. Singh, Hon'ble Vice-Chancellor	Chairperson
Dr. Ramji Singh, Registrar	Member
Smt. Laxmi Mishra, Finance Comptroller	Member
Dr. Vivek, Dean, College of Agriculture	Member
Sh. Manohar Singh, Member of BOM	Member
Sh. Sunil Chaudhary, MD., Fryo Food Pvt.Ltd. Meerut	Member
Sh. Vineet Kumar Baliyan, Director, Greenland Agro Marketing Ltd.	Member (Alumnus)
Dr. Satya Prakash, Professor, Horticulture	Member
Dr. U.P. Shahi, Professor, Soil Science, College of Agriculture	Member
Dr. Amit Kumar, Professor, College of Biotechnology	Member
Dr. Shreya Rawat, Assistant Professor, College of Vet. & Animal Sci.	Member
Dr. Harshit Verma, Assistant Professor, College of Vet. & Animal Sci.	Member
Ms. Gajjela Indra, ID No 4819, Ph.D. Agronomy (Student)	Member
Dr. Anil Sirohi, Director Research	Coordinator

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At the outset, the coordinator IQAC, Dr. Anil Sirohi accorded a hearty welcome to Chairman of the meeting Hon'ble Vice-Chancellor Dr. K.K. Singh and all other members present in the meeting and narrated the agenda and purpose of the meeting.

Hon'ble Vice-chancellor Dr. K.K. Singh during his opening remarks insisted for the betterment of Teaching, Research and Extension activities among the faculty members across the colleges. He emphasized the use of technology and power point presentation in PG and Ph.D. teaching. He suggested that MSc. and Ph.D. thesis must have target oriented approach for technology/product development and these can be considered as in house projects which can be funded in the form of seed money. He also appraised the house that the revenue generation is going to be a next focus point and for the purpose the focus should be to increase contract research and consultancy. The faculty must focus to get MoU's with industry and these MoU's with industry must be used to develop collaborative projects, students training programmes and also to get CSR funds. The MoU's with academic institutions must be explored for inter institutional collaboration, students research and utilization of their laboratory facilities. He also suggested initiating students financial assistance programme for needy students. The focus of faculty must be on the development and execution of best practices, diploma programme, certificate courses, value added courses and other measures to increase the revenue generation on regular basis. He also informed the house that university is in the process to apply for NIRF rating and NAAC accreditation. In coming time NEP is to be implemented and an incubation centre will be established with the financial assistance of Rs/- 5.0 Cr received from the state government.

Coordinator IQAC made a presentation on NAAC and NAAC VS NIRF. He gave the house an overview of details of the seven key criteria of NAAC assessment, Functions of IQAC, strategies, objectives, benefits, composition, role of coordinator/Director, operational features of IQAC etc. He also appraised the house about the progress of NAAC accreditation process. He informed the house that committees constituted for seven criteria have collected relevant data. The data collected so far has been presented to Hon'ble Chancellor and Hon'ble Vice-Chancellor. House was also informed about the action taken on the recommendations of third IQAC meeting.

### **Action Taken Report on Agenda Item of 3<sup>rd</sup> IQAC**

<p><b>Agenda1: Research Priorities</b></p> <p><b>College of Veterinary Sciences &amp; Animal Husbandry</b>  2 Research Projects were submitted under National Agricultural Science Fund (NASF)  6 Research Projects were submitted to UPCAR  16 projects were submitted under National Livestock Mission  A pilot project of Estrus synchronization and AI with sex sorted semen combination for making Gaushala Cows Pregnant is in progress to reduce burden on Gaushala.  Besides the cases at TVCC, The efforts made by team of mobile Veterinary Clinic Services for dairy animals in Western Uttar Pradesh of College of Veterinary Sciences judged best practice provide inputs in deciding research priorities areas.</p> <p><b>College of Biotechnology</b>  Research priorities were prepared and research work is being conducted as per the listed priorities by faculty members and students.</p> <p><b>College of Agriculture</b>  Rural Youth Skill development training programme organized on mushroom production, Bio-agent production and Fish farming etc.</p>
<p><b>Agenda 2: Strengthening of Experiential Learning Modules</b></p> <p><b>College of Veterinary Sciences &amp; Animal Husbandry</b>  It is part of undergraduate BVSc &amp; AH Programme for students  The 21 days training on “Skill Development on Commercial Goat Production for Self Employment &amp; Income Generation” for farmers is in progress from 05.09.2023. The documentation of success stories of our trained farmers is also in process  The module for poultry &amp; Dairy development are in progress. Proceeding ahead in this direction, the foundation stone of Dairy Plant will be laid in Kisan Mela of University to be held in October 2023  The Livestock Exhibition will be main attraction in Kisan Mela for demonstrating best dairy animals of Uttar Pradesh &amp; Harayana  College teachers are continuously participating in Kisan gosthis, Pashu pradarshani of state &amp; Central Government</p> <p><b>College of Biotechnology</b>  In Experiential Learning programme students were attached to various industries / organizations to learn the industry needs and recent development in field of Biotechnology.</p> <p><b>College of Agriculture</b>  High Yielding Sugarcane varieties recommended for Western U.P. Viz. Cos 13235, Colk 14201, Co 15023 have planted at Chirodi farm. The seed production of high yielding varieties of different crops are  <b>RICE-</b> PB1885, PB1692, PB1509, PB 1718, PB 1121</p>

<p><b>Wheat-</b> K 1317 DBW 187, DBW 173, DBW 303, DBW 327, DBW 332, HD 3226.</p> <p><b>Pulses – (Urd)</b> PU-9, Shaker 2,</p> <p><b>Oilseed (Mustard)</b> NYCY-05-02, PDZM-33 are producing at Chirodi farm of the University</p>
<p><b>Agenda 3: Entrepreneurship programme at SVPUAT</b></p> <p><b>College of Veterinary Sciences &amp; Animal Husbandry</b> 5 Crore Rupees for incubator have been issued under this programme from state governments for new start up</p> <p><b>College of Agriculture</b> New PG Programme related to Agri- Business Management has been submitted to registrar for further necessary action. The feedback collected from 950 students, 95 faculty member, 20 employers and 30 alumni. Feedback summarized and submitted to concern for the necessary action.</p>
<p><b>Agenda 4: Improvement of Master's &amp; PhD Research Quality</b></p> <p><b>College of Veterinary Sciences &amp; Animal Husbandry</b></p> <ul style="list-style-type: none"> <li>● Inclusion of Co-Guide in postgraduate studies programme from other institutes like CIRC, Meerut, IVRI, National Institute of Animal Health, Baghpat was started for increasing collaboration &amp; improvement in Quality of student Research</li> <li>● The MOU with NDRI will be signed on 13 September 2023</li> <li>● The MOU with CARI, CIRG &amp; DUVASU are under process</li> <li>● The MVSc &amp; PhD course Programmes were revised as per BSMA Guidelines of ICAR</li> </ul> <p><b>College of Biotechnology</b> Inclusion of Co-Guide in postgraduate studies programme from other institutes will be started from current academic year. M.Sc.&amp; PhD course Programmes were revised as per BSMA Guidelines of ICAR.</p>

The following agenda items were discussed in the meeting.

1. Attracting CSR funds for Education, Research & Extension
2. Developmental activities through MLA funds and MP funds.
3. Strengthening of international collaboration
4. Any other agenda with the permission of Chair.

During discussion the house further emphasized that following point's need urgent attention:-

- ❖ Sh. Sunil Chaudhary suggested that research should focus on locally viable crops. He emphasized that ICRISAT has developed high oleic groundnut varieties with reduced risk of developing cardiovascular diseases. University should collect those varieties for testing at University and then commercialize to meet food industry needs for large shelf life and improved health benefits. He also emphasized that University should focus on high Amylase and Amylopectin varieties of maize for industrial uses. Sweet potato is another crop on which research programmes may be initiated. Another point raised by him was to standardize crop geometry. There is a need to work on optimum plant density per unit area to ensure efficient utilization of resources to maximize crop yield, and minimize weed growth. Hence, it is

necessary to recommend optimum plant population depending on the growing conditions of the crop. The issues of local horticulture crops like mango must be focused to reduce cost of production and improve quality of produce. He also suggested to approach local MP & MLA, Ladies club, NGO's and other local bodies for financial assistance of local need based proposals. He suggested the establishment of window/ display stall for University activities in forthcoming NRCTC rapid rail.

- ❖ Sh. Manohar Singh Tomar suggested the placement based approach of the internship programme of the students, linking of farmers with the University, real time experience of students to farmers field and also the propagation of seed of new sugarcane variety COS-17321 for the local farmers through KVK's.
- ❖ Sh. Vineet Kumar Baliyan emphasized on industry based approach/exposure/training of students in industry with the main focus on the fertilizer and pesticides, organization of alumni meet, development of joint projects with industry. He proposed the donation of rupees 2.0 Lack for alumni fund, financial support to students and industry interaction programmes, and suggested the development of university blog.
- ❖ Ms. Gajjela Indra suggested the induction of students based evaluation of teachers, merit certificates in PG and Ph.D programmes, student involvement in various activities, and research oriented internship programme for PG and PhD and introduction of advance courses on bio statistics and project writing. The class room teaching must be interactive including trending topics.
- ❖ Dr. Shreya Rawat suggested fee based entry of the students in various training programmes and strict monitoring of students attendance in day today classes.
- ❖ Dr. Harshit Verma also suggested the improvement in student attendance monitoring systems and re structuring of examination pattern like inclusion of applied questions in question papers.
- ❖ Dr. U.P. Shahi suggested the development of the value added courses and their timely execution, implementation of certificate/ diploma courses as regular feature in university academic calendar.
- ❖ Dr. Amit Kumar suggested the improvement in the comprehensive examination of PhD. programme and external evaluation for both PG and PhD. students academic performance, addition of contract research in the mandate of IAEC of the University to improve the revenue generation, provision of intutional projects for the faculty and implementation of technology transfer policies.
- ❖ Dr. Satya Prakash suggested the addition of value added courses in student curriculum on regular basis, initiation of merit certificates and medals in PG and Ph.D programme, induction of students based evaluation of teachers and establishment of nursery of ornamental/precious plants in University.

**Based on the discussion following recommendations were made.**

1. University research programme should also focus on locally viable crops. Emphasis should be on industry demanding crops like high oleic acid groundnut varieties, high amylase and amylo-pectin maize and rice varieties, sweet potato etc.

**(Action: DES/Dean, CoA / Head, Genetics & Plant Breeding)**

2. Newly released sugarcane variety COS-17321 and locally in demand varieties of various crops should be included in seed production programme.

**(Action: GM Farms / KVK's)**

3. To improve the quality of PG & PhD programmes comprehensive examination should be made external instead of internal. PG and PhD students should be involved in teaching and research activities. Research oriented internship programme for PG & PhD students should be initiated and students should be exposed/trained during internship programme in industry. To develop competitiveness among PG and PhD students possibility of merit certificates/medals should be explored.

**(Action: Dean, PGS)**

4. To strengthen research programme outcome based institutional projects should be funded by the university in the form of seed money. Simultaneously, Joint research projects with industry, Consultancy projects and externally funded projects should be prepared and submitted for funding agencies.

**(Action: DES/ All Dean)**

5. Alumni meet should regularly be organized in the University to get benefits from alumni.

**(Action: Director Training & Placement)**

6. The courses on biostatistics and project writing needs to be revisited to include advance course content relevant to PG and PhD students.

**(Action: Dean, PGS)**

7. For skill development, value added courses, certificate and diploma courses should be developed as per the requirement and timely executed in every semester for the benefit of students and made regular feature of academic calendar of the University.

**(Action: All Dean/ Registrar)**

8. Efforts to increase the perception of the university should be made by creating blogs, facebook, instagram and other multimedia platforms. These must be updated periodically reflecting university activities.

**(Action: OIC, IT)**

9. Establishing nursery of ornamental plants/ precious plants for resource generation and sale to the farmers and local citizens.

**(Action: Dean, Hort.)**

10. To improve revenue generation various paid diploma/ certificate/ value added courses must be designed for the students/ faculty/ farmers/ industries/ other stake holders.

**(Action: Registrar/ All Dean)**

11. Identify and implement best practices for the respective colleges.  
(Action: All Dean)
12. Emphasis on the inter-institutional projects, industry participation in the form of projects or CSR funded schemes, measures to enhance contract research and consultancy.  
(Action: All Dean)
13. Improvement in the existing examination pattern by induction reasoning as well as applied questions in question papers in order to assess the student about applied aspect of the subjects.  
(Action: All Dean)
14. Emphasis on the international projects and MOU'S with foreign institutes for quality teaching and research.  
(Action: All Dean)
15. Weightage for revenue generation by means of externally funded projects/ technology generation and transfer/ contract research/ consultancy in Annual Self Assessment Report.  
(Action: DAM)

The Meeting ended with a vote of thanks to Chairman and members of the IQAC.

  
(Anil Sirohi) 26/9/23  
Coordinator, IQAC

[The above proceedings approved by the Hon'ble Vice-Chancellor and Chairman of IQAC]

It is requested all the concerned officers/scientists to take necessary action according to the proceedings and submit the same to IQAC for further compilation as directed by the Hon'ble Vice-Chancellor and the Chairman of IQAC, SVPUAT, Meerut.

  
(Anil Sirohi) 26/9/23  
Coordinator, IQAC

Copy to:

- 1) All members of the IQAC for information and needful action
- 2) All officers of the University for Information and needful action