

UNIVERSITY GRANTS COMMISSION

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The University Grants Commission constituted a Committee, consisting of the following members, to examine the proposal of ~~Allahabad~~ Agricultural Institute, Allahabad for grant of deemed to be university status :-

1. Prof. M.I. Savadatti,
Member, UGC
Veerabhadra Kripa,
Navodayanagar,
Dharwad - 580 003.
2. Prof. M.V. Pylee,
former Vice-Chancellor,
Cochin University,
7/100, HMT Colony,
Cochin - 663 503
Kerala.
3. Dr. S.L. Mehta,
Deputy Director-General (Education),
Indian Council of Agricultural Research,
Krishi Anusandhan Bhavan, Pusa Road,
New Delhi - 110 012.
4. Dr. D.P. Singh,
Professor & Head of the Deptt. of Agronomy,
Ch. Charan Singh Haryana Agricultural University,
Hisar - 124 004.
5. Dr. L.V. Pingale,
College of Agricultural Engineering,
Mahatma Phule Krishi Vidyapeeth,
Rahuri - 413 722.
Distt. Ahmednagar (Maharashtra).
6. Dr. B.M. Singh,
Dean,
College of Agriculture,
Himachal Pradesh Krishi Vishwavidyalaya,
Palampur - 160 760.
7. Shri Gurcharan Singh,
Deputy Secretary,
UGC, New Delhi.

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The members of the Committee had a briefing session with the Chairperson, UGC, in the Commission's office in Delhi, on 14th May, 1997. In this meeting, the Chairperson laid stress on the following points :-

1. An Institution seeking deemed to be university status must have approximated to the university standards in teaching and research.
2. The Institute should have been following the UGC norms in the appointment of teachers, their salary and pay scales etc.
3. The Institution should have been doing high quality research in its specialised field and engaged in innovative programmes.
4. The Institution should possess financial viability and managerial capacity.
5. Besides physical facilities, the Committee may also examine the bye laws/rules and regulations of the Institution to see whether they conformed to the norms of the UGC.
6. The Committee should make specific recommendations whether it supports the proposal of the Institute for a deemed to be university status or not. In case, the Committee does not find favour to recommend to the Commission granting of deemed to be university status, the grounds on which the proposal is not recommended should be clearly indicated.

The Committee visited the Allahabad Agriculture Institute on 15-16th May, 1997. The Committee had discussions with the Management which included the Chairman of the Board of Directors of the Institute, the Director of the Institute and teachers. The Deans of different faculties made presentations of their activities before the Committee. The Committee also met the students' representatives to elicit their views on the issue of granting of deemed to be university status to the Institute.

The detailed Report of the Committee follows :

INSTITUTION

The Allahabad Agricultural Institute, Allahabad, was established in 1910 as a Department of Agriculture of Allahabad Christian College, Allahabad (now known as Ewing Christian College). The Institute was declared as a separate entity from the College in November, 1918.

In November, 1947, the Institute was brought under an independent Board of Directors which was sponsored as an Ecumenical Body by a number of Churches and Christian Missions called "Board of Directors of the Allahabad Agricultural Institute". The Institute is affiliated to Allahabad University as an associated College of the University.

The Institute is registered under the Societies Registration Act, 1860.

The aims and objects of the Institute are as under :-

AIMS

1. To provide education and learning in areas of Agriculture and Rural Economic Development geared to the promotion, advancement and sharing of scientific knowledge for the cultural and educational development.
2. To serve and work towards improvement and development of rural life both among the Church and her people, and the general population in the rural areas.
3. To prepare young men and women as citizen imbued with the zeal and spirit of service in keeping with the teachings of Lord Jesus Christ.
4. To give effect to the spirit of national and international goodwill and friendship, as well as desires of the peoples of other areas and countries to share their best with each other.

OBJECTIVES

1. To provide instruction and training in areas of study relevant to Agriculture and Rural Economic Development;
2. To provide opportunities for the integration of Formal and Non-Formal learning with practical experience in these fields;
3. To provide research relevant to emerging Agricultural and Rural problems;
4. To conduct programmes of extension work for Agricultural and Rural development;

5. In all of the above, to help young people and old without coercion or compulsion to deepen their commitment to a life of service as exemplified in Jesus Christ by means of presentation of the Gospel through teaching, worship and witness in accordance with Christian belief.

The Institute is spread in an area of 650 acres, which includes administrative buildings, various departments, research fields, auxiliary units, men's hostels, women's hostels and staff residence.

ACADEMIC PROGRAMMES

The Institute offers various teaching, research and extension programmes in the field of Agricultural Sciences and Agricultural Engineering. The various courses offered by the Institute at the undergraduate, post-graduate levels and diploma courses alongwith admission capacity are indicated below :-

I. Undergraduate programmes :

<u>S.No.</u>	<u>Name of the Course</u>	<u>Year of starting the course</u>	<u>Admission Capacity</u>
1.	B.Sc.Agriculture(4 years)	1932	90
2.	B.Tech.Agricultural Engineering (4 Years)	1940	60
3.	B.Sc.Home Economics for women (3 years)	1936	40

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**Masters Programme in Agriculture, Agricultural Engineering,
Animal Science and Dairy Technology :**

1.	M.Sc. Agricultural Extension	(2 years)	1964	10
2.	M.Sc. Agronomy	(2 years)	1971	10
3.	M.Sc. Horticulture	(2 years)	1970	10
4.	M.Sc. Plant Pathology	(2 years)	1971	10
5.	M.Sc. Agricultural Biochemistry	(2 years)	1971	10
6.	M.Sc. Agricultural Economics	(2 years)	1970	10
7.	M.Sc. Dairy Technology	(2 years)	1968	10
8.	M.Sc. Animal Science	(2 years)	1970	10
9.	M.Sc. Agricultural Engineering	(2 years)	1964	10
10.	M.Sc. Food Science & Applied Nutrition	(2 years)	1992	10

DIPLOMA COURSES :

1.	Indian Dairy Diploma (Dairy Husbandry)	(2 years)	35
2.	Indian Dairy Diploma (Dairy Technology)	(2 years)	35
3.	Diploma in Agriculture for Rural workers - 6 months to (1 year)		15
4.	Agricultural Extension Management		30
5.	Agri-Business Management		30
6.	Business Administration		30

There are 7 Colleges in the Institute. Under each college,
there are various departments mentioned as under :-

(i) College of Agricultural Engineering and Technology :

1. Department of Farm Machinery and Power Engineering
2. Department of Land-Water-Management Engineering
3. Department of Agricultural Structure and Process Engineering

4. Department of Engineering (Civil, Electrical and Mechanical)
5. Department of Basic Science and Humanities

(ii) College of Agriculture :

1. Department of Agronomy
2. Department of Horticulture
3. Department of Plant Pathology and Nematology
4. Department of Biological Sciences

(iii) College of Rural Development and Financial Management :

1. Department of Extension and Communication
2. Department of Agricultural Economics and Rural Sociology

(iv) College of Animal Science and Dairy Technology :

1. Department of Animal Science
2. Department of Dairy Technology

(v) College of Environmental Sciences :

1. Department of Soil and Environmental Sciences

(vi) College of Home Economics and Women's Development :

1. Department of Food and Nutrition
2. Department of Textiles
3. Department of Home Management
4. Department of Women's and Child Development

(vii) - College of Continuing and Non-Formal Education

The Institute is offering Ph.D. programmes in almost all the subjects. Degrees are awarded by the Allahabad University or some other universities in India that have recognised this Institute. As such, this Institute is a research centre for Agricultural science and Engineering.

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The Government of India (ICAR) has been funding the following projects :-

1. Krishi Vigyan Kendra. A centre for Agricultural Research, formal education and non formal education (Extension Education).
2. Research Project on Farm Implements and Machinery.
3. Utilisation of Animal Energy.

In addition, the Institute has also undertaken a number of research projects sponsored by agencies like the DST, UP Council of Agricultural Research, Ministry of Agriculture, Ministry of Environmental and Forestry etc.

INNOVATIVE PROGRAMMES

The Institute is engaged in various innovative programmes such as the establishment of All India Coordinated Research Project on Farm Implements and Machines, ICAR and Krishi Vigyan Kendra sponsored by ICAR for extension activities of the Institute. Besides extension activities through Krishi Vigyan Kendra, the Institute is conducting Non-formal education programme for Rural Development through its College of Continuing and Non-formal Education. The Centre for Non-formal Education was established in collaboration with various Churches and Government of Japan. The objective of the Institute is to provide instructions and practical training in the areas of study relevant to Agricultural and Rural Economic Development and also to promote research relevant to agriculture and Rural problems.

The Deemed University status will provide academic freedom that will strengthen its specialised programmes of teaching, research and extension, keeping in view the needs of farming community and appropriate technology required for specific region. This will enhance the growth of the Institute particularly in the field of professional Agricultural Education.

Corpus Fund

The Institute has created a Corpus Fund amounting to Rs.30.00 lakhs. The Institute also informed the Committee members that the Presbyterian Church, is holding a deposit in US Dollars in USA, the equivalent of which in Indian Currency comes to Rs.20.00 lakhs. However, the Institute after the visit of the Committee has sent a certificate from the Trustee/Secretary and Attorney General in India of the Presbyterian Church, USA stating the Presbyterian Church is holding an endowment in the name of and on behalf of Allahabad Agricultural Institute, Allahabad, in the amount of US \$ 3,65,000. The Rupees value of this endowment at the current rate of exchange amounts to Indian Rs.1,27,75,000/-. The interest income of this endowment is paid every year to the Allahabad Agricultural Institute through the normal banking channel. The endowment capital is not transferable in India but its interest income only is remitible to the Allahabad Agricultural Institute. A copy of the communication received from the Trustee/Secretary of the Presbyterian Church, is attached (Annexure-I).

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FACULTY

The faculty strength of the Institute consist of 10 Professors, 30 Readers, 45 Lecturers (including 10 Ad-hoc Lecturers) and one demonstrator (Annexure-II).

LIBRARY

The Institute has a Central library in addition to small college library. Due to resource crunch, the Institute has not been able to do modernisation of library. The Institute has also developed a small computer centre which is being made use of by the staff and students.

SPORTS FACILITIES

The Institute encourages students to healthy competition of various sports and athletic meets. The Institute has won a number of tournaments. The Institute has facilities for indoor games like, Table Tennis, Chess etc. and also has a Gymnasium for physical training and exercise.

FINANCES

The finances of the Institute comprised of the State Government grant for the salaries of teachers and non-teaching staff, the fee collected from the students, donations and farm and dairy project income. The grant of the State Government of U.P. for the year 1996-97 is Rs.1,04,12,456. The State Government has agreed that they will continue to support the Institute even if the Institute becomes a deemed university to the extent of present level (Annexure-III). The other income of the

Institute from other sources amount to about 1.2 crore and is likely to increase further from self finance courses and donations. All these resources are adequate to maintain the Institute.

OBSERVATIONS AND RECOMMENDATIONS

A. OBSERVATIONS

1. The Allahabad Agricultural Institute started in 1910 and have been involved in Agricultural education and Rural Development since the inception and now have grown to the level of providing Undergraduate and Postgraduate (including Ph.D. programmes) in the areas of Agriculture, Agricultural Engineering, Animal Husbandry and Dairy Technology and Undergraduate programme in Home Economics and Rural development. In addition, the Institute also has extensive programmes of research and Extension. The Institute has adopted villages nearby for transfer of appropriate technology to villagers. In addition the Institute has also Krishi Vigyan Kendra with mandate of organising training programmes to rural people. Presently the Institute is structured into 7 colleges to centre to its various programmes as under :

1. College of Agricultural Engineering & Technology
2. College of Agriculture
3. College of Rural Development & Financial Management
4. College of Animal Science & Dairy Technology
5. College of Environmental Sciences
6. College of Home Economics & Women's Development
7. College of Nonformal & Continuing Education.

2. The programmes in Agriculture, Agricultural Engineering and Animal Science & Dairy Technology are well organised, well conducted and necessary infrastructure which may not be modern by

present day standards but are adequate enough to impart training to graduates. The Faculty strength in these colleges also is adequate to take care of the programmes at present level of intake. The faculty strength in other colleges is too small to justify these independent Undergraduate/Postgraduate programmes.

3. The College of Rural Development and Financial Management has Department of Economics and Department of Extension which should form a part of College of Agriculture.

4. College of Environmental Sciences has two departments viz. Soil Science and Environmental Science. From the academic soundness, it should be merged with the college of Agriculture.

5. The College of Home Economics does not have adequate Faculty in many areas like Textile, Designing and Clothing, Child Development etc. to undertake Postgraduate/Undergraduate programmes. Presently, they have adequate infrastructure and staff facilities for diploma and certificate courses.

6. In the 3 disciplines, viz. Agriculture, Agricultural Engineering and Technology and Dairy Management, the staff members have many scheme from ICAR, DST, DBT and many of them are carrying out innovative research, various issues of the region. In particular, Agricultural Engineering & technology has to study the development of Farm Machinery for small farmers, development of threshers for wheat and rice, mould bold plough, water conservation, development of tamper proof. Milk delivery system, prolonging shelf life of dairy products and development of new

technology in increased production. The Scientists have also developed new varieties of Guava with colored skin with the aim of capturing export market. Their work in the area of spices, is praiseworthy.

7. In the area of extension and dissemination of the technology, the scientists have been organising Farmers Fair, having close interaction with the farmers for demonstration of their technology. The scientists are seriously involved in working in villages ensuring that the benefit of agrotechnology and other innovations is passed on to farming community. They are also playing an important role in bringing awareness of technology among farm women. Through Krishi Vigyan Kendra, they are training about 500 farmers each year in different aspects of crop management, crop protection, use of farm implements, water conservation and food and hygiene. Despite limited facility, they are doing considerable job in this area.

8. The College of Management has very limited staff and does not justify its existence as a separate college of present.

9. The Institute runs a full fledged hospital with 50 bed facility the service of which are available for staff and students of the college, people of the region, and the staff of the Hospital also participate in research programmes of the Institute in the area of food and management, child health and development, and the Faculty of Biochemistry and Microbiology help hospital in analysing of samples.

10. The Institute has both boys and girls hostels with 500 beds of boys and 190 beds for girls. The girls hostel facilities are better than the boys hostels.

11. The Institute have also extensive farm area for carrying out research work, and seed production. At present, we are told, 3000 quintals of high quality of seeds are being produced that one distributed through various agencies among the farmers of the region.

12. The Institute has a Central Library, in addition to small College libraries. Due to resource crunch, the Institute has not been able to do modernization of library but has sufficient floor area. In acquisition of journals it is at modest level. The library needs considerable strengthening and modernization. The Institute has also developed a small good Computer Centre which is being made use of by the staff and students.

13. The Institute have unique programmes of non-formal education with the support of Churches of Japan and other organisations. The work done in the centre is commendable particularly from the point of view of rural development.

14. The Administration is well organised with adequate space for academic and accounting facilities and general administration. The available floor area is around 6000 sq. ft. In spite of that there is still a need for committee room in this wing. At present the committees use the facilities available in the Home Economics Department and other colleges.

15. There is a canteen and a Guest House in the campus.
16. The Institute has a spacious campus of about 650 acres, wherein all the buildings including those of Director's office and staff residences and enough land for field research work in the Institute is available.
17. Taking into account all these colleges and the uneven distribution of strength and weakness it must be said that they did satisfy the norms of UGC with regard to infrastructure, equipment and quality of the programmes that are being done.
18. The Faculty strength of college consists of 10 Professors, 30 Readers, 45 Lecturers and one Demonstrator. All these people are in the UGC scale and supported by the State Government.
19. There is a post of Demonstrator. This post should be abolished either by upgrading it or by creating a new post in lieu of that.
20. The Faculty expressed that the conditions of service should not be altered to their disadvantage in case the Institute becomes a Deemed University.
21. The finance of the Institute comprised of the State Government grant for the salaries of teachers, the fee collected from the students, donations and farm and dairy products' income. The grant of the State Government for the year 1996-97 is around Rs.104 lakhs. The State Government has issued a letter to this effect and they will continue to support this institute even if

the Institute becomes a Deemed University to the extent of present level. The other income which amounts to about 1.60 crore is likely to be increased further from some self-financing courses and donations. All these resources are adequate to maintain the Institute and UGC norms for fund and maintenance. The Institute is required to keep a corpus of Rs.50 lakhs and is entitled to use only the interest but not the funds. For this purpose the Institute has produced a statement of fixed deposits amounting to Rs.30 lakhs and also a statement to say that a deposit of Rs.20 lakhs is in the USA in Dollars and that the Institute has been using the interest thereof. The Institute desires that this deposit be considered as Rs.50 lakhs. The committee feels that this arrangement would fulfil the requirement of corpus of Rs.50 lakhs as per UGC norms.

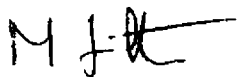
22. The Memorandum of Association to be signed by them was also discussed. The Institute has agreed to sign a Memorandum of Association as per requirement of UGC and if necessary they are agreed to revise its terms as per norms of UGC.

RECOMMENDATIONS:


1. From the observations already made, it is evident that the Allahabad Agricultural Institute satisfies the norms laid down by the U.G.C. to be eligible for Deemed University Status. Therefore, the committee recommends that the Deemed University status be conferred on Allahabad Agricultural Institute after getting the Memorandum of Association as per UGC guidelines duly approved.

2. The Institute should provide evidence that the endowment amount of Rs. 20 lakhs in USA is in the name of Institute and approved by RBI. Alternatively Institute should raise fixed deposits from Rs. 30 lakhs as at present to Rs. 50 lakhs as per the requirement.

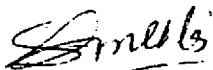
We are grateful to the Chairman, Director and other Faculty members of the Institute for the cooperation extended to us.



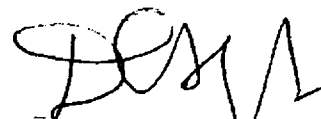
1. Prof. M.I. Savadatti



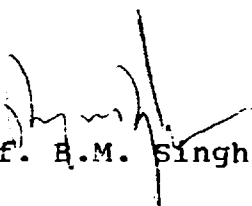
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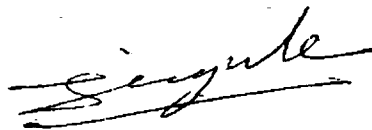
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7. Gurcharan Singh