

STATUS PAPER ON COMPUTER APPLICATION IN THE KERALA AGRICULTURAL UNIVERSITY

1. Introduction:

The computer use in the University started in the year 1985 when eight 8086 machines were installed, 5 at the headquarters, one each at the College of Agriculture, Vellayani, College of Veterinary and Animal Sciences, Mannuthy, Regional Agricultural Research Station, Pilicode. The software in use at that time were Fortran, Cobol, Basic, Pascal, WordStar and dBase II. The main jobs undertaken were statistical analysis in Basic and Fortran, word processing and data base management. Most of the programs required for statistical analysis in agricultural research were developed.

2. Status of Hardware and Software

2.1 Headquarters

The present system consists of a LAN (Novel ELS Network) with one file server and 7 nodes. These nodes are situated in the various rooms of the officers. The details are given in Appendix I.

The software purchased are Novel ELS Network version 2.15, DOS version 4.01, WordStar version 5.5, Softek Cobol, dBase III+, Turbo Pascal version 6.0, Turbo C version 2.0, Lotus 1-2-3 version 3.1, GWBASIC, MSTATC (for statistical analysis) and SCRIPT (a bilingual desktop publishing software).

2.2 Off campus stations

Computers have been installed in six colleges and seven research stations. They include 18 PC/ATs, 9 PC/XTs, 13 PCs and 20 printers. The details are given in the Appendix II.

Most of the software in use at Headquarters is also available at these stations. In addition AUTOCAD is installed at RARS, Pilicode and KCEAT, Tavanur. DSSAT (Decision Support System for Agrotechnology Transfer) is installed at the College of Horticulture. SCO XENIX operating system has been installed at NARP(SR), Vellayani.

3. Present work

3.1 Headquarters

3.1.1 Monitoring and evaluation of research projects.

a) AGRIS (Agricultural Research Information System)

A package, namely, AGRIS has been developed for research monitoring with details such as title, ref.no., station, discipline, funding agency, period, name of principal investigator and summary reports of the various research projects. The required information is extracted by means of

menus. Guidelines for the preparation of projects, evaluation of projects and other details are given in appendix III.

b) XPRO (for externally aided projects)

The XPRO Program developed will store and retrieve financial information about the projects which are funded externally by agencies like ICAR, DST etc.

3.1.2. Manpower planning.

a) SIS (Staff Information System)

A package SIS has been developed for retrieving information about the personal details of scientists. Information on name, designation, discipline, present station, no. of years worked in a particular station, date of birth etc. can easily be obtained by means of menus. Details are given in Appendix IV.

A more elaborate data base on personal information is under preparation. A sample proforma for data collection is given in Appendix V.

b) OAP (Officers' Appointment Programme)

The day-to-day engagements of a scientist must be known to the fellow scientists so that each one can plan his programmes without clash or waste of time. For this, the OAP package has been developed which stores and retrieves information on engagements, leave, tour programme etc.

3.1.3 Programme Budgeting.

Under this system, all the items of expenditure and receipts are codified on functional basis. Each Station/Unit is given a code, each function i.e., Education, Research etc., is having a code besides project-wise code and code for detailed head. The first code is station code, the second code denotes major head of account, the third code denotes the minor head of account and the fourth code denotes detailed head of account. (See Appendix VI for more details).

The main program in this is the XPMS (see below) package for monitoring expenditure. There are programmes for release of funds and for calculation of provident fund and pension.

Provident fund accounts used to be kept in the University manually. With computerisation most of the arrears in accounting have been cleared and the accounting procedures have been streamlined.

XPMS (Expenditure Monitoring System)

Monthly expenditure is collected on each project from



the Station Heads where the project is implemented and fed to the computer. The expenditure made so far and the unspent amount are easily available. In this package, features that are essential for keeping accounts have been incorporated. Details are given in Appendix VII.

At present only financial monitoring is done. Physical progress will be incorporated soon.

3.1.4. Resource management.

The resources of Kerala Agricultural University are spread over the entire State. We have started collecting data on the inventory of farms. The data collected include different types of farm area, area and production of crops, meteorological data, soil data, irrigation facilities, equipment, experiments, salient results, staff details and livestock particulars. At present the data are stored in text files. This data will be transferred shortly to dBase or similar files for quick retrieval.

3.2 Off campus stations

Computers are mainly used for statistical analysis, preparation of various reports, documentation, slide preparation, drawing charts and diagrams and training staff and students.

At the College of Horticulture, a number of programs have been developed to compute potential evapotranspiration, water balance, markov chain model, climatic drought and floods. The computer is also being used for evaluating the IBSNAT rice model under Kerala conditions.

At the College of Forestry, a package is developed for the identification of the indigenous species of the Kerala forests.

At College of Veterinary and Animal Sciences, a package is developed to process academic matters. All reports and certificates are produced by this package right from the start of the admission till completion of the course.

At KCAET, Tavanur, computers are used for computer aided design using AUTOCAD.

At College of Agriculture, Vellayani, a package has been developed for management of question bank. This can merge question papers set by different authors. Questions can be selected from this bank with answers.

Centre for Informatics Research & Advancement (CIRA) and Electronics Research & Development Centre (ER & DC) developed an expert system in agriculture (AGREX) in collaboration with College of Agriculture. This contains packages for crop protection, fertilizer recommendation, irrigation scheduling and diagnosis of diseases in rice.

A data base, giving the characteristics of different mango varieties in South India has been constructed at NARP, southern region, Vellayani. A program for identifying the varieties, given the characteristics, is under preparation. The GPF/LIC recovery schedule and other salary particulars are being prepared by using a program called SALARY developed in the region.

3.3 Future need

It is necessary to have a networking of the regional stations with substations and also with the University headquarters for effectively monitoring research, financial and administrative matters. A net working with ICAR and other regional stations in the country will be beneficial.

Appendix I

The hardware installed at the headquarters

1. One 80386 CPU with 4MB RAM, 1x1.2 MB FDD, 1x1.44 FDD, 1x160 MB HDD. This serves as the file server of the LAN system.
2. Seven machines with 8088 CPU, 640 KB RAM and 1x360 KB FDD. These serve as the nodes of the LAN system. The machines have been installed at the chambers of the various officers.
3. One 80286 machine with 1MB RAM, 1x1.2 MB FDD, 1x60MB CTD, 1x40 MB HDD and a color monitor.
4. One A3/A4 plotter with 8 pins.
5. Two 132 column DMP serving as the net work printer.
6. Seven 80 column DMP serving as local printers to the nodes.
7. One 80386 CPU with 2 MB RAM, 1x1.2 MB FDD and 1x30 MB HDD
8. One Laserjet Printer (HP IIIP)

Appendix II

Hardware at Colleges/Stations

Institution	PC/AT (No.)	PC/XT (NO.)	PC (No.)	Printer (No.)
College of Horticulture, Vellanikkara	4	1	2	4
College of Forestry, Vellanikkara	1	2	0	1
College of Veterinary & Animal Sciences, Mannuthy	2	0	0	1
College of co- operation & Banking, Mannuthy	1	1	2	2
College of Fisheries, Panangad	1	0	1	1
Kelappaji College of Agrl. Engg. & Techno- logy, Tavanur	2	2	0	1
RARS, Ambalavayal	1	0	0	1
RARS, Kumarakom	1	0	2	1
NARP(SR), Vellayani	2	1	5	3*
RARS, Pilicode	2	0	0	2
RARS, Pattambi	1	0	1	1
Agrl. Electronics Pro- ject, Vellanikkara (now in comptroller's office).	0	1	0	1
AICRP on Agrl. Drai- nage, Karumadi	0	1	0	1
Total	18	9	13	20

* one Laserjet printer.

Appendix III

GUIDELINES FOR THE PREPARATION AND APPROVAL OF NEW RESEARCH PROJECTS

Station/Department projects

1. The project proposals should be prepared in the proforma I as approved by the Faculty Research Committee (FRC).
2. The new proposals should, as far as possible, fit in the thrust areas identified from time to time/projects already approved by the FRC for implementation during the eighth five year plan.
3. All items in the proforma should be filled up in detail.
4. The objectives should indicate the aim/purpose of proposed research programme. It should not be a summary of the different parts of the technical programme.
5. The review of the literature should cover the relevant work reported from within and outside India, with emphasis on the work done in Kerala and particularly in Kerala Agricultural University. The review should be adequate to bring over the lacuna in the available information in the proposed area of research and thus to justify the proposed research programme.
6. Technical programme should have a time frame. Programme expected to be covered in each half year (April to September and December to March), commencing from the period of start, should be shown separately. The programme should be adequate to achieve the objectives given in the proposal. Programme should specify the design, treatments and replications in the experiments and also the observations to be recorded.
7. Twenty copies of each research proposal, prepared as per above guidelines, should be sent to the Project co-ordinators through the Heads of Department/Stations, duly recommended, for securing the sanction of the University. The projects can be sent at any time and it will be considered at the ensuing meetings of Project Co-ordination (PC) groups and FRC.
8. The project co-ordinators will scrutinise the projects and ensure that they conform to the guidelines. Defective proposals may be returned to the concerned scientist by the co-ordinator for revision.
9. The proposals approved by the co-ordinators may be placed before the co-ordination group. The PC group may critically examine each project and may approve the same, if they are sound in all respects. Changes suggested may be got done by the principal investigators. Prior to the approval of the project, the co-ordinators or the PC groups may consult expert scientists, if felt necessary. Each project should be provided with an evaluation (facing) sheet in proforma III by P. C. group.
10. The projects cleared by the PC Group should be forwarded to the Professor (RC) for scrutiny and for placing the same for the consideration of the FRC.
11. Professor (RC) will place the project proposals, if sound, along with the recommendations of the Head of Department/Station and the PC group, in the ensuing FRC meeting.
12. The projects when approved by FRC should be sent to the Director of Research in triplicate by the Professor (RC) for the issuance of administrative sanction. Copies should be made available by the concerned scientist. The Director of Research will issue administrative sanction for implementing the projects and return one copy each of the approved project to the Professor (RC) and the concerned project co-ordinator for proper filing. The administrative sanction will be communicated to the scientists concerned/heads of stations/departments/academic wing/administrative wing etc. The co-ordinator will fix the principal investigator/head of department/academic wing/administrative wing etc.

Post graduate projects

1. The post graduate students should prepare the research projects in proforma II following the guidelines given in para 2 to 6 above and also as per P.G. regulations. The supervising teacher and the advisory committee should scrutinise the projects following procedures similar to those laid down in para 8 and 9 relating to station/college projects. The projects cleared by the advisory committee should be routed through the heads of departments, the Dean/Associate Dean of the concerned colleges. For each project/experiment the major advisor will provide a facing sheet in proforma III for consideration of F.R.C. Dean/Associate Dean will arrange to make available sixty copies of each project to the Professor (RC) for the consideration of the FRC.
2. M.Sc.(Ag) projects when approved by FRC may be revised/modified as per suggestions of FRC, if any, and three copies of each should be sent to Professor (RC) who will forward the same to Director of Research after ensuring that alterations suggested by FRC have been made. After according administrative sanctions one copy each of the project/experiment should be sent to the Professor (RC) and the concerned Co-ordinator for filing. The administrative sanctions will be communicated to the student/major adviser/heads of departments/ institutions/academic wing/administrative wing etc. The co-ordinators will fix up code numbers for each project/experiment and intimate the same to

the student, major adviser, heads of departments, Professor (RC) and Director of Research.

3. In the case of Ph.D projects 65 copies of the revised project will be sent to Professor (RC) through the Dean/Assoc. Dean and the same will be sent to the Director of Research, after scrutiny corrections, for onward transmission to Registrar for the consideration of the Academic Council. After approval of the project by the Academic Council the administrative sanction for the implementation of the project will be accorded by the Director of Research and one copy each of the project will be sent to the Professor (RC) and concerned co-ordinators by the Director of Research. The administrative sanction will be communicated to the student/major adviser/head of department/head of institution/academic wing/administrative wing etc. The co-ordinators will allot the code numbers and intimate the same to the student, major adviser, head of department/sta-

tion/ academic wing, administrative wing etc.

EVALUATION OF RESEARCH

1. The project leaders/students will submit a half yearly report and an annual report in Proforma IV to the head of station/department by 30th November and 30th May respectively. On completion of the project a final report will be sent in proforma V. These will be reviewed by co-ordination groups and FRC in the ensuing meetings, following the norms prescribed in proforma VI.
2. The project co-ordinators and Professor (RC) will maintain registers showing details of the receipts of projects/experiments and the actions taken on the projects/experiments from time to time.
3. They will also maintain individual project file in which the periodic evaluation reports of the projects done by PC group and FRC will be also be filed.

CATALOGUING OF THE RESEARCH PROJECTS (AGRICULTURE)

Abbreviations of Co-ordination groups

01. Rice and rice based cropping system	RIC
02. Coconut and coconut based cropping system	COC
03. Vegetable crops	VEG
04. Fruits and floriculture	FF
05. Spices	SPC
06. Commercial crops	CC
07. Pulses and oil seeds	POS
08. Tuber crops	TUB
09. Forage crops	FC
10. Aromatic and medicinal plants	AMP
11. Soils and agronomy	SSA
12. Plant protection	PP
13. Biotechnology	BT
14. Post harvest technology	PHT
15. Technology transfer and rural development	TOT
16. Beneficial micro-organisms and productive insects	BMT
17. Integrated farming system	IFS
18. Agro-meteorology and remote sensing	MET
19. Agro-forestry	AF
20. Agriculture in rain shadow region	ARS
21. Agriculture in high ranges	AHR
22. Basic research	BR

Locations of research in Agricultural University and abbreviations

1. Balaramapuram	BAL
2. Karamana	KAR
3. College of Agriculture	ACV
4. Kottarakkara	KTR
5. Kayamkulam	KYM

6.	Thiruvalla	TLA
7.	Moncompu	MON
8.	Karumady	KDY
9.	Kumarakom	KUM
10.	Vyttila	VTL
11.	Odakkali	ODL
12.	Pampadumpara	PMP
13.	Chalakkudy	CLY
14.	Mannuthy (Research Station)	MNY
15.	Directorate of Extension	MNY (DE)
16.	C&B College	MNY (C&B)
17.	Vellanikkara	VKA
18.	College of forestry, Vellanikkara	VKA (F)
19.	Madakkathara	MDA
20.	Kannara	KNR
21.	Pattambi	PTB
22.	Anakkayam	AKM
23.	Thavanur	TNR
24.	Ozhalapathy	OZY
25.	Eruthiampathy	EPY
26.	Thiruvazhamkunnu	TZK
27.	Pilicode	PIL
28.	Panniyur	PNR
29.	Ambalavayal	AMB
30.	Nileswar	NLR

31. Disciplines

Agronomy	(1)
Botany	(2)
Chemistry	(3)
Agri.Entomology	(4)
Plant Pathology	(5)
Extension	(6)
Statistics	(7)
Ag.Economics	(8)
Plant Breeding	(9)
Horticulture	(10)
Home Science	(11)
Animal Husbandry	(12)
Agri.Engineering	(13)
Olericulture	(14)
Pomology	(15)
Plantation crops	(16)
Post Harvest Technology	(17)
Inter diciplinary	(18)
Biotechnology	(19)
Meteorology	(20)

SYSTEM OF CODIFYING THE EXPERIMENTS

Experiment - RIC/01-OO-01-90/ACV(1)/KAU/PG

(a) (b) (c) (d) (e) (f) (g) (h) (i)

Key for identifying abbreviations used.

- (a) Co-ordination group
- (b) Project number
- (c) Subproject number (OO)- no sub project (01) - first subproject under each project and subprojects should be numbered separately
- (d) Experiment number (experiments under each project and subproject, if available, shall be numbered separately)
- (e) Year of sanction
- (f) Location
- (g) Discipline
- (h) Funding agency
- (i) Post-graduate project

PROFORMA-I

KERALA AGRICULTURAL UNIVERSITY

(Station/department project-proforma revised in the 35th meeting of FRC)

1. Name of faculty
2. Name of research centre
3. Relevant PC Group
4. Project title & No. (To be allotted by PC)
5. Subproject title & No. -do-
6. Experiment code & title -do-
7. Name's and designations of
 - (a) Principal investigator
 - (b) Associates
8. Objective
9. Review of Literature
10. Technical programme & observations
(give a time frame for the work proposed
in phase of six months)
11. Expected date of start
12. Likely date of completion
13. Approximate cost (year-wise)
14. Funding agency
15. Signature of project leader

Place:

Date:

Certified that the project will be
implemented soon after receipt of
administrative sanction
(Signature with date)

PROFORMA-II
KERALA AGRICULTURAL UNIVERSITY

Programme of research work of thesis for M.Sc.(Ag.),Ph.d degree (vide rule 25 of P.G. regulations, 1988)

1. Name of research centre --
2. Title of the project --
3. Relevant thrust area --
4. (a) Title of the departmental/KAU project to which it forms a part
5. Name of
(a) Student
admission number
(b) Major adviser
designation
6. Objective
7. Practical utility
8. Review of important works along with references
9. Technical programme
10. Expected date of start
11. Likely date of completion
12. Approximate cost
13. Additional facilities
14. Funding agency

Place:

Date:

Signature of Student
Signature of Major Advisor

Names addresses and
Signature of the members
of the advisory committee
(signature should be with date)

PROFORMA-III

KERALA AGRICULTURAL UNIVERSITY
(Evaluation of research proposals by PC group)

a.	Relevance to the identified thrust areas	Relevant/not relevant
b.	Objective	Clear/vague
c.	Review/Litarature	Adequate/not adequate
d.	Technical Programme	Relevant to objective/not relevant
e.	Time frame	Sound/needs revision
f.	Observation proposed	Sound/defective
g.	Layour and treatments	Adequate/not adequate
h.	Observations	Sound/defective
i.	Recommendation	Recommended to FRC/not recommended/re- turned for modifications

Signature of Project Co-ordinator

Remarks of FRC

Views of the PC group endorsed
and project approved

or

Rejected/returned on the ground

.....

.....

Place:

Date :

Signature of Professor (RC)

Signature of Director of Research

PROFORMA-IV

KERALA AGRICULTURAL UNIVERSITY
Annual/Half yearly Report

Proforma and guidelines for preparing half yearly and annual reports of the research projects of the University (To be sent to the Co-ordinators/in triplicate)

1. Co-ordination group :
2. Project :
3. Subproject :
4. Experiment No. & Title :
5. Principal Investigator : (a) from To
(b) " "
(c) " "
6. Associates 1. : (a) " "
(b) " "
(c) " "
2. : (a) " "
(b) " "
(c) " "
7. Objective
8. (a) Technical programme in brief including observations required :
(b) Phase to be covered during the period under report :
9. Deviations in the technical programme if any with reasons given in detail :
10. Results
(a) Brief summary of the findings upto the commencement of the period under report.
(b) Results obtained during the period under report.
(c) Summary and conclusions
11. Remarks

Place:
Date :

Signature of
Principal investigator

Signature of
Head of Dept. station

PROFORMA-V

Final reports on Research Projects/Experiments

1. Name of Faculty
2. Name of Research Centre
3. Project
4. Sub-Project
5. Experiment Code No. and title
6. Objective
7. Name and designation of
Principal Investigator/s

1.	From	To
2.	”	”
3.	”	”

Associates

1.	”	”
2.	”	”
3.	”	”

etc
8. Date of start
9. Date of completion
10. Technical programme
11. Deviations made if any with justification
12. Results obtained
13. Summary and conclusions
14. Future line of work
15. Publications
16. Details of field books and basic records
17. Signatures of

Place:

Date:

Principal investigator
Head of department /station

PROFORMA-VI

Proforma for the review of research reports by the PC group (The following points may be covered)

1. Experiment No : :
2. Coverage of technical programme during the period : As per time frame/75% covered/50% covered below 50% not started etc.
3. Deviations from technical programme : Relevant/irrelevant
4. Reasons for deviation : Convincing/not convincing
5. Summary of results obtained previously : Well presented /poorly presented
6. Results obtained during the period of the report : Presented in relation to objective/badly presented
7. Tables : Provided adequately/not satisfactory
8. Inferences/conclusions : Appropriate/not correct
9. Due date for the report : :
10. Date of receipt of the report by the co-ordinator : :
11. Suggestions for improving the implementation of the programme if required (for half yearly/annual reports only) : :
12. Suggestions for future programmes (for final report only) : :

Place :

Project co-ordinator

Date :

(Signature)

One copy of the report along with the comments should be forwarded by Co-ordinators to DR and another copy with comments to the Professor (RC) for placing the same in the FRC meeting. This should be done within one week after the PC group meeting. Using the third copy the project co-ordinators will prepare the annual research reports (projectwise) and forward the same to the Professor (RC) for arranging the printing. It should reach the Professor (RC) not later than 30th July of every year.

AGRIS Version 2.1
(Agricultural Information System)

In the light of these, Kerala Agricultural University developed a software AGRIS - a menu oriented - user friendly software in dBASE to cater to the needs of a Director.

Each experiment is coded as CCC-PP-SS-EE-YY-LLL-DD-FFF-PG where

CCC	- Co-ordination Group	(3 letters)
PP	- Project Number	(2 digits)
SS	- Sub Project Number	(2 digits)
EE	- Experiment Number	(2 digits)
LLL	- Location/Station	(3 letters)
YY	- Year of Start	(2 digits)
DD	- Discipline	(2 digits)
FFF	- Funding Agency	
PG	- PG project or Not	(PG)

Eg: RIC-03-02-10-ACV 1-91-NARP

Features of AGRIS

We may monitor the experiments as follows:

- * All projects
- * Faculty-wise
- * Co-ordination group
- * Zone
- * Station
- * Discipline
- * Funding agency
- * PG Projects
- * Crop/Area
- * Soil Type
- * Farming situation
- * Date of start
- * Expected date of completion
- * Financial outlay
- * Half-yearly report not submitted
- * Annual report not submitted
- * Discontinued projects
- * Concluded projects
- * Investigator
- * Associate (s)
- * Summary of projects

Appendix IV

STAFF INFORMATION SYSTEM

1. Introduction:

Effective monitoring of staff position is required to ensure the proper implementation of all the activities carried out in stations. SIS is a completely menu driven programme which has been developed for the documentation as well as the on-line monitoring of the staff position of all stations.

2. Features:

The system is developed in Foxbase utility, using database files. Entry by the user is reduced to the minimum and instead, wherever possible, the user is allowed to choose the available options by using the cursor movement key. Help level is provided for the selection of codes. Output through CONSOLE as well as PRINTER is possible.

3. FILES

Data are stored in the file MERTE. DBF Codes are used for Station Faculty, Sanctioned Post, Discipline of the post, designation of the incumbent, Discipline of the incumbent, Scheme & Funding Agency. Name, date of birth, date of promotion, date of joining the present station, identification number and remarks are the other fields in the data base.

4 PROCESSING DATA:

The following options are provided:

4.1 Full listing:

4.2 Station-wise:

4.3 Scheme-wise:

4.4 Sanctioned post-wise

4.5 Discipline of the post-wise

4.6 Working in the station for the last 'N' years

4.7 Retiring on a given date

4.8 Details of an individual

4.1 Full listing:

With this, the whole data of KAU will be displayed or printed.

4.2 Station wise:

The user will be able to get the details for selected stations and the code numbers of those are to be given when asked one after the other. After selecting stations, another menu will appear on the screen and the user can select from that submenu the details of staff in a particular scheme, sanctioned post, discipline of the post, persons working there for the last 'N' years, and those retiring on a given date etc.

As given in 4.2 all other options have submenus and can be operated on the same way.

SIS provides for DATA ENTRY and MODIFICATION of data that have already been entered. In every three months, data are to be edited for which Station Heads are expected to give the correct information to the centre. Provision is also given in the program to send reminders to the defaulters.

Appendix V

KERALA AGRICULTURAL UNIVERSITY

PERSONAL INFORMATION SYSTEM (Teaching Staff)

(Please read the instructions carefully before filling)

A PERSONAL DETAILS

01. Name

02. Date of birth

Date	Month	Year			
------	-------	------	--	--	--

 03. Sex

M	F
---	---

04. Permanent address

 PIN

--	--	--	--	--	--

 PHONE

--	--	--	--	--	--

05. Whether belong to

1-SC	2-ST	3-OBC	4-Others
------	------	-------	----------

 Specify Community if belong to 1, 2 or 3

06. Whether married

Yes	No
-----	----

 If yes
 (a) Name of spouse

 (b) Employed

Yes	No
-----	----

 If yes

1-KAU	2-State	3-Central	4-Others
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 If in KAU Service

 (a) Designation (code)

--	--	--

 (b) Station (code)

--	--	--

07. Whether entered into an inter caste marriage

Yes	No
-----	----

 If yes, whether one of the partner belongs to

1-SC	2-ST	3-OBC
------	------	-------

08. Whether physically handicapped
 (Only if eligible for conveyance allowance)

Yes	No
-----	----

18. Name of the preferred stations for transfer (Code) (i)

--	--	--

(ii)

--	--	--

19. Details of service in KAU (and in State for transferred employees)

Sl. No.	Station	Designation	Period	
			From	To

20. Date of despatch of the performance appraisal report (Self appraisal)

--	--	--	--	--	--	--

21. Date of despatch of property statement

--	--	--	--	--	--	--

22. Details about availing Loan/advance facilities from the University

Yes	No
-----	----

If Yes, Specify Type.

1.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

paid	due
------	-----

2.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

paid	due
------	-----

3.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

paid	due
------	-----

4.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

paid	due
------	-----

C ACADEMIC DETAILS

01. Faculty (Code) 02. Discipline (Code)

03. Whether Head of the Discipline of University Yes No

04. Qualification

	Name of degree	Specialisation	University	Year of passing
Bachelors				
Masters				
Ph.D.				
Post Doct.				
Any other (specify)				

05. If any of the above qualification is acquired while in service, give details

Name of degree	Date of acquirement	Nature of leave/ deputation	Period		Institution
			From	to	

06. No. of publications

Books	Research papers	Others
National		
International		

07. No. of students guided

(a) M.Sc.

(b) Ph.D.

08. No. of projects (excluding P.G. Projects) handled as

(a) P.I.

(b) Associate

09. Summer Institutes/trainings attended

Sl.No.	Course	Duration	Year	Institute

10. International Seminars attended

Title of the Seminar	Title of the paper presented if any	Date		Place
		From	To	

11. Special Assignments/Consultancy taken, if any

	Name of Institute/ Organisation	Location	Period		Purpose/ Achievements
			From	To	
(a) Within India					
(b) Outside India					

12. Major Contributions/Accomplishments

13. Honours, scientific awards, memberships etc

14. Proficiency in Language
(Write E for excellent, G for good and F for fair)

Language	Read	Write	Speak

15. Remarks.

I swear that all information furnished above are true to the best of my knowledge and belief. I am aware that in the event of any intentional false entry being discovered, I am liable to be acted against.

Place :

Date :

Signature :