

**INTERNAL QUALITY ASSURANCE CELL,
DR. PANJABRAO DESHMUKH KRISHI VIDYAPEETH, AKOLA.**

CIRCULAR

No.COORDINATION / IQAC/2015

Dated the 28th October, 2015.

All the Teachers working in the University are requested to submit their proposals for annual API scores through the respective committees constituted vide University order No.BBA/IQAC/2015 dated 15th June, 2015 to the Coordinator, Internal Quality Assurance Cell (IQAC), Dr. PDKV, Akola in the enclosed proformae along with self attested copies of verifiable documents / records for verification.

The incumbents should submit their proposal as per following instructions.

1. The proposal should be submitted strictly in the enclosed proformas. The proposal should be submitted for every year separately e.g. 2009-10 (Cat. I, II & III), 2010-11 (Cat. I, II & III), onward along with summery sheet for all the three categories at the beginning of the proposal and **only category III for entire period prior to 1st July 2009.**
2. No variation should be made in the proforma at their own level.
3. The proposal should be submitted for every academic year starting with 1st July to 30th June. The incumbents will have to submit the proposal for preceding academic year before the 31st July of current academic year (viz. the proposal for 2015-16 should be submitted before 31st July, 2016 and so on and so forth).
4. The API system is applicable w.e.f. 1st July, 2009.
5. The incumbent should first arrange the documents chronologically within each sub group and Category. The proposal should be submitted with due indexing, paging, with separators and in hard bound copy. The committee will not be responsible for misplacement of loose papers in the proposals.
6. It will be the responsibility of the incumbent to submit the proposal in proper format and in time so that it will be scrutinized by the respective scrutiny committees.
7. The dates of academic year should be adhered to very strictly considering Sr.No. 1 & 3 above.
8. Proper precautions should be taken while attaching single certificate for same activity sought for more than one year, then that certificate should be enclosed in respective yearwise proposal highlighting the year.
9. Only the certificates issued by the respective competent authority will be considered for assessment. Self certified documents will not be considered.

10. In case of research publications / books / chapters / conference papers/ online publications etc., cover page of the respective publications should also be enclosed along with reprints to verify ISSN / ISBN Nos.
11. For claiming the marks in respect of courses taught and student guided and other teaching activities, etc. the certificate issued by the respective competent authority or relevant evidence will be considered.
12. For claiming the marks in respect of research related activities like recommendations, variety released, patents, project handled etc. the certificate issued by the respective competent authority or relevant evidence will be considered.
13. For claiming the marks in respect of extension related activities like kisanmela, farmersfield visit, Diagnostic field visit, etc. the certificate issued by the respective competent authority or relevant evidence will be considered.
14. Relevant proformae are enclosed herewith (Six)

The above circular is issued with the approval of the Vice-Chancellor & Chairman of Internal Quality Assurance Cell, Dr.PDKV, Akola.

Sd/-
Registrar &
Secretary, Internal Quality Assurance Cell
Dr.P.D.K.V., Akola.

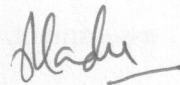
Copy to the Coordinator, Internal Quality Assurance Cell (IQAC), Educational Technology Museum, Dr.P.D.K.V., Akola for information pl.

Copy f.w.cs for information and necessary action to :

1. The Dean, Faculty of Agriculture / Agril.Engg., Dr.PDKV, Akola.
2. The Director of Research / Extn. Education, Dr.PDKV, Akola.
3. The Assoc. Dean (All) _____.
4. The Head, of Department, Dr.PDKV, Akola (All) _____.
5. The Univ. Engineer / Univ. Librarian / Comptroller, Dr.PDKV, Akola.
6. The SRS (All) _____, Dr.PDKV, Akola.
7. The O/I, AICRP (All) _____.
8. The Assoc. Director, ZARS, Sindewahi / Yavatmal.
9. The O/I, ARS / NARP (All) _____.
10. The Principal, ATS (All) _____.
11. _____.

Copy to :

1. The Deputy Registrar (Acad.) / (GAD), Dr.PDKV, Akola.
2. The P.A. to Hon'ble Vice-Chancellor / Registrar, Dr.PDKV, Akola.
3. The Pay & Accounts Officer, Dr.PDKV, Akola / Nagpur.
4. The Assistant Registrar / Assistant Comptroller (All) _____.
5. 'All' Unit of Estt. Division.


Registrar,
Dr.P.D.K.V., Akola.

APPENDIX – II
API Scores Category - I , Summary

Table 1 : API scores for Teaching (a), Research (b) and Extension Activities (c)

Name of incumbent:.....

Designation:.....

Sr. No.	Name of the activity	Max ^m Score	2009 -10	2010 -11	2011 -12	2012 -13	2013 -14	2014 -15
1	a) Lectures, seminars, tutorials, practicals, contact hours undertaken as percentage of lectures allocated. 3 points per contact hour OR	50						
	b) Initiation, formulation and execution of research projects/experiments which are duly approved by competent authority. 10 points per project OR	50						
	c) Extension activities organized for the dissemination of technologies such as demonstration, trainings, group meetings, lectures, farmer's rallies. 10 point per activity.	50						
2	a) Lectures or other teaching duties in excess of the UGC norms (2 points for each extra contact hour) OR	10						
	b) Assistance in the research project OR	10						
	c) Innovative extension work carried out (FFS, FSF, ICT based modules)	10						
3	a) Preparation and imparting knowledge/instruction as per curriculum; syllabus enrichment by providing additional resources to students OR	20						
	b) Patent/ recommendation/variety release/ development of implements or machinery / product development/ feed /gear / craft /technology OR	20						
	c) Preparation and imparting of knowledge/instruction to the clientele (preparation of notes, handouts, publications for used of farmers/extension workers)	20						
4	a) Use of participatory and innovative teaching-learning methodologies; updating of subject content, course improvement etc. OR	20						
	b) Innovative research work carried out with use of advanced technology or equipments OR	20						
	c) Use of innovative extension teaching methodologies (ICTs and Audio-visual aids)	20						
5	a) Examination duties (Invigilation; question paper setting, evaluation/assessment of answer scripts) as per allotment. OR	25						
	b) Preparation of research reports, attendance in research meetings, presentation of research report OR	25						
	c) Participation in extension programmes as per allotment (trainings, mass media, farmer's rallies, exhibitions, meetings etc.)	25						
TOTAL (1 to 5) maximum limited to 125								

Signature of Incumbent _____

CATEGORY II, Summary

Table 2 : API Scores for Co-curricular, Extension and Professional development related activities

Name of incumbent:..... **Designation:**.....

Sr. No	Name of the activity	Max ^m score	2009 -10	2010 -11	2011 -12	2012 -13	2013 -14	2014 -15
1	Student related co-curricular, extension and field based activities (such as extension work through NSS/NCC and other channels, cultural activities, subject related events, advisement and counseling).	20						
	a) Institutional Co-curricular activities for students such as field studies/educational tours, industry-implant training, Experiential learning and placement activities (5 point each).	10						
	b) Positions held/ Leadership role played in organization linked with Extension Work and Programme officers, National service Scheme (NSS), NCC officer or any other similar activity (each activity 10 points), Participation in NCC, NSS activity – 2 points each.	10						
	c) Students and Staff related Socio cultural and Sports Programmes, campus publications (College level 2 points , university level 5 points).	10						
	d) Community work such as values of National Integration, secularism, democracy, socialism, humanism, peace, scientific temper; flood or drought relief, small family norms etc. (5 points each).	10						
Total (a to d) limited to 20 points								
2	Contribution to Corporate life and management of the department and institution through participation in academic and administrative committees and responsibilities	15						
	a) Contribution to corporate life in Universities/ colleges through meetings popular lectures, subject related events, articles in college magazine and souvenirs (2 points each).	10						
	b) Institutional Governance responsibilities like, Chairman/Vice Chairman/member of student council , Chairman/member/member secretary of Statutory bodies, Rector, College farm incharge, Associate Dean's Representative (ADR), IQAC Co-coordinator (10 points each)Monitor, Instrumentation cell etc- 5 points each.	10						
	c) Participation in committees concerned with any aspect of departmental or institutional management such as admission committee, campus development, library committee, member of various college & university level committees (5 points each).	10						
	d) Responsibility for, or participation in committees for Students welfare, counseling and Discipline (5 each)	10						
	e) Organization of Conference, Training: International (10 points); national/ regional (5 points).	10						
Total (a to e) limited to 15 points								

Sr. No	Name of the activity	Max ^m score	2009 -10	2010 -11	2011 -12	2012 -13	2013 -14	2014 -15
3	Professional Development activities (Such as participation in seminars, conferences, short term, training courses, talks lectures, membership of associations, dissemination and general articles, not covered in Category III below).	15						
i)	Membership in profession related committees at state and national level. a. At national level: 3 points each b. At state level: 2 points each	10						
ii)	Participation in subject associations, conferences, workshops, seminars without paper presentation (Each activity: 1 point).	10						
iii)	Participation in short term training courses less than one week duration in educational technology, curriculum development, professional development, Examination reforms, Institutional governance (Each activity: 5 point).	10						
iv)	Membership/participation in Bodies/Committees on Education and National Development- 5 points each.	10						
v)	Publication of articles in newspapers, magazines or other publications (not covered in category III); TV talks, radio talks etc. (1 point each).	10						
Total (i to v) limited to 15 points								
TOTAL (1 to 3) maximum limited to 50 points								

Signature of Incumbent _____

Summary

CATEGORY III : RESEARCH AND ACADEMIC CONTRIBUTION – Table 3:

Name of incumbent:.....

Designation:.....

S.N.	APIs	Faculties of Agriculture/ Agril. Engg. /Fisheries/ Forestry	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
III (A)	Research papers published in	Referred Journals periodicals having ISBN/ISSN numbers						
		Conference proceedings as full papers, etc. (Abstracts not to be included)						
III (B)	Research publications (books, chapters in books, other than referred journal articles)	Text or reference Books published by International publishers with an established peer review system						
		Subjects books by National level publishers/State and Central Govt. Publications with ISBN/ISSN numbers						
		Subject books by other local publishers with ISBN/ISSN numbers						
		Chapters contributed to edited knowledge based volumes published by International Publishers						
		Chapters in knowledge based volumes by Indian/National level publishers with ISBN/ISSN numbers and with numbers of national and international directories						
III (C)	RESEARCH PROJECTS							
III (C) i	Sponsored Projects carried out/ongoing	(a) Major projects amount mobilized with grants above 30.0 lakhs						
		(b) Major Projects amount mobilized with grants above Rs. 5.0 lakhs up to Rs. 30.00 lakhs						
		(c) Minor projects (amount mobilized with grants above Rs. 50,000 up to Rs. 5 lakh)						
III (C) ii	Consultancy Projects carried out/ongoing	Amount mobilized with minimum of Rs. Fifty thousand only						
III(C)iii	Revolving fund	25% above the target 35% above the target						
III(C)iv	Products testing	Product / chemicals/equipment /machine, etc testing						
III (C) v	Completed projects Quality evaluation	Completed project report (Acceptance from funding agency)						
III (C) vi	Projects Outcome/ outputs	Patent/Technology transfer/product/process/Recommendations						

III (D)	RESEARCH GUIDANCE		2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
III (D) i	M. Phil.	Degree awarded						
ii	M.Sc. /M.Tech.	Degree awarded, Chairman						
iii	M.Sc. /M.Tech.	Degree awarded, Member Advisory Committee						
III (D) iv	Ph.D.	Thesis submitted- Major advisor						
	Ph.D.	Degree awarded- Major Advisor						
	Ph.D.	Degree awarded, Co-major Advisor						
	Ph.D.	Degree awarded, Member Advisory Committee						
III (E)	TRAINING COURSES AND CONFERENCE/SEMINARS /WORKSHOP PAPERS							
III (E) i	Refresher Courses, Methodology Workshops, Training, Teaching-Learning-Evaluation Technology Programmes, Soft skills development programmes, Faculty Development Programmes (Max. 30 points)	(a) Not less than two weeks duration (20 points each) (b) Two week duration (10 points each)						
III (E) ii	Papers in Conferences/ Seminars/ workshops etc*.	Participation and presentation of research papers (oral/poster) in						
		(a) International conference						
		(b) National						
		(c) Regional/ State level						
		(d) Local-University/College level						
III (E) iii	Invited lectures or presentations for conferences/ symposia	(a) International						
		(b) National level						
		GRAND TOTAL of A to E						

* If a paper presented in conference/seminar is published in the form of proceedings, the points would accrue for publication (III (a)) and not under presentation (III e (ii))

Signature of Incumbent _____

APPENDIX-II

API Scores **Category- I**

(2009-2010, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15 only for one year)

Table 1A :API scores for Teaching (a), Research (b) and Extension Activities (c)

Name of incumbent:..... Designation:.....

Sr. No.	Name of the activity	Max ^m Score	Score	Documents Page No.
1	a) Lectures, seminars, tutorials, practicals, contact hours undertaken as percentage of lectures allocated. (3 points per contact hour) OR	50		
	b) Initiation, formulation and execution of research projects/experiments which are duly approved by competent authority. (10 points per project) OR	50		
	c) Extension activities organized for the dissemination of technologies such as demonstration, trainings, group meetings, lectures, farmer's rallies(10 point per activity).	50		
2	a) Lectures or other teaching duties in excess of the UGC norms (2 points for each extra contact hour)OR	10		
	b) Assistance in the research project OR	10		
	c) Innovative extension work carried out (FFS, FSF, ICT based modules)	10		
3	a) Preparation and imparting knowledge/instruction as per curriculum; syllabus enrichment by providing additional resources to students OR	20		
	b) Patent/ recommendation/variety release/ development of implements or machinery / product development/ feed /gear / craft /technology OR	20		
	c) Preparation and imparting of knowledge/instruction to the clientele (preparation of notes, handouts, publications for used of farmers/extension workers)	20		
4	a) Use of participatory and innovative teaching-learning methodologies; updating of subject content, course improvement etc. OR	20		
	b) Innovative research work carried out with use of advanced technology or equipments OR	20		
	c) Use of innovative extension teaching methodologies (ICTs and Audio-visual aids)	20		
5	d) Examination duties (Invigilation; question paper setting, evaluation/assessment of answer scripts) as per allotment. OR	25		
	e) Preparation of research reports, attendance in research meetings, presentation of research report OR	25		
	f) Participation in extension programmes as per allotment (trainings, mass media, farmer's rallies, exhibitions, meetings etc.)	25		
	TOTAL (1 to 5) maximum limited to 125			

Signature of Incumbent _____

CATEGORY II: CO-CURRICULAR, EXTENSION AND PROFESSIONAL DEVELOPMENT RELATED ACTIVITIES

(2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15 only for one year)

Table 2 A :API Scores for Co-curricular, Extension and Professional development related activities

Name of incumbent:..... Designation:.....

Sr. No.	Name of the activity	Max ^m score	Score	Documents Page No.
1	Student related co-curricular, extension and field based activities (such as extension work through NSS/NCC and other channels, cultural activities, subject related events, advisement and counseling)	20		
	e) Institutional Co-curricular activities for students such as field studies/educational tours, industry-implant training, experiential learning and placement activities (5 point each).	10		
	f) Positions held/ Leadership role played in organization linked with Extension Work and Programme officers, National service Scheme (NSS), NCC officer or any other similar activity (each activity 10 points) Participation in NCC, NSS activity (2 points each).	10		
	g) Students and Staff related Socio cultural and Sports Programmes, campus publications (College level 2 points , university level 5 points).	10		
	h) Community work such as values of National Integration, secularism, democracy, socialism, humanism, peace, scientific temper; flood or drought relief, small family norms etc. (5 points each).	10		
Total (a to d) limited to 20 points				
2	Contribution to Corporate life and management of the department and institution through participation in academic and administrative committees and responsibilities	15		
	f) Contribution to corporate life in Universities/ colleges through meetings popular lectures, subject related events, articles in college magazine and souvenirs (2 points each).	10		
	g) Institutional Governance responsibilities like, Chairman/Vice Chairman/member of student council, Chairman/member/member secretary of Statutory bodies, Rector, College farm incharge, Associate Dean's Representative (ADR), IQAC Co-coordinator (10 points each) Monitor, Instrumentation cell etc- 5 points each).	10		
	h) Participation in committees concerned with any aspect of departmental or institutional management such as admission committee, campus development, library committee, member of various college & university level committees (5 points each).	10		
	i) Responsibility for or participation in committees for Students welfare, counseling and Discipline (5 each).	10		
	j) Organization of Conference, Training: International (10 points); national/ regional (5 points).	10		
Total (a to e) limited to 15 points				

Sr. No.	Name of the activity	Max ^m score	Score	Documents Page No.
3	Professional Development activities (Such as participation in seminars, conferences, short term, training courses, talks lectures, membership of associations, dissemination and general articles, not covered in Category III below)	15		
i)	Membership in profession related committees at state and national level c. At national level: 3 points each d. At state level: 2 points each	10		
ii)	Participation in subject associations, conferences, workshops, seminars without paper presentation (Each activity: 1 point).	10		
iii)	Participation in short term training courses less than one week duration in educational technology, curriculum development, professional development, Examination reforms, Institutional governance (Each activity: 5 point).	10		
iv)	Membership/participation in Bodies/Committees on Education and National Development- 5 points each	10		
v)	Publication of articles in newspapers, magazines or other publications (not covered in category III); TV talks, radio talks etc. (1 point each).	10		
Total (i to v) limited to 15 points				
TOTAL (1 to 3) maximum limited to 50 points				

Signature of Incumbent _____

CATEGORY III: RESEARCH AND ACADEMIC CONTRIBUTION

(2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15 only for one year)

Name of incumbent:..... Designation:.....

S.N.	APIs	Faculties of Agriculture/ Agril. Engg. /Fisheries/ Forestry	Max. points for University and college teacher position	Nos.	Score	Documents attached (Page No.)
III (A)	Research papers published in	Referred Journals periodicals having ISBN/ISSN numbers	15/ publication			
		Conference proceedings as full papers, etc. (Abstracts not to be included)	10/ publication			
III (B)	Research publications (books, chapters in books, other than referred journal articles)	Text or reference Books published by International publishers with an established peer review system	50/ each author and 10/chapter in edited books			
		Subjects books by National level publishers/State and Central Govt. Publications with ISBN/ISSN numbers	25/ each author and 5/chapter in edited books			
		Subject books by other local publishers with ISBN/ISSN numbers	15/ each author and 3/chapter in edited books			
		Chapters contributed to edited knowledge based volumes published by International Publishers	10/ Chapter			
		Chapters in knowledge based volumes by Indian/National level publishers with ISBN/ ISSN numbers and with numbers of national and International directories	05/ Chapter			
III (C)	RESEARCH PROJECTS					
III (C) i	Sponsored Projects carried out/ ongoing	(a) Major projects amount mobilized with grants above 30.0 lakhs	20 each project			
		(b) Major Projects amount mobilized with grants above Rs. 5.0 lakhs up to Rs. 30.00 lakhs	15 each project			
		(c) Minor projects (amount mobilized with grants above Rs. 50,000 up to Rs. 5 lakh)	10 each project			
III (C) ii	Consultancy Projects carried out/ ongoing	Amount mobilized with minimum of Rs. Fifty thousand only	10 per every Rs.50 thousand only			
III (C) iii	Revolving fund	25% above the target	5 points			
		35% above the target	10 points			
		5 points for 10% more than the target				

S.N.	APIs	Faculties of Agriculture/ Agril. Engg. /Fisheries/ Forestry		Max. points for University and college teacher position	Nos.	Score	Document attached (Page No.)
III (C) iv	Products testing	Product / chemicals/equipment /machine, etc testing		5 points each			
III (C) v	Completed projects Quality evaluation	Completed project report (Acceptance from funding agency)		20 each major project & 10 each minor project			
III (C) vi	Projects Outcome/ outputs	Patent / Technology transfer / product/ process/ Recommendations	15 each for State level, 30 each national level output or patent, 50 each for International level				
III (D)	Research Guidance						
III (D) i	M. Phil.	Degree awarded		03 each candidate			
ii	M.Sc. /M.Tech.	Degree awarded, Chairman		03 each candidate			
iii	M.Sc. /M.Tech.	Degree awarded, Member Advisory Committee		02 points each candidate			
III (D) iv	Ph.D.	Thesis submitted- Major advisor		07 each candidate			
	Ph.D.	Degree awarded- Major Advisor		03 each candidate			
	Ph.D.	Degree awarded, Co-major Advisor		07 points			
	Ph.D.	Degree awarded, Member Advisory Committee		05 each candidate			
III (E)	TRAINING COURSES AND CONFERENCE/SEMINAR/ WORKSHOP PAPERS						
III (E) i	Refresher Courses, Methodology Workshops, Training, Teaching-Learning- Evaluation Technology Programmes, Soft skills development programmes, Faculty Development programmes		(a) Not less than two weeks duration (b) Two week duration (Max. 30 points)	20 each 10 each			
III (E) ii	Papers in conferences/seminars/ workshops etc*	Participation and presentation of research papers (oral/poster) in a)International conference-10 each b)National-7.5 each c)Regional/State level-5 each d)Local university / College level-3 each					
III (E) iii	Invited lectures or presentations for conferences	(a) International (b) National	10 each 05 each				
Total							

* If a paper presented in conference/seminar is published in the form of proceedings, the points would accrue for publication (III (a)) and not under presentation (III E (ii))

Signature of Incumbent _____

(For reference only)

Appendix III

(Evaluation of candidates for past performance and personal interview)

CATEGORY I - TEACHING (a), RESEARCH (b) AND EXTENSION RELATED ACTIVITIES (c)**Table 1A : API scores for Teaching (a), Research (b) and Extension Activities (c)**

S.N.	Nature of Activity	Criteria	Max Score
1	a) Lectures, seminars, tutorials, practicals, contact hours undertaken as percentage of lectures allocated	Lectures/Practicals/ Tutorials/Contact classes taken should be based on verifiable record. Each contact hours carry 3 points	50
2	a) Lectures or other teaching duties in excess of the UGC norms	If teacher has taken classes exceeding UGC norm, then two point to be assigned for each extra contact hour of classes	10
3	a) Preparation and imparting knowledge/ instruction as per curriculum; syllabus enrichment by providing additional resources to students	Imparting of knowledge/ instruction <i>vis a vis</i> with the prescribed material (Text book, Manual etc) and methodology of the curriculum (100% compliance = 20 points)	20
	a) Use of participatory and innovative teaching-learning methodologies; updating of subject content, course improvement etc.	Updating of Course, design of curriculum (5 points per course)	10
		Preparation of resource material, fresh reading materials, Laboratory manuals etc - 5 points each .	10
		Use of Innovative teaching-learning methodologies; use of ICT; Updated subject a) ICT Based Teaching material: 10 points each b) Interactive Courses: 5 points each c) Participatory Learning modules: 4 points each	10
		Developing and imparting Remedial/Bridge Course and Counselling modules (each activity: 5 points)	10
		Developing and imparting soft skill /communication skill / personality development courses/modules (each activity: 5 points)	10
		Developing and imparting specialized teaching-learning programmes (each activity: 5 points)	10
		Organizing and conduction of popularization programmes / training courses in computer assisted teaching / web based learning and e-library skills to students a) Workshop/Training course: 10points each b) Popularization program: 5 points each	10
5	a) Examination duties (Invigilation; question paper setting. Evaluation/ assessment of answer scripts) as per allotment.	College / University Semester End / Annual Examination work as per duties allotted. (Invigilation - 10 points; Evaluation of answer script - 5 points; Question paper setting - 5 points) (100% compliance = 20 points)	20
		College / University examination / Evaluation responsibilities for internal /continuous assessment work as allotted (100% compliance = 10 points)	10
		Examination work such as coordination, or flying squad duties etc. (maximum of 5 or 10 depending upon intensity of duty) (100% compliance = 10 points)	10
Total score Sum of (1+2+3+4+5) maximum limited to 125			
Minimum API score required			75

Note :- The candidate should fill in only one activity from a/b/c from points sr. no. 1- 5 in Table- 1

Appendix III

CATEGORY I - TEACHING (a), RESEARCH (b) AND EXTENSION RELATED ACTIVITIES (c)

Table 1A : API scores for Teaching (a), Research (b) and Extension Activities (c)

S.N.	Nature of Activity	Criteria	Max Score
1	b) Initiation, formulation and execution of research projects which are duly approved by competent authority	Ten marks per project/experiment as principal investigator	50
2	b) Assistance in research projects	Two marks per project assisted	10
3	b) Patent/ recommendation/ variety release/ development of implements or machinery/ product development/ Feed/ Gear/ craft/ technology	10 marks per patent/ variety release	20
		5 points each for development of implements or machinery/ product development/ Feed/ Technology developed/ recommendation.	
		5 marks per activity those who helped in patents and variety released.	
		2 marks each for those who helped in development of implements or machinery/ product development/ Feed/ Technology developed / recommendation	
4	b) Innovative research work carried out with use of advanced technology or equipments	Per innovative work ten marks (To be judged by Head department/ Head Institute)	20
5	b) Preparation of research reports, attendance in research meetings, presentation of research report	Preparation of research reports, attendance in research meetings, presentation of research report for each activity 2.5 marks	25
Total score Sum of (1+2+3+4+5) maximum limited to 125			
Minimum API score required			75

Note :- The candidate should fill in only one activity from a/b/c from points Sr. no. 1- 5 in Table- 1

Appendix III

(Evaluation of candidates for past performance and personal interview)

CATEGORY I - TEACHING (a), RESEARCH (b) AND EXTENSION RELATED ACTIVITIES (c)**Table 1A : API scores for Teaching (a), Research (b) and Extension Activities (c)**

S.N.	Nature of Activity	Criteria	Max. Score
1	c) Extension activities organized for the dissemination of technologies such as demonstration, trainings , group meetings, lectures, farmer's rallies.	Extension education activities should be based on verifiable records 10 points per activity	50
2	c) Innovative extension work carried out (FFS, FSF, ICT based modules)	<p>If the scientist has organized/carried innovative extension work in addition to the assigned activities then two points should be allotted for each innovative extension work</p> <ul style="list-style-type: none"> • Imparting knowledge/ instructions by developing study materials and methodology for curriculum delivery • Use of innovative extension teaching methods, use of ICT <ul style="list-style-type: none"> ➤ ICT based teaching material ➤ Interactive course ➤ Participatory learning material • Developing and imparting courses/ counselling modules • Developing and imparting soft skills • Organization and conduction of training programmes 	10
3	c) Preparation and imparting of knowledge/instruction to the clientele (preparation of notes, handouts, publications for used of Farmers/ extension workers)	Informative notes, printed handouts , folders, charts, posters, booklets etc. - 2.5 points each	20
4	c) Use of innovative extension teaching methodologies (ICTs and Audio-visual aids)	Development of web based literature, interactive teaching COs, Audio COs, Video Clips, Electronic display boards etc. – 5 points each	20
5	c) Participation in extension programmes as per allotment (trainings, mass media, farmer's rallies, exhibitions, meetings etc.)	Trainings, Mass media, farmer's rallies, exhibitions, meetings etc. - 2 points each	25
Total score Sum of (1+2+3+4+5) maximum limited to 125			
Minimum API score required			75

Note :- The candidate should fill in only one activity from a/b/c from points sr. no. 1- 5 in Table- 1