

Category III (i) : Research, Academic, Extension & Administrative contribution

Table.3 (Academic year-2017-18)

III (A) Research Paper Published

III (A) i. (i) Referred Journal / Periodicals having ISBN/ISSN Numbers

Sr. No.	Authors and Title	Year of Pub.	Name of Pub./ Jour. and NAAS Ratings	ISBN/ISSN No.	Score Secured
International / National Journals					
1.	Effect of feeding different maturity leaves of Mulberry variety V ₁ on Biology of PM × CSR ₂ Silkworm. A.D. Kale, P.K. Nalwandikar, V,K, Bhamare and B.B. Badgire	2017	Trends in BioSciences MSS no 8116 NAAS- 3.94	Print: ISSN 0976 – 2485 Online: ISSN 0974-8431	15
2.	Effect of feeding different maturity leaves of Mulberry variety V ₁ on Economic traits of PM × CSR ₂ Silkworm. P.K. Nalwandikar, V,K, Bhamare, B.B. Badgire and A.D. Kale	2017	Trends in BioSciences MSS no 8117 NAAS- 3.94	Print: ISSN 0976 – 2485 Online: ISSN 0974-8431	15
3	Life History and economic importance of Short– honoured grass hoppers (Orthoptera / Acrididae) D.M. Khande, V,K, Bhamare and B.B. Badgire	2017	Trends in BioSciences MSS no 8118 NAAS- 3.94	Print: ISSN 0976 – 2485 Online: ISSN 0974-8431	15
4	Studies on Physico-Chemical Properties of Sweet Corn Milk lassi Bhalerao S.R., P.V. Padghan, B. Badgire, R.A. Patil	2017	Current Global Reviewer Impact Factor 2.143	ISSN 2319-8648	15
5	Impact Assessment of Farm Pond on Beneficiaries J.M. Deshmukh, V. D. Hayalij, D.D, Suradkar and B.B. Badgire	2017	Int. J. of Current Microbiology and Applied Sciences NAAS- 5.38	ISSN 2319-7706	15
6	An Economic Analysis of Constrains of Soybean-Gram Crop Sequence Grower. R.D. Shelke and B.B. Badgire	2017	Current Global Reviewer Impact Factor 2.143	ISSN 2319-8648	15
7	To Study The Socioeconomic Characteristics of Selected Crop Sequence Growers. R.D. Shelke and B.B. Badgire	2017	Current Global Reviewer Impact Factor 2.143	ISSN 2319-8648	15
Total Score Secured					105

III (A) i. (ii) Conference Proceedings as Full Papers :Nil

III (B) Research Publications (Books , Chapters in Books other than referred journal articles)

III (B) Text Books / Subject Books

Sr. No	Authors & Title	Publisher	Score Secured
i) Text / reference books pub. by International publisher with established peer review system			NIL
ii) Subject Book by pub. National / State/ Central Government publisher with ISBN number:			
			Nil
iii) Subject books pub by other local publishers			Nil

III (C) EXTERNALLY FUNDEND PROJECTS : Nil

III (D) RESEARCH GUIDENCE :

III (D) iii. M.Tch. (Agril Engineering) : Member Advisory Committee

Sr. No	Name of Students	Title of Dissertation / Thesis	Year of Degree Awarded
1	Chate P.P	Design Development and Performance Evaluation of Inclined Plate Bullock Drawn Cotton Planter cum Drill.	2017
2	Kharade U,S,	Development and Evaluation of Tractor Mounted Axial Flow Mist Blower Sprayer for Grape and pomegranate Orchard.	2017
3	Gadekar S.R.	Effect of Plant Growth Regulator on Growth, Yield and Quality of Chilli Variety PBNC-1.	2017
4	Deshmukh R.B.	Effect of Micro Nutrients on Growth, Yield and Quality of Onion.	2017
5	Hyalij V.D.	Impact of Farm Pond on Beneficiaries	2017
Total Score			10

**III (E) TRAINING COURSES AND CONFERENCES / SEMINARS/
WORKSHO/PAPERS**

III (E) I. Trainings Attended

Participated in Refresher courses, Methodology, Workshops, Training, Teaching-Learning-Evaluation Technology Programmes, Soft Skill Development programme, Faculty development programme

Sr. No.	Title of the Course	Duration	Name of organizing Inst.	Sponsored by	Score secured
1	Spatial Decision Support System for Watershed Management	10.01.2017 to 30.01.2017 21 days	College of Agriculture Vijapur,UAS, Darwad	ICAR, New Delhi	20
A) Total Score secured					20

III.E. ii) Papers in Conferences / Seminars/ Workshops, etc.

Participation and presentation of research papers (Oral or Poster) in

b) National Conference/Seminar					
Sr.	Title	Duration	Name of organizing Institute	Sponsored by	Score secured
1	Personality Development	10.03.2017 to 11.03.2017	College of Agriculture, Latur	VNMKV, Parbhani	7.5
c) Regional / state level					
B) Total score secured					07.5

III. E. iii) Lecture delivered as *Resource Person* in Seminars/ Symposium / workshop, refreshers course / training etc.

Sr. No	Subject /Topic	Forum / Place	Date	Reference	Score
1	Machinery Used in Watershed Development	Govt.Polytecnic College, Latur	09.01.2017	No.PLGPL/CE/FD TP/2017/16 Dt.09.01.2017	05
2	Suitability of Agriculture Implement	Collector office Latur	08.02.2017	Cert.No.Nil Dt. 27.02.2017	05
3	Dal Processing Technology & Machines for Entrepreneurship	Krushvi Vigyan Kendra,Tuljapur	19.03.2017	KVK/377/2017 Dt. 12.10.2017	05
4	Broad Bed Furrow Adjustments Repair & Maintenance	Krushvi Vigyan Kendra,Tuljapur	04.05.2017	KVK/378/2017 Dt. 12.10.2017	05
C) Total score secured					20

III. F Teaching experience year wise

Sr. No	Particulars	2017-18	Score secured
1	Teaching as per the prescribed norms	--	--
	Total score secured		00
	Grand Total score secured A+B+C+D+E+F		162.5

ABSTRACT OF API SCORE (CATEGORY III) Ac. year-2017-18

Sr. No.	Indicators / Activities	Score secured
III (A)	RESEARCH PAPER PUBLISHED : A (i.i + ii)	105
III (B)	RESEARCH PUBLICATIONS (BOOKS, CHAPTERS IN BOOKS OTHER THAN REFERRED JOURNAL ARTICLES: B (iii)	Nil
III (C)	EXTERNALLY FUNDEND PROJECTS C (i +ii +vi)	Nil
III (D)	RESEARCH GUIDENCE (iii)	10
III (E)	TRAINING COURSES AND CONFERENCES / SEMINARS/ WORKSHO/PAPERS (B+C+D+E)	47.5
III (F)	TEACHING	--
	Grand total scored	162.5

Table.3 (Academic year-2018-19)

III (A) Research Paper Published

III (A) i. (i) Referred Journal / Periodicals having ISBN/ISSN Numbers

Sr. No.	Authors and Title	Year of Pub.	Name of Pub./ Jour. and NAAS Ratings	ISBN/ISSN No.	Score Secured
International / National Journals					
1.	Studies on Water Requirement and Surface Manure Application for Broccoli Cultivation Prithviraj Patil, Sunil Rathod, Balasaheb Badgire, Ajay deshpande, Chandra Bhan Singh	2018	IJASRM Impact Factor 4.265	ISSN 2455-6378	15
Total Score Secured					15

III (A) i. (ii) Conference Proceedings as Full Papers :Nil

III (B) Research Publications (Books , Chapters in Books other than referred journal articles)

III (B) Text Books / Subject Books

Sr. No	Authors & Title	Publisher	Score Secured
i) Text / reference books pub. by International publisher with established peer review system			NIL
ii) Subject Book by pub. National / State/ Central Government publisher with ISBN number:			
			Nil
iii) Subject books pub by other local publishers			Nil

III (C) EXTERNALLY FUNDEND PROJECTS : Nil

III (D) RESEARCH GUIDENCE : Nil

III (D) iii. M.Tch. (Agril Engineering) : Member Advisory Committee

Sr. No	Name of Students	Title of Dissertation / Thesis	Year of Degree Awarded
Total Score			Nil

**III (E) TRAINING COURSES AND CONFERENCES / SEMINARS/
WORKSHO/PAPERS**

III (E) I. Trainings Attended

Participated in Refresher courses, Methodology, Workshops, Training, Teaching-Learning-Evaluation Technology Programmes, Soft Skill Development programme, Faculty development programme

Sr. No.	Title of the Course	Duration	Name of organizing Inst.	Sponsored by	Score secured
1	Innovation and Emerging Dimension in Educational Technology for the Development of Agriculture Education	02.01.2019 to 22.01.2019 21 days	Dept. of Electrical Engineering, CTAE, MPUAT, Udaipur (Rajasthan)	ICAR, New Delhi	20
A) Total Score secured					20

III.E. ii) Papers in Conferences / Seminars/ Workshops, etc.

Participation and presentation of research papers (Oral or Poster) in

b) National Conference/Seminar					
Sr.	Title	Duration	Name of organizing Institute	Sponsored by	Score secured
1	Short term training on Agribusiness planning & Project Appraisal Technique	03.12.2018 to 08.12.2018 06 days	IIT, Delhi	TEQIP, IIT, Delhi	7.5
2	Conference on Computer Application and use of Recent Techniques in Science	28.12.2018 to 29.12.2018	Savitribai Phule University, Pune and KSKW, College, Nashik	Savitribai Phule University, Pune and KSKW, College, Nashik	7.5
3	Launch-cum-Orientation program of Institutional Development plan	01.01.2019	CTAE, MPUAT, Udaipur (Rajasthan)	NAHEP, ICAR, New Delhi	7.5
c) Regional / state level					
B) Total score secured					22.5

III. E. iii) Lecture delivered as *Resource Person* in Seminars/ Symposium / workshop, refreshers course / training etc.

Sr. No	Subject /Topic	Forum / Place	Date	Reference	Score
C) Total score secured					00

III. F Teaching experience year wise

Sr. No	Particulars	2018-19	Score secured
1	Teaching as per the prescribed norms	--	--
Total score secured			00
Total score secured A+B+C+D+E+F			50

III. G Medals/Awards and Honors

Sr. No	Particulars	2018-19	Score secured
1	Appreciation letter	Accreditation	03
Total score secured			03
Grand Total score secured A+B+C+D+E+F+G			60.5

ABSTRACT OF API SCORE (CATEGORY III) Ac. year-2018-19

Sr. No.	Indicators / Activities	Score secured
III (A)	RESEARCH PAPER PUBLISHED : A (i,i + ii)	15
III (B)	RESEARCH PUBLICATIONS (BOOKS, CHAPTERS IN BOOKS OTHER THAN REFERRED JOURNAL ARTICLES: B (iii)	Nil
III (C)	EXTERNALLY FUNDEND PROJECTS C (i +ii +vi)	Nil
III (D)	RESEARCH GUIDENCE (iii)	--
III (E)	TRAINING COURSES AND CONFERENCES / SEMINARS/ WORKSHO/PAPERS (B+C+D+E+F+G)	45.5
III (F)	TEACHING	--
Grand total scored		60.5

Table.3 (Academic year-2019-20)

III (A) Research Paper Published

III (A) i. (i) Referred Journal / Periodicals having ISBN/ISSN Numbers

Sr. No.	Authors and Title	Year of Pub.	Name of Pub./ Jour. and NAAS Ratings	ISBN/ISSN No.	Score Secured
International / National Journals					
1.	Laboratory performance of Developed Centifugal Blower of Aero Blast Sprayer for High Density plantation Mango Orchard. B.B. Badgire, S.M. Mathur, R.K. Rathod and G.S. Tiwari	2020	Int. J. of Current Microbiology and Applied Sciences NAAS- 5.38	ISSN 2319-7706	15
2.	Determination of Spray and Air Volume Requirement for High Density plantation Mango Orchard. B.B. Badgire, S.M. Mathur, R.K. Rathod and G.S. Tiwari	2020	Int. J. of Current Microbiology and Applied Sciences NAAS- 5.38	ISSN 2319-7706	15
3	Field Performance of Developed Aero Blast Sprayer for High Density plantation Mango Orchard. B.B. Badgire, S.M. Mathur, R.K. Rathod and G.S. Tiwari	2020	Int. J. of Applied Agricultural & Horticultural Sciences NAAS- 4.38	ISSN Print 0974-0775 Online 2582-4198	15
Total Score Secured					45

III (A) i. (ii) Conference Proceedings as Full Papers :Nil

III (B) Research Publications (Books , Chapters in Books other than referred journal articles)

III (B) Text Books / Subject Books

Sr. No	Authors & Title	Publisher	Score Secured
i) Text / reference books pub. by International publisher with established peer review system			NIL
ii) Subject Book by pub. National / State/ Central Government publisher with ISBN number:			
			Nil
iii) Subject books pub by other local publishers			Nil

III (C) EXTERNALLY FUNDEND PROJECTS : Nil

III (D) RESEARCH GUIDENCE : Nil

III (D) iii. M.Tch. (Agril Engineering) : Member Advisory Committee

Sr. No	Name of Students	Title of Dissertation / Thesis	Year of Degree Awarded
Total Score			Nil

III (E) TRAINING COURSES AND CONFERENCES / SEMINARS/ WORKSHO/PAPERS

III (E) I. Trainings Attended

Participated in Refresher courses, Methodology, Workshops, Training, Teaching-Learning-Evaluation Technology Programmes, Soft Skill Development programme, Faculty development programme

Sr. No.	Title of the Course	Duration	Name of organizing Inst.	Sponsored by	Score secured
1	Entrepreneurial Skill Development of Rural Youth through Innovative Approach	04.01.2020 to 24.01.2020 21 days	Dept. of Extension Education and Communication Management CCAS, MPUAT, Udaipur (Rajasthan)	ICAR, New Delhi	20
Total Score secured					20

III.E. ii) Papers in Conferences / Seminars/ Workshops, etc.

Participation and presentation of research papers (Oral or Poster) in

b) National Conference/Seminar					
Sr.	Title	Duration	Name of organizing Institute	Sponsored by	Score secured
c) Regional / state level					
Total score secured					Nil

III. E. iii) Lecture delivered as Resource Person in Seminars/ Symposium / workshop, refreshers course / training etc.

Sr. No	Subject /Topic	Forum / Place	Date	Reference	Score
1	Improved Agriculture Implement and Machinery	Mauli Agriculture Technical School, Umbadga Ta. Ausa Dist. Latur	20.12.2019	168/2019	05
2	In-Situ Moisture Conservation Methods for Crop Production	Mauli Agriculture Technical School, Umbadga Ta. Ausa Dist. Latur	27.03.2020	31/2020	05
Total score secured					10

III. F Teaching experience year wise

Sr. No	Particulars	2019-20	Score secured
1	Teaching as per the prescribed norms	No. GLE/DAE/46/21 Dt. 09.09.2021	15
Total score secured			15
Grand Total score secured A+B+C+D+E+F			

ABSTRACT OF API SCORE (CATEGORY III) Ac. year-2019-20

Sr. No.	Indicators / Activities	Score secured
III (A)	RESEARCH PAPER PUBLISHED : A (i.i + ii)	45
III (B)	RESEARCH PUBLICATIONS (BOOKS, CHAPTERS IN BOOKS OTHER THAN REFERRED JOURNAL ARTICLES: B (iii)	Nil
III (C)	EXTERNALLY FUNDEND PROJECTS C (i +ii +vi)	Nil
III (D)	RESEARCH GUIDENCE (iii)	--
III (E)	TRAINING COURSES AND CONFERENCES / EMINARS/ WORKSHO/PAPERS (B+C+D+E)	30
III (F)	TEACHING	15
Grand total scored		90

Table.3 (Academic year-2020-21)

III (A) Research Paper Published

III (A) i. (i) Referred Journal / Periodicals having ISBN/ISSN Numbers

Sr. No.	Authors and Title	Year of Pub.	Name of Pub./ Jour. and NAAS Ratings	ISBN/ISSN No.	Score Secured
International / National Journals					
1	Physical and Mechanical Properties of Fenugreek (Trigonella foenum-Graceum L.) R.K. Rathod, S.M. Mathur, B.B. Badgire and Mukesh Kumar Singh	2020	Int. J. of Current Microbiology and Applied Sciences NAAS- 5.38	ISSN 2319-7706	15
Total Score Secured					15

III (A) i. (ii) Conference Proceedings as Full Papers :Nil

III (B) Research Publications (Books , Chapters in Books other than referred journal articles)

III (B) Text Books / Subject Books

Sr. No	Authors & Title	Publisher	Score Secured
i) Text / reference books pub. by International publisher with established peer review system			NIL
ii) Subject Book by pub. National / State/ Central Government publisher with ISBN number:			
			Nil
iii) Subject books pub by other local publishers			Nil

III (C) EXTERNALLY FUNDEND PROJECTS : Nil

III (D) RESEARCH GUIDENCE : Nil

III (D) iii. M.Tch. (Agril Engineering) : Member Advisory Committee

Sr. No	Name of Students	Title of Dissertation / Thesis	Year of Degree Awarded
Total Score			Nil

III (E) TRAINING COURSES AND CONFERENCES / SEMINARS/ WORKSHO/PAPERS

III (E) I. Trainings Attended

Participated in Refresher courses, Methodology, Workshops, Training, Teaching-Learning-Evaluation Technology Programmes, Soft Skill Development programme, Faculty development programme

Sr. No.	Title of the Course	Duration	Name of organizing Inst.	Sponsored by	Score secured
1	--	--	--	--	--
Total Score secured					00

III.E. ii) Papers in Conferences / Seminars/ Workshops, etc.

Participation and presentation of research papers (Oral or Poster) in

b) National Conference/Seminar					
Sr.	Title	Duration	Name of organizing Institute	Sponsored by	Score secured
c) Regional / state level					
Total score secured					Nil

III. E. iii) Lecture delivered as *Resource Person* in Seminars/ Symposium / workshop, refreshers course / training etc.

Sr. No	Subject /Topic	Forum / Place	Date	Reference	Score
1	Green House and Post Harvest Technology	Mauli Agriculture Technical School, Umbadga Ta. Ausa Dist. Latur	16.12.2020	182/2020	05
2	Micro Irrigation System	Mauli Agriculture Technical School, Umbadga Ta. Ausa Dist. Latur	29.12.2020	198/2020	05
3	Improved Agriculture Implement & Machinery	Jaykranti Junior College, Latur	11.01.2021	2020-21/17	05
4	Micro Irrigation System	Jaykranti Junior College, Latur	09.02.2021	2020-21/41	05
Total score secured					20

III. F Teaching experience year wise

Sr. No	Particulars	Reference	Score secured
1	Teaching as per the prescribed norms	No. GLE/DAE/49/21 Dt. 09.09.2021	15
Total score secured			15
Total score secured A+B+C+D+E+F			50

III. G Medals/Awards and Honors ----- Nil

III. H Administrative**ii) Additional charge**

Sr. No	Particulars	Reference	Score secured
1	Additional charge Sectional In-Charge Dept. of Agricultural Engineering	GLE/DAE/60/21 Dt.09.09.2021	10
Total score secured			10
Grand Total score secured A+B+C+D+E+F+G+H			60

III. J Infrastructure Development

Sr. No	Particulars	Reference	Score secured
1	Land Development- soil and water conservation, water harvesting structures	GLE/DAE/58/21 Dt.09.09.2021	10
Total score secured			10
Grand Total score secured A+B+C+D+E+F+G+H+J			70

ABSTRACT OF API SCORE (CATEGORY III) Ac. year-2020-21

Sr. No.	Indicators / Activities	Score secured
III (A)	RESEARCH PAPER PUBLISHED : A (i.i + ii)	15
III (B)	RESEARCH PUBLICATIONS (BOOKS, CHAPTERS IN BOOKS OTHER THAN REFERRED JOURNAL ARTICLES: B (iii)	Nil
III (C)	EXTERNALLY FUNDEND PROJECTS C (i +ii +vi)	Nil
III (D)	RESEARCH GUIDENCE (iii)	--
III (E)	TRAINING COURSES AND CONFERENCES /SEMINARS/ WORKSHO/PAPERS/LECTURES AS RESOURCE PERSON	20
III (F)	TEACHING and OTHER F+G+H+J	35
Grand total scored		70

ABSTRACT OF API SCORE CATEGORY- III (Year wise)

Academic Year	2017-18	2018-19	2019-20	2020-21	Total
Year wise API score secured	162.5	60.5	90	70	383
Minimum API score required as per Table 4	40	40	40	40	120
Average Score/ year					95.75