



Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

◆ Approved by AICTE ◆ ISO 21001:2018 Certified

Campus: Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

Phone No. +91 8845 - 350 200; www.klef.ac.in; www.klef.edu.in; www.kluniversity.in

Admin Off: 29-36-38, Museum Road, Governorpet, Vijayawada - 520 002. Ph: +91 - 866 - 3500122, 2576129

Annexure I

KL COLLEGE OF AGRICULTURE Department Academic Committee Meeting

Minutes of the Tenth DAC meeting-KL College of Agriculture held on 21.07.2025 at Room no. 416, SDC block from 10:00 am onwards Reg.,

The following members are present:

1. Dr. P. Ratna Prasad, Director KL College of Agriculture, Chairman, BOS
2. Dr. B. Balakrishna, Faculty Representative, KLEF
3. Dr. J. R. Rajeshwar, Faculty Representative, KLEF
4. Dr. B. V. S. Kiran, Faculty Representative/ cohort I/C, KLEF
5. Dr. M. Nagaraj Kumar, Faculty Representative, KLEF
6. Dr. M. Dolpriya Devi, Faculty Representative/ RPAC Professor I/C, KLEF
7. Dr. M. Gayathri, Faculty Representative/ Academic Professor I/C, Cohort I/C, KLEF
8. Dr. G. Suresh, Faculty Representative, KLEF
9. Dr. Shiva Sai Prasad, Faculty Representative/ OBE Professor I/C, KLEF
10. Dr. V. J. Hima Varsha, Faculty Representative/ TLP I/C, KLEF
11. Dr. M. Ashok Kumar, Faculty Representative/Registrations Professor I/C, KLEF
12. Dr. D. Sravani, Faculty Representative/Counselling Professor I/C, KLEF
13. Dr.N.Prabhavathi, Faculty Representative/Year Coordinator, KLEF
14. Ms. K. Kavya Likhita (2100620100), Student Representative (Alumni)
15. Mr. S. Manohar Reddy (2100620063), Student Representative (Alumni)
16. Ms. D. Sri Navya (2100620070), Student Representative (Alumni)
17. Ms. S. Pujitha, (2100620211), Student Representative (Alumni)
18. Ms. S. V. Megahna (21006200185), Student Representative (Alumni)
19. Ms. G. Geethika Reddy, (2200620015), Student Representative (Final Year)
20. Ms. P. Baby Kavya, (2200620043), Student Representative (Final Year)
21. Ms. B. Naveena (2200620095), Student Representative (Final Year)
22. Mr. A. Mohan Sai (2200620105), Student Representative (Final Year)

Members absent: Nil

WELCOMING ALL THE MEMBERS

At the beginning of the meeting, the DAC chair, Dr. P. Ratna Prasad welcomed the invitees and members to the eleventh DAC meeting of the KL College of Agriculture, KLEF. As per the agenda, the following points were discussed. After that, the DAC reviewed and discussed the following items.


HOD
KL College of Agriculture
KLEF (Deemed to be University)
VADDESWAREM-522 302.



Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd, u/s. 3 of the UGC Act, 1956)

◆ Approved by AICTE ◆ ISO 21001:2018 Certified

Campus: Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

Phone No. +91 8645 - 350 200; www.klef.ac.in; www.klef.edu.in; www.kluniversity.in

Admin Off: 29-36-38, Museum Road, Governorpet, Vijayawada - 520 002. Ph: +91 - 866 - 3500122, 2576129

AGENDA and RESOLUTIONS

AGENDA ITEM-1

To discuss on Finalization of Y25 course structure based on stakeholders feed back

Discussion & Resolution

The committee members entirely discussed and finalized the Y25 course structure of KL College of Agriculture to meet the current and future local, regional, national and global needs for the sustainable agricultural practices.

AGENDA ITEM-2

Syllabus revision in Agronomy and Genetics and Plant Breeding courses of Y25 course structure

Discussion & Resolution

The committee members discussed and opinioned to add few topics in Agronomy, Genetics and Plant Breeding courses to meet the students understanding levels based on stakeholders feedback.

AGENDA ITEM-3

Swapping of 24ENTO231 course with 24AENG251 in 2.1 of Y24 course structure

Discussion & Resolution

The committee members extensively discussed and decided to swap the 24ENTO231 course with 24AENG251 in 2.1 of Y24 course structure based on faculty feedback


HOD

KL College of Agriculture
KLEF (Deemed to be University)
VADESWAREM-522 302.



Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

◆ Approved by AICTE ◆ ISO 21001:2018 Certified

Campus: Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

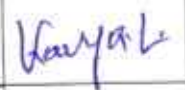
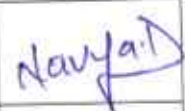
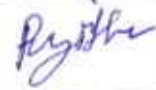
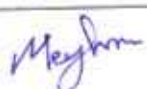
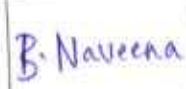
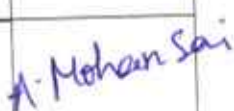
Phone No.: +91 8645 - 350 200; www.klef.ac.in; www.klef.edu.in; www.kluniversity.in

Admin Off: 29-35-38, Museum Road, Governorpet, Vijayawada - 520 002, Ph: +91 - 866 - 3500122, 2576129

DAC committee members attendance sheet:

S.No.	Name of the Member	Designation / Role in Committee	Organization	Email ID	Phone Number	Signature
1.	Dr. P. Ratna Prasad	Chair Person	KLEF	pratanaprasad@kluniversity.in	9849859073	<i>P. Ratna Prasad</i>
2.	Dr. B. Balakrishna	Faculty Representative/Cohort I/C	KLEF	bhalakrishna@kluniversity.in	9989916495	<i>B. Balakrishna</i>
3.	Dr. J. R. Rajeshwar	Faculty Representative	KLEF	jrajeshwar@kluniversity.in	9030765999	<i>J.R. Rajeshwar</i>
4.	Dr. B. V. S. Kiran	Faculty Representative/Cohort I/C	KLEF	bsagalkiran@kluniversity.in	9441837487	<i>B. V. S. Kiran</i>
5.	Dr. M. Nagaraj Kumar	Faculty Representative	KLEF	nagarajkumar@kluniversity.in	9025767261	<i>M. Nagaraj Kumar</i>
6.	Dr. M. Dolpriya Devi	Faculty Representative/ RPAC Professor I/C	KLEF	Dolpriya.ag@kluniversity.in	7005587341	<i>M. Dolpriya Devi</i>
7.	Dr. M. Gayathri	Faculty Representative/ Academic Professor I/C, Cohort I/C	KLEF	gayathrimungara@kluniversity.in	9394681333	<i>M. Gayathri</i>
8.	Dr. G. Suresh	Faculty Representative	KLEF	sureshgali@kluniversity.in	9398717652	<i>G. Suresh</i>
9.	Dr. Shiva Sai Prasad	Faculty Representative/ OBE Professor I/C	KLEF	shivsaiprasad@kluniversity.in	8094358577	<i>S. Sai Prasad</i>
10.	Dr. V. J. Hima Varsha	Faculty Representative/ TLP I/C	KLEF	vjhima varsha@kluniversity.in	6303883279	<i>V. J. Hima Varsha</i>
11.	Dr. M. Ashok Kumar	Faculty Representative/ Registrations Professor I/C	KLEF	drashokkumar@kluniversity.in	9731602250	<i>M. Ashok Kumar</i>
12.	Dr. D. Sravani	Faculty Representative/C	KLEF	dsravani@kluniversity.in	7981801908	<i>D. Sravani</i>

HOD
KL College of Agriculture
KLEF (Deemed to be University)
VADDESWAREM-522 302.

S.No.	Name of the Member	Designation / Role in Committee	Organization	Email ID	Phone Number	Signature
		Counselling Professor I/C				
13.	Dr. N. Prabhavathi	Faculty Representative/Second year Coordinator	KLEF	nprabhavathi@kluuniversity.in	8073241813	
14.	Ms. K. Kavya Likhita (2100620100)	Student Representative (Alumni)	KLEF	2100620100@kluuniversity.in	8143837373	
15.	Mr. S. Manohar Reddy (2100620063)	Student Representative (Alumni)	KLEF	2100620063@kluuniversity.in	9441402559	
16.	Ms. D. Sri Navya (2100620070)	Student Representative (Alumni)	KLEF	2100620070@kluuniversity.in	7893802410	
17.	Ms. S. Pujitha, (2100620211)	Student Representative (Alumni)	KLEF	2100620211@kluuniversity.in	7793992832	
18.	Ms. S. V. Megahna (2100620185)	Student Representative (Alumni)	KLEF	2100620185@kluuniversity.in	9502043443	
19.	Ms. G. Geethika Reddy, (2200620015)	Student Representative (Final Year)	KLEF	2200620015@kluuniversity.in	8328699582	
20.	Ms. P. Rama Charithasri, (2200620081)	Student Representative (Final Year)	KLEF	2200620081@kluuniversity.in	7995661219	
21.	Ms. P. Baby Kavya, (2200620043)	Student Representative (Final Year)	KLEF	2200620043@kluuniversity.in	8919461881	
22.	Ms. B. Naveena (2200620095)	Student Representative (Final Year)	KLEF	2200620095@kluuniversity.in	9381963890	
23.	Mr. A. Mohan Sai (2200620105)	Student Representative (Final Year)	KLEF	2200620105@kluuniversity.in	7989095107	


HOD-AGRICULTURE
HUD
KL College of Agriculture
KLEF (Deemed to be University)
VADESWARAM-522 302.



Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

◆ Approved by AICTE ◆ ISO 21001:2018 Certified

Campus: Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

Phone No. +91 8845 - 350 200; www.klef.ac.in; www.klef.edu.in; www.kluniversity.in

Admin Off: 29-35-38, Museum Road, Governorpet, Vijayawada - 520 002. Ph: +91 - 866 - 3500122, 2576129

KL COLLEGE OF AGRICULTURE

Minutes of the Eleventh BOS meeting-KL College of Agriculture held on 12.08.2025 at Room no. 416, SDC block from 4:20 pm onwards Reg.,

The following members are present:

1. Dr. P. Ratna Prasad, Director KL College of Agriculture, Chairman, BOS
2. Dr. B. Balakrishna, Faculty Representative, KLEF
3. Dr. J. R. Rajeshwar, Faculty Representative, KLEF
4. Dr. B. V. S. Kiran, Faculty Representative/ cohort I/C, KLEF
5. Dr. M. Nagaraj Kumar, Faculty Representative, KLEF
6. Dr. M. Dolpriya Devi, Faculty Representative/ RPAC Professor I/C, KLEF
7. Dr. M. Gayathri, Faculty Representative/ Academic Professor I/C, Cohort I/C, KLEF
8. Dr. G. Suresh, Faculty Representative, KLEF
9. Dr. Shiva Sai Prasad, Faculty Representative/ OBE Professor I/C, KLEF
10. Dr. V. J. Hima Varsha, Faculty Representative/ TLP I/C, KLEF
11. Dr. M. Ashok Kumar, Faculty Representative/Registrations Professor I/C, KLEF
12. Dr. D. Sravani, Faculty Representative/Counselling Professor I/C, KLEF
13. Dr. G. Charan Kumar, Faculty Representative from other department, KLEF
14. Dr. P. Anil Kumar, Faculty Representative, External member, ANGRAU
15. Dr. Archana Watts, Faculty Representative, External member, IARI
16. Mr. V. Rambhupal, Industry Representative, ITC
17. Dr. D. Rakshith, Industry Representative, Mahindra Summit Agrochemicals Ltd.
18. Mr. K. Shiva Kumar, Industry member, Green Pro
19. Ms. K. Kavya Likhita (2100620100), Student Representative (Alumni)
20. Mr. S. Manohar Reddy (2100620063), Student Representative (Alumni)
21. Ms. D. Sri Navya (2100620070), Student Representative (Alumni)
22. Ms. S. Pujitha, (2100620211), Student Representative (Alumni)
23. Ms. S. V. Megahna (21006200185), Student Representative (Alumni)
24. Ms. G. Geethika Reddy, (2200620015), Student Representative (Final Year)
25. Ms. P. Baby Kavya, (2200620043), Student Representative (Final Year)
26. Ms. B. Naveena (2200620095), Student Representative (Final Year)
27. Mr. A. Mohan Sai (2200620105), Student Representative (Final Year)
28. Ms. Joshitha (2300620033), Student Representative (Pre-Final Year)
29. Ms. Sohana (2300620023), Student Representative (Pre-Final Year)
30. Mr. Puna Chandar Raju (23006200160), Student Representative (Pre-Final Year)
31. Ms. Niharika (2300620166), Student Representative (Pre-Final Year)

Members absent: Nil


KL College of Agriculture
KLEF (Deemed to be University,
VADDESWAREM-522 302.



Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

◆ Approved by AICTE ◆ ISO 21001:2018 Certified

Campus: Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

Phone No. +91 8645 - 350 200; www.klef.ac.in; www.klef.edu.in; www.kluniversity.in

Admin Off: 29-36-38, Museum Road, Governorpet, Vijayawada - 520 002. Ph: +91 - 866 - 3500122, 2576129

WELCOMING ALL THE MEMBERS

At the beginning of the meeting, the BOS chair, Dr. P. Ratna Prasad welcomed the invitees and members to the tenth BOS meeting of the KL College of Agriculture, KLEF. As per the agenda, the following points were discussed. After that, the BOS reviewed and resolved the following items

AGENDA and RESOLUTIONS

AGENDA ITEM-1

To consider and approve the minutes of Department Academic Committee (DAC) meeting

Discussion & Resolution

The committee members entirely discussed and approved the minutes of Department Academic Committee meeting held on 21.07.2025

The minutes were given in Annexure-I

AGENDA ITEM-2

Discussion on Y25 course structure

Discussion & Resolution

The committee members entirely discussed and finalized the Y25 course structure of KL College of Agriculture to meet the current and future local, regional, national and global needs for the sustainable agricultural practices.

The finalized course structure presented in Annexure-II.

HUD
KL College of Agriculture
KLEF (Deemed to be University)
VADDESWAREM-522 302.



Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

◆ Approved by AICTE ◆ ISO 21001:2018 Certified

Campus: Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

Phone No. +91 8845 - 350 200; www.klef.ac.in; www.klef.edu.in; www.kluniversity.in

Admin Off: 29-36-38, Museum Road, Governorpet, Vijayawada - 520 002. Ph: +91 - 866 - 3500122, 2576129

AGENDA ITEM-3

Swapping of 24ENTO231 course with 24AENG251 in 2.1 of Y24 course structure

Discussion & Resolution

The committee members extensively discussed and decided to swap the 24ENTO231 course with 24AENG251 in 2.1 of Y24 course structure based on faculty feedback

AGENDA ITEM-4

Syllabus revision in Agronomy and Genetics and Plant Breeding courses of Y25 course structure

Discussion & Resolution

The committee members discussed and opinioned to add few topics in Agronomy, Genetics and Plant Breeding courses to meet the students understanding levels based on stakeholder's feedback. (Annexure III).


HOD
KL College of Agriculture
KLEF (Deemed to be University)
VADESWAREM-522 302.



Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

◆ Approved by AICTE ◆ ISO 21001:2018 Certified

Campus: Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

Phone No. +91 8645 - 350 200; www.klef.ac.in; www.klef.edu.in; www.kluniversity.in

Admin Off: 29-36-38, Museum Road, Gownmopet, Vijayawada - 520 002. Ph: +91 - 866 - 3500122, 2576129

BOS committee members:

S.No	Name of the Member	Designation / Role in Committee	Organization	Email ID	Phone Number	Signature
1.	Dr. P. Ratna Prasad	Chair Person	KLEF	pratinaprasad@kluniversity.in	9849859073	<i>P. Ratna Prasad</i>
2.	Dr. B. Balakrishna	Faculty Representative/Cohort I/C	KLEF	bbalakrishna@kluniversity.in	9989916495	<i>B. Balakrishna</i>
3.	Dr. J. R. Rajeshwar	Faculty Representative	KLEF	jrajeshwar@kluniversity.in	9030765999	<i>J. R. Rajeshwar</i>
4.	Dr. B. V. S. Kiran	Faculty Representative/cohort I/C	KLEF	bsagalkiran@kluniversity.in	9441837487	<i>B. V. S. Kiran</i>
5.	Dr. M. Nagaraj Kumar	Faculty Representative	KLEF	nagarajkumar@kluniversity.in	9025767261	<i>M. Nagaraj Kumar</i>
6.	Dr. M. Dolpriya Devi	Faculty Representative/ RPAC Professor I/C	KLEF	Dolpriya.ag@kluniversity.in	7005587341	<i>M. Dolpriya Devi</i>
7.	Dr. M. Gayathri	Faculty Representative/Academic Professor I/C, Cohort I/C	KLEF	gayathrimunrat@kluniversity.in	9394681333	<i>M. Gayathri</i>
8.	Dr. G. Suresh	Faculty Representative	KLEF	sureshgali@kluniversity.in	9398717652	<i>G. Suresh</i>
9.	Dr. Shiva Sai Prasad	Faculty Representative/OBE Professor I/C	KLEF	shivasaiprasad@kluniversity.in	8094358577	<i>Shiva Sai Prasad</i>
10.	Dr. V. J. Hima Varsha	Faculty Representative/ TLP I/C	KLEF	vjhimaVarsha@kluniversity.in	6303883279	<i>V. J. Hima Varsha</i>
11.	Dr. M. Ashok Kumar	Faculty Representative/Registrations Professor I/C	KLEF	drashokkumar@kluniversity.in	9731602250	<i>M. Ashok Kumar</i>

[Signature]
HOD
KL College of Agriculture
KLEF (Deemed to be University)
VADDESWAREM-522 302.

S.No	Name of the Member	Designation / Role in Committee	Organization	Email ID	Phone Number	Signature
12.	Dr. D. Sravani	Faculty Representative/Counselling Professor I/C	KLEF	dsravani@kluniiversity.in	7981801908	<i>Sravani</i>
13.	Dr. G. Charan Kumar	Faculty Representative from other department	KLEF	charankumarganteda@kluniversity.in	7396793773	<i>Charan</i>
14.	Dr. P. Anil Kumar	Faculty Representative, External member	ANGRAU	anilpatibanda@yahoo.co.in	9866278398	<i>Online</i>
15.	Dr. Archana Watts	Faculty Representative, External member	Senior Scientist, Division of Plant Physiology, ICAR-Indian Agricultural Research Institute,	arch.9863@gmail.com	8376059123	<i>Online</i>
16.	Mr. Rambhupal V.	Industry Representative	Associate General Manager, South Zone, ITC.	panduveeramacineni@gmail.com	9618615699	<i>Online</i>
17.	Dr. D. Rakshith	Industry Representative	Field biologist, Mahindra Summit Agrichemicals Pvt. Ltd.	Rakshith.devu@gmail.com	7376251730	<i>Online</i>
18.	Mr. K. Shiva Kumar	Associate General Manager, South Zone, Industry member	Associate General Manager, South Zone, Green Pro Pvt. Ltd. Green Pro Pvt. Ltd.	Shivag369@gmail.com	9346112339	<i>Online</i>
19.	Ms. K. Kavya Likhita (2100620100)	Student Representative (Alumni)	KLEF	2100620100@kluniversity.in	8143837373	<i>Online</i>
20.	Mr. S. Manohar Reddy (2100620063)	Student Representative (Alumni)	KLEF	2100620063@kluniversity.in	9441402559	<i>Online</i>


HOD
KL College of Agriculture,
KLEF (Deemed to be University),
VADDESWAREM-522 302.

S.No	Name of the Member	Designation / Role in Committee	Organization	Email ID	Phone Number	Signature
21.	Ms. D. Sri Navya (2100620070)	Student Representative (Alumni)	KLEF	2100620070@kluniversity.in	7893802410	Online
22.	Ms. S. Pujitha, (2100620211)	Student Representative (Alumni)	KLEF	2100620211@kluniversity.in	7793992832	Online
23.	Ms. S. V. Megahna (21006200185)	Student Representative (Alumni)	KLEF	21006200185@kluniversity.in	9502043443	Online
24.	Ms. G. Geethika Reddy, (2200620015)	Student Representative (Final Year)	KLEF	2200620015@kluniversity.in	8328699582	Geethika
25.	Ms. P. Baby Kavya, (2200620043)	Student Representative (Final Year)	KLEF	2200620043@kluniversity.in	8919461881	PB Baby Kavya
26.	Ms. B. Naveena (2200620095)	Student Representative (Final Year)	KLEF	2200620095@kluniversity.in	9381963890	Naveena
27.	Mr. A. Mohan Sai (2200620105)	Student Representative (Final Year)	KLEF	2200620105@kluniversity.in	7989095107	Mohan
28.	Ms. Joshitha (2300620033)	Student Representative (Pre-Final Year)	KLEF KLEF	2300620033@kluniversity.in	7842493557	Joshitha
29.	Ms. Sohana (2300620023)	Student Representative (Pre-Final Year)	KLEF	2300620023@kluniversity.in	7013015895	Sohana
30.	Mr. Puna Chandar Raju (23006200160)	Student Representative (Pre-Final Year)	KLEF	2300620160@kluniversity.in	8688984823	Papa
31.	Ms. Niharika (2300620166)	Student Representative (Pre-Final Year) Student)	KLEF	2300620166@kluniversity.in	9133422267	Niharika



HoD

KL College of Agriculture

KL College of Agriculture
KLEF (Deemed to be University),
VADESWARAM-522 302.



Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

◆ Approved by AICTE ◆ ISO 21001:2018 Certified

Campus: Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

Phone No. +91 8645 - 350 200; www.klef.ac.in; www.klef.edu.in; www.kluniversity.in

Admin Off: 29-36-38, Museum Road, Governorpet, Vijayawada - 520 002, Ph: +91 - 866 - 3000122, 2576128

Annexure II

COLLEGE OF AGRICULTURE

Y-25 COURSE STRUCTURE

Sl No	Course Code	Course Title	Category	L	T	P	S	Ch	Cr	Pre-requisite
First semester										
1	24AGFC001	Deeksharambh (Induction cum Foundation course)	FC	0	0	4	0	4	2	Foundation Course
2	24AGSE001	Skill Enhancement course-I*/Biofertilizer and biopesticide production	SEC	0	0	4	0	4	2	Nil
3	24AGSE002	Skill Enhancement course-II*(Mushroom production technology)	SEC	0	0	4	0	4	2	Nil
4	24AEXT192	Communication Skills	AEC	1	0	2	0	3	2	Fundamental course
5	24AGRO102	Farming based livelihood systems	MDC	2	0	2	0	4	3	Fundamental course
6	24AEXT191	Rural Sociology and Educational Psychology	PC	2	0	0	0	2	2	Fundamental course
7	24AGRO101	Fundamentals of Agronomy	PC	2	0	2	0	4	3	Fundamental course
8	24SSAC121	Fundamentals of Soil Science	PC	2	0	2	0	4	3	Fundamental course
9	24HORT181	Fundamentals of Horticulture	PC	2	0	2	0	4	3	Fundamental course
10	24COCA100	National Service Scheme (NSS-I)/ National Cadet Corps (NCC-I)	AEC	0	0	2	0	2	1	Fundamental course
11	24SMCA101 / 24CPHY161	Introductory mathematics (need based) / Introductory Biology	BSS	1	0	0	0	1	1	Fundamental course
								36	24	
Second semester										
1	24AGSE003	Seed Production Technology	SEC	0	0	4	0	4	2	Nil
2	24AGSE004	Skill Enhancement course-IV*(Horticulture nursery management)	SEC	0	0	4	0	4	2	Nil
3	24AEXT193	Personality Development	AEC	1	0	2	0	3	2	24AEXT191
4	24AGRO103	Environmental Studies and Disaster Management	VAC	2	0	2	0	4	3	Fundamental course
5	24SSAC122	Soil Fertility Management	PC	2	0	2	0	4	3	Fundamental course
6	24ENTO131	Fundamentals of Entomology	PC	2	0	2	0	4	3	Fundamental course
7	24LSPM101	Livestock and Poultry Management	PC	1	0	2	0	3	2	Fundamental course


HOD
KL College of Agriculture
KLEF (Deemed to be University)
VADDESWAREM-522 302.

8	24PATH171	Fundamentals of Plant Pathology	PC	2	0	2	0	4	3	Fundamental course
9	24COCA101	NCC-II/NSS-II	AEC	0	0	2	0	2	1	Nil
								31	21	
		Third semester								
1	24AGSE005	Skill Enhancement course-V*(Beneficial insect farming)	SEC	0	0	4	0	4	2	Nil
2	24AECO241	Entrepreneurship Development and Business Management	MDC	2	0	2	0	4	3	24AECO241
	24COCA200	Physical Education, First Aid, Yoga Practices and Meditation	AEC	0	0	4	0	4	2	24COCA100
4	24GPBR211	Principles of Genetics	PC	2	0	2	0	4	3	Fundamental course
5	24AGRO201	Crop Production Technology-I (Kharif crops)	PC	1	0	4	0	5	3	24AGRO101
6	24HORT281	Production Technology of Fruit and Plantation Crops	PC	1	0	2	0	3	2	24HORT181
7	24AEXT291	Fundamentals of Extension Education	PC	1	0	2	0	3	2	24AEXT192
8	24AENG251	Farm Machinery and Power	PC	1	0	2	0	3	2	Fundamental course
9	24AGRO202	Principles and Practices of Natural Farming	PC	1	0	2	0	3	2	24AGRO101
								33	21	
		Fourth semester								
1	24AGSE006	Skill Enhancement course-VI*(Post harvest processing technology)	SEC	0	0	4	0	4	2	Nil
2	24SMCA201	Agricultural Informatics and Artificial Intelligence	VAC	2	0	2	0	4	3	Nil
3	24HORT282	Production Technology of Vegetables and Spices	PC	1	0	2	0	3	2	24HORT181
4	24AECO242	Principles of Agricultural Economics and Farm Management	PC	2	0	0	0	2	2	24AGRO241
5	24AGRO203	Crop Production Technology-II (Rabi Crops)	PC	1	0	4	0	5	3	24AGRO101
6	24ENTO231	Fundamentals of Nematology	PC	1	0	2	0	3	2	24ENTO131
7	24AGRO204	Water Management	PC	1	0	2	0	3	2	24AGRO101
8	24SSAC221	Problematic Soils and their management	PC	1	0	2	0	3	2	24SSAC121
9	24GPBR212	Basics of Plant Breeding	PC	2	0	2	0	4	3	24GPBR211
								31	21	
		Fifth semester								
1	24AECO341	Agricultural Marketing and Trade	MDC	2	0	2	0	4	3	24AECO241
2	24AGRO301	Introduction to Agro-meteorology	PC	1	0	2	0	3	2	24AGRO101
3	24CPHY361	Fundamentals of Crop Physiology	PC	2	0	2	0	4	3	Nil
4	24ENTO331	Pest management in Crops and Stored Grains	PC	2	0	2	0	4	3	24ENTO131
5	24PATH371	Diseases of Field & Horticultural Crops & their Management	PC	2	0	2	0	4	3	24PATH171

6	24GPBR311	Crop Improvement (<i>kharif</i> crops) - I	PC	1	0	2	0	3	2	24GPBR212
7	24AGRO302	Weed Management	PC	1	0	2	0	3	2	24AGRO101
8	24HORT381	Ornamental Crops, MAPs and Landscaping	PC	1	0	2	0	3	2	24HORT181
9	24AGRO303	Introductory Agro forestry	PC	1	0	2	0	3	2	NIL
10	24COCA 300	Study tour	PRI	0	0	4	0	4	2	NONE
								31	22	
		Sixth semester								
1	24GPBR312	Fundamentals of Agri Biotechnology	PC	2	0	2	0	4	3	24GPBR212
2	24SMCA301	Basic and Applied Agril Statistics	PC	2	0	2	0	4	3	Nil
3	24GPBR313	Crop Improvement (<i>Rabi</i> crops) - II	PC	1	0	2	0	3	2	24GPBR212
4	24AENG351	Renewable energy in Agriculture and Allied Sector	PC	1	0	2	0	3	2	24AENG251
5	24AGRO304	Dryland agriculture/ Rainfed agriculture and watershed management	PC	1	0	2	0	3	2	24AGRO101
6	24PATH372	Agricultural Microbiology and Phyto -remediation	PC	1	0	2	0	3	2	24PATH171
7	24AECO342	Agricultural Finance & Cooperation	PC	1	0	2	0	3	2	24AECO241
8	24BICM301	Essentials of Plant Biochemistry	PC	2	0	2	0	4	3	NIL
9	24GPBR314	Fundamentals of Seed Science & Technology	PC	1	0	2	0	3	2	24GPBR212
								30	21	
		Seventh semester								
1	24ELCT	Elective Course 1	PE 1	3	0	2	0	5	5	Applied course
2	24ELCT	Elective Course 2	PE 2	3	0	2	0	5	5	Applied course
3	24ELCT	Elective Course 3	PE 3	3	0	2	0	5	5	Applied courses
4	24ELCT	Elective Course 4	PE 4	3	0	2	0	5	5	Applied course
5	24ELCT	Elective Course 5	PE 5	3	0	2	0	5	5	Applied course
								25	20	
		Eighth semester								
1		Student READY :RAWE/ Industrial Attachment /Experiential Learning / Hands-on Training/ Project Work / Internship	PRI	0	0	40	0	40	20	Applied course
								40	20	
									170	10 credits online courses
		* 10 Online courses								
		ELECTIVE COURSES								
1	24ELCT441	Agri-Business Management	PE	3	0	2	4	0	5	Applied course
2	24ELCT451	Management of Natural Resources	PE	3	0	2	4	0	5	Applied course


HOD
KL College of Agriculture
KLEF (Deemed to be University)
VADDESWAREM-522 302.

3	24ELCT421	Agrochemicals	PE	3	0	2	4	0	5	Applied course
4	24ELCT491	Agricultural Journalism	PE	3	0	2	4	0	5	Applied course
5	24ELCT481	Landscaping	PE	3	0	2	4	0	5	Applied course
6	24ELCT411	Commercial Plant Breeding	PE	3	0	2	4	0	5	Applied course
7	24ELCT401	Food Safety and Standards	PE	3	0	2	4	0	5	Applied course
8	24ELCT432	Bioformulation and Nanoformulation	PE	3	0	2	4	0	5	Applied course
9	24ELCT431	Biopesticides and Biofertilizers	PE	3	0	2	4	0	5	Applied course
10	24ELCT403	System Simulation and Agroadvisory	PE	3	0	2	4	0	5	Applied course
11	24ELCT481	Hi-tech Horticulture	PE	3	0	2	4	0	5	Applied course
12	24ELCT482	Protected Cultivation	PE	3	0	2	4	0	5	Applied course
13	24ELCT402	Climate Resilient Agriculture	PE	3	0	2	4	0	5	Applied course
14	24ELCT412	Biotechnology of Crop Improvement	PE	3	0	2	4	0	5	Applied course
15	24ELCT404	Geoinformatics and Remote Sensing, Precision Farming	PE	3	0	2	4	0	5	Applied course
16	24ELCT416	Micro-propagation Technologies	PE	3	0	2	4	0	5	Applied course
17	24ELCT413	Commercial Seed Production	PE	3	0	2	4	0	5	Applied course
18	24ELCT405	Principles and Practices of Organic Farming/ Conservation Agriculture	PE	3	0	2	4	0	5	Applied course
19	24ELCT400	Food Science and Nutrition	PE	3	0	2	4	0	5	Applied course
20	24ELCT483	Post Harvest Technology and Value Addition	PE	3	0	2	4	0	5	Applied course

PRI

24RAWEP01	Crop Production	PRI	0	0	8	0	8	4	Applied course
24RAWEP02	Crop Protection	PRI	0	0	6	0	6	3	Applied course
24RAWEP03	Rural Economics	PRI	0	0	6	0	6	3	Applied course
24RAWEP04	Extension Programme	PRI	0	0	8	0	8	4	Applied course
24RAWEP05	Research Station / KVK /DAATT Centre activities and attachment to Agro based industries	PRI	0	0	2	0	2	1	Applied course
21RAWEP06	INTERNSHIP	PRI	0	0	12	0	12	6	Applied course


HOD
KL College of Agriculture
KLRF (Deemed to be University,
VADDESWARAM-522 302.

24ELP1	Experiential Learning Programme (ELP)	PRI	0	0	20	0	20	10	Applied course
24ELP2	Experiential Learning Programme (ELP)	PRI	0	0	20	0	20	10	Applied course



HoD

KL College of Agriculture

HO

KL College of Agriculture
KLEF (Deemed to be University)
VADESWARAM-522 302.



Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

◆ Approved by AICTE ◆ ISO 21001:2018 Certified

Campus: Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

Phone No. +91 8645 - 350 200; www.klef.ac.in; www.klef.edu.in; www.kluniversity.in

Admin Off: 29-36-38, Museum Road, Governorpet, Vijayawada - 520 002. Ph: +91 - 866 - 3500122, 2576129

Annexure III

Agronomy

S.NO.	Course code	Course Title	Credit hours	Revision
1.	24AGRO101	Fundamentals of Agronomy	3(2+1)	Theory: (TO BE ADDED) Dryland farming Herbicides – Definition and classification Harvesting and threshing of crops Practical: Herbicide label information, Computation of herbicide doses
2.	24AGRO102	Farming-based livelihood systems	3(2+1)	Theory: (TO BE ADDED) Digitalization in Agriculture- Different digital/ online platforms, successful apps in Agriculture with changing life style Marketing of produce
3.	24AGRO201	Crop Production Technology-I (Kharif Crops)	3(1+2)	Theory: (TO BE ADDED) Mesta and Sunhemp management practices
4.	24AGRO203	Crop Production Technology-II (Rabi Crops)	3(1+2)	Theory: (TO BE ADDED) Niger management practices Practical: Visit to Agro based industry
5.	24AGRO204	Water Management	2(1+1)	Theory: (TO BE ADDED) Precision water management practices -Automation in irrigation, moisture sensors etc. Practical: Scheduling irrigation by IW/CPE ratio, Problems on duty of water and irrigation efficiencies
6.	24AGRO304	Dryland agriculture/ Rainfed agriculture and watershed management	2(1+1)	Theory: (TO BE ADDED) Evapotranspiration- measures to reduce evapotranspiration

HOD
 KL College of Agriculture
 KLEF (Deemed to be University)
 VADDESWAREM-522 302.

S.NO.	Course code	Course Title	Credit hours	Revision
7.	24AGRO202	Principles and Practices of Natural Farming	2(1+1)	Practical: (TO BE ADDED) Documentation of natural farming practices
8.	24AGRO301	Introduction to Agro-meteorology	2(1+1)	Practical: (TO BE ADDED) GDD, HTU, PTU calculations and their interpretations Crop planning for climate change
9.	24AGRO403	System Simulation and Agro advisory	4(3+1)	Theory: (TO BE ADDED) Yield forecasting, Early forewarning for pest and diseases, Crop Insurance
10	24AGRO402	Climate Resilient Agriculture	4(3+1)	Theory: (TO BE ADDED) Climate resilient management strategies for Rice, Wheat, Maize, Sorghum, millets, Sugarcane Pulses, Oilseed crops, Livestock and Horticultural crops Practical: Economic analysis of climatic smart interventions
11.	24AGRO405	Principles and Practices of Organic Farming/ Conservation Agriculture	4(3+1)	Theory: (TO BE ADDED) Govt. schemes Manures, Biofertilizers, Botanicals, Crop residue management Competing uses of crop residues Crop diversification Carbon sequestration Practical: Post harvest management of organic products Direct seeding equipment

Genetics and Plant Breeding

S.NO.	Course code	Course Title	Credit hours	Revision
1.	24GPBR211	Principles of Genetics	3(2+1)	Theory: (TO BE ADDED) Types of chromosomes based on centromere Non-Epistatic interaction Interaction of factors Penetrance Expressivity Linkage groups and characteristic groups Experiments to prove DNA as genetic material Post transcriptional modifications Chimera and its type Xenia and metaxenia Molecular basis of mutation


HOD
KL College of Agriculture
KLEF (Deemed to be University)
VAODESWARAM-522 302.

S.NO.	Course code	Course Title	Credit hours	Revision
2.	24GPBR212	Basics of Plant Breeding	3(2+1)	Theory: (TO BE ADDED) Genetic erosion Selection, basic principles of selection Types of selection Progeny test Heterosis breeding Practical: Study of floral structure, emasculation and hybridization in often cross-pollinated species Estimation of heterosis and inbreeding depression
3.	24GPBR311	Crop Improvement (kharif crops) – I	2(1+1)	Practical: (TO BE ADDED) Kodo millet Proso millet Horse gram Banana Guava Lime Lemon Apple Chrysanthemum Marigold Study of field techniques for varietal seed production
4.	24GPBR312	Fundamentals of Agricultural Biotechnology	3(2+1)	Theory: (TO BE ADDED) Embryo culture <i>In vitro</i> pollination Ovary culture Inverse PCR, qRT-PCR Practical: Explant sterilization
5.	24GPBR313	Crop Improvement (Rabi crops)- II	2(1+1)	Practical: Barley Sun flower, Safflower Linseed Sweet potato Garlic Mango, Papaya Pomegranate, Sapota Rose, Jasmine
6.	24GPBR314	Fundamentals of Seed Science and Technology	2(1+1)	Theory: (TO BE ADDED) Planning, layout and establishment of seed processing plant Practical: Visit to Seed certification agency Visit to Public sector seed production agencies Visit to Seed storage farms
7.	24ELCT411	Commercial Plant breeding	4(3+1)	Theory: (TO BE ADDED) Seed production in often cross pollinated crops Cytological tools for line development DUS testing in rice, ground nut, maize, sorghum, pearl millet, castor, sunflower, cotton, pigeonpea, rapeseed and mustard, brinjal and tomato Practical: (TO BE ADDED) Floral biology in often cross pollinated crops

S.NO.	Course code	Course Title	Credit hours	Revision
8.	24ELCT412	Biotechnology of Crop Improvement	4(3+1)	Theory: (TO BE ADDED) Transgenic crops, applications, advantages & disadvantages, ethical issues, IPR's World scenario on GM crops Bio-Safety and risks with GM crops Gene targeting steps, construct preparation, targeting the gene, generation and types of disruption and its applications. Regulation of genome edited crops in India. Regulatory mechanism. Practical: Plant DNA extraction Plasmid DNA extraction PCR, Gel electrophoresis and PAGE
9.	24ELCT413	Commercial Seed Production	4(3+1)	Theory: (TO BE ADDED) Seed quality Deterioration of crop varietal purity Practical: Hardening and Acclimatization
10	24AGSE003	Seed Production Technology	2(0+2)	Practical: Structure of seed industry in India, formal and informal systems, seed supply chain Planting Design for hybrid seed production Preparation of seed album and identification of seeds Visit to public and private sector seed industry, SCAs, seed storage godowns


HoD

KL College of Agriculture
KL College of Agriculture
KLEF (Deemed to be University)
VADDESWAREM-522 302.