Minutes of the 4th Meeting of Board of Studies of Faculty of Agricultural Technology was held on September 19, 2018, 11.00 hrs. at Conference Room, College of Agricultural Information Technology, AAU, Anand.

Following Members were remained present:

1.	Dr. D. R. Kathiriya, Dean,Faculty of Agricultural Information Technology, AAU, Anand	... Chairman
2.	Dr. Y. R. Ghodasara, Head of Department, Department of Agricultural Information Technology, CAIT,AAU, Anand	... Member
3.	Dr. V.B. Darji, Head of Department, Department of Agricultural Science, CAIT,AAU, Anand	... Member
4.	Dr. K.B. Kathiria, Director of Research and Dean , Post-graduate Studies , AAU, Anand	... Member
5.	Dr. Arun Patel , Director of Extension Education, AAU, Anand	... Member
6.	Dr. Atul Patel, Director, Department of Computer Science, CHARUSAT, Changa.	... Co-opted Member
7.	Dr. V. R. Bhatt, Professor and Head, Dept. of Soil Science and Agril. Chemistry, BACA, AAU, Anand.	... Co-opted Member
8.	Dr. Hiren Joshi, Professor, Rollwala Computer Centre, Gujarat University, Ahmedabad	... Co-opted Member
9.	Dr. Dr. D. H. Patel, Assistant Registrar (Academic), , Anand Agricultural University, Anand	... Member Secretary

At the beginning, Dr. D. H. Patel, Assistant Registrar (Academic) and Member Secretary welcomed all the members and invitees. Dr. D.H. Patel requested Dr. D.R. Kathiriya, Dean and Chairman, Board of Studies of Faculty of AIT for his opening remarks. After his opening remarks, meeting commenced as per the agenda items.

ITEM NO. 4.1 Confirmation of the minutes of 3rd Meeting of the Board of Studies of Faculty of Agricultural Information Technology held on 24-04-2017

The Minutes were confirmed.

(Action: Principal & Dean, Agril. I.T.)

ITEM NO. 4.2 Action taken on the minutes of 3rd Meeting of the Board of Studies of Faculty of Agricultural Information Technology held on 24-04-2017

Report on the action was noted.

(Action: Principal & Dean, Agril. I.T.)

ITEM NO: 4.3 Reformation of B.Tech.(AIT) course curriculum

The detailed B.Tech.(AIT) course curriculum was presented in the meeting. Dr. R. S. Parmar briefed about the syllabus to be started from the current academic year. He discussed existing and proposed syllabus. Suggestions received from Dr. Hiren Joshi through e-mail were discussed. Following inputs were suggested:

1. Dr. V.R. Bhatt suggested to think upon the course title CROP PHYSIOLOGY according to its content.
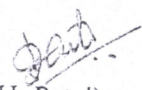
Hon. Director of Research and Dean PG Studies suggested to take post facto approval for proposed syllabus to be implemented from current year. Later on it can be placed in Academic Council for approval. The matter was resolved as under.

"The members of Board of Studies of Agricultural Information Technology recommend the syllabus for B. Tech. (AIT) after modifications and to take further in Faculty of Agricultural Information Technology for approval".
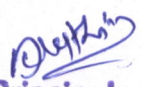
<div align="right">(Action: Concerned HOD, Principal & Dean, Agril. I.T.)</div>

The meeting was ended with vote of thanks as proposed by Dr. D.H. Patel, Assistant Registrar (Academic) and Member Secretary.

Place : Anand

Date : 20.09.2018

<div align="right">
(D. H. Patel)
Assistant Registrar (Academic)
AAU, Anand
</div>

Out Word No. AAU/AIT/ 644-52 M 8

Date 25 / 09 /2018

<div align="right">
Principal
College of Agri. I.T.
Anand Agricultural University
Anand-388 110
</div>

Item No. 5.2

Sub: Action taken on the minutes of 4th Meeting of the Board of Studies of Faculty of Agricultural Information Technology

The minutes of 4th Meeting of the Board of Studies of Faculty of Agricultural Information Technology was circulated to the members. Actions taken on the minutes are as under:

Item No.	Subject	Action Taken
Item No. 4.1	Confirmation of the minutes of 3rd Meeting of the Board of Studies of Faculty of Agricultural Information Technology held on 24-04-2017.	Minutes were confirmed
Item No. 4.2	Report of the Action taken on the minutes of 3rd Meeting of the Board of Studies of Faculty of Agricultural Information Technology held on 24-04-2017.	Report on the action was noted.
Item No. 4.3	Reformations of B.Tech. (AIT) course curriculum.	Notification is issued by the Principal & Dean, College of AIT, AAU, Anand vide No. AAU/AIT/ACD/1563-71/2019 Dated:25/03/2019

51·18

COLLEGE OF AGRICULTURAL INFORMATION TECHNOLOGY
ANAND AGRICULTURAL UNIVERSITY
ANAND – 388 110 ● GUJARAT ● INDIA

AAU

Dr. D.R. Kathiriya
Principal & Dean

Tel: +91-2692-263123
deanait@aau.in

Read: Resolution of 51st meeting of the Academic Council held on 08-03-2019, Anand Agricultural University, Anand vide Item No. 51.18 has resolved as under

> **Reformation of 4th to 8th Semesters B.Tech. (AIT) course curriculum**

NOTIFICATION

It is hereby notified to all concerned that vide Item No. 51.18 of the 51st meeting held on 08-03-2019, the Academic Council of the Anand Agricultural University, has resolved as under.

"In continuation of the notification No. AAU/AIT/ACD/1222-28/2018 dated: 14/12/2018 approving the syllabus of B. Tech. (AIT) for 1st to 3rd semester, the academic council has further approved the revised syllabus of semester 4th to 8th of the B. Tech. (AIT) degree programme. Thereby, the complete syllabus of B. Tech. (AIT) is revised and approved by the academic council for its implementation from the academic year 2018-19."

No. AAU/AIT/ACD/1563 – 71 /2019

Date: 25/03/2019

PRINCIPAL & DEAN

Copy F.W.Cs. to:

1. All Members of Academic Council of this University.
2. All Officers of this University.
3. All Deans and Principals, AAU, Anand
4. Prof. & Head, Department of AIT
5. Prof. & Head, Department of Agricultural Sciences

Copy to:

1. P.S. to Vice-Chancellor, Anand Agricultural University, Anand.
2. P.A. to Registrar, Anand Agricultural University, Anand.
3. Office of Registrar (Examination), Legal and Academic Branch(10 Copies).
4. Academic File

Syllabus for B. Tech. (AIT) (Year 2018-19)

Semester -I

Course No	Subject Name	TH	PR	CR	HRS
AIT 111	Fundamentals of Computers	2	1	3	4
AIT 112	Programming in C	2	2	4	6
AIT 113	Introduction to Web Scripting	2	1	3	4
AGRI 111	Fundamentals of Agronomy	2	1	3	4
AGRI 112	Introductory Botany	1	1	2	3
AGRI 113	Fundamentals of Horticulture	1	1	2	3
MATH 111	Engineering Mathematics - I	2	1	3	4
ENG 111	Comprehension and Communication Skills in English	1	1	2	3
PE 111	NCC /NSS / PHYSICAL EDUCATION	0	1	1*	
	TOTAL CREDITS	13	9	22	31

Semester –II

Course No	Subject Name	TH	PR	CR	HRS
AIT 121	Data Structure Through C	2	2	4	6
AIT 122	Introduction to Multimedia	1	2	3	5
AIT 123	Computer Organization and Architecture	2	0	2	2
AIT 124	Basic Electronics	2	1	3	4
AGRI 121	Environmental Studies and Disaster Management	2	1	3	4
AGRI 122	Principles of Integrated Pest and Disease Management	2	1	3	4
AGRI 123	Soil and Water Conservation Engineering	1	1	2	3
MATH 121	Engineering Mathematics -II	2	1	3	4
PE 121	NCC /NSS / PHYSICAL EDUCATION	0	1	1*	
	TOTAL CREDITS	14	9	23	32

Semester – III

Course No	Subject Name	TH	PR	CR	HRS
AIT 211	OOP Using Java	2	1	3	4
AIT 212	Relational Database Management System	2	1	3	4
AIT 213	System Analysis and Design	2	1	3	4
AIT 214	Website Development Using PHP	2	1	3	4
AGRI 211	Basic Instrumentation	2	1	3	4
AGRI 212	Fundamentals of Agricultural Economics	2	0	2	2
AGRI 213	Fundamentals of Soil Science	2	1	3	4
AGRI 214	Fundamentals of Agricultural Extension Education	1	1	2	3
PE 211	NCC /NSS / Physical Education	0	1	1*	
SMNR 211	SEMINAR-I	0	1	1*	
	TOTAL CREDITS	15	7	22	29

* Non Credit Course

Semester –IV

Course No	Subject Name	TH	PR	CR	HRS
AIT 221	Software Engineering	3	0	3	3
AIT 222	Introduction to .Net Framework and ASP.NET	2	2	4	6
AIT 223	Computer Networks	2	1	3	4
AIT 224	Operating System with Unix/Linux	2	1	3	4
AIT 225	Web Data Management	2	1	3	4
AGRI 221	Agricultural Meteorology and Climate Change	2	1	3	4
AGRI 222	Entrepreneurship Studies and Business Communication	2	0	2	2
STAT 221	Statistical Methods	2	1	3	4
PE 221	NCC /NSS / Physical Education	0	1	1*	
PRJT 221	Project – I	0	1	1*	
	TOTAL CREDITS	17	7	24	31

Semester –V

Course No	Subject Name	TH	PR	CR	HRS
AIT 311	Advance ASP.NET	2	1	3	4
AIT 312	Python Programming	2	1	3	4
AIT 313	Elective-I	2	1	3	4
AIT 314	E-Content Development Using Multimedia	1	2	3	5
AIT 315	Fundamentals of Artificial Intelligence	2	1	3	4
AGRI 311	Communication Skills and Personality Development	2	0	2	2
AGRI 312	Elective – II	2	1	3	4
AGRI 313	GIS and Remote Sensing Techniques	2	1	3	4
PRJT 311	Project – II	0	3	3*	
	TOTAL CREDITS	15	8	23	31

Semester –VI

AIT 321	E-Content Development Using Advance Multimedia	1	2	3	5
AIT 322	Machine Learning	1	1	2	3
AIT 323	Application Development in Mobile Technology	2	1	3	4
AIT 324	Data Analysis with MATLAB	2	1	3	4
AIT 325	Image Processing	2	1	3	4
AGRI 321	Elective – III	2	1	3	4
AGRI 322	Advanced Automation and Sensor Technology	2	1	3	4
AGRI 323	Elective – IV	2	1	3	4
SMNR 321	Seminar-II	0	1	1*	
	TOTAL CREDITS	14	9	23	32

* **Non Credit Course**

Semester-VII

Course No	Subject Name	TH	PR	CR	HRS
EXPL 411	Educational Tour	0	3	3	6
EXPL 412	Experiential Learning - I	0	6	6	12
EXPL 413	Experiential Learning - II	0	6	6	12
EXPL 414	Experiential Learning - III	0	5	5	10
PRJT 411	Project –III	0	3	3*	
SSD 411	Soft Skills Development	0	1	1*	
	TOTAL CREDITS	0	20	20	40

* Non Credit Course

Semester—VIII

PRJT 421	Project cum Internship	0	20	20	40

ELECTIVE SUBJECTS

Elective-I	Subject Name	TH	PR	CR	HRS
1	Information Retrieval	2	1	3	4
2	Data Warehouse and Data Mining in Agriculture	2	1	3	4
Elective-II	Subject Name				
1	Fundamentals of Crop Physiology	2	1	3	4
2	Nanotechnology and Precision Farming	2	1	3	4
3	Farm Machinery and Power	2	1	3	4
Elective-III	Subject Name				
1	Operations Research	2	1	3	4
2	Crop Simulation Models	2	1	3	4
3	Agricultural Marketing, Trade and Prices	2	1	3	4
Elective-IV	Subject Name				
1	Protected Cultivation and Green Technology	2	1	3	4
2	Bioinformatics Computing	2	1	3	4

Item No. 5.3

Sub.: Regarding eligibility criteria for admission to M. Tech. (AIT)

College of Agricultural Information Technology started in 2009 for the degree course of B. Tech (AIT). After completion of first batch, the College has introduced two years Master Programme leading to M. Tech. (AIT) from year 2013-14 vide resolution passed in 32nd meeting of Academic council; agenda Item No. 32.17 (copy enclosed). At present, as per eligibility criteria for admission to M. Tech. (AIT) vide resolution passed in 42nd meeting of Academic council; agenda Item No. 42.9 (copy enclosed), the graduates of B.Tech.(AIT) , B.Tech. (Agril. Engg.), BE/B.Tech.(Computer Engineering / Computer Science and Engineering/Computer Science /IT / ICT) are considered as eligible candidates from the academic year 2015–16. The total numbers of seats for M. Tech. (AIT) are only six. So, it is felt that preference should be given to the B.Tech. (AIT), B.Tech. (Agril. Engg.), B.Tech. (FPT) and B.Tech. (DT) graduates for admission to M. Tech. (AIT).

The honorable members of the Board of Studies of Faculty of Agricultural Information Technology may discuss the matter and approve the same.

Proposed Resolution:

"It is resolved that the graduates of B.Tech.(AIT), B.Tech. (Agril. Engg.), B.Tech. (FPT) and B.Tech. (DT) will be considered as eligible candidates for admission to M. Tech. (AIT) from the academic year 2021-22 and recommended to Faculty of Agricultural Information Technology for approval."

Read: Resolution of 32nd meeting of the Academic Council held on 14-02-2013, Anand Agricultural University, Anand vide Item No. 32.17 has resolved as under

<u>Approval of Post Graduate Programme M.Tech.(AIT) under the Faculty of Agricultural Information Technology</u>

NOTIFICATION

It is hereby notified to all concerned that vide Item No. 32.17 of the 32nd meeting held on 14-02-2013, the Academic Council of the Anand Agricultural University, has resolved as under.

"The Academic Council resolved and approved academic regulations and syllabus for post graduate programme M.Tech.(AIT) to be started from the academic year 2013-14 as per Appendix – A"

No. AAU/AIT/ACD/ 1235-44 /2013

Date:06/03/2013

(Y. R. Ghodasara)

PRINCIPAL & DEAN

<u>Copy F.W.Cs. to:</u>

1. All Members of Academic Council of this University.
2. All Officers of this University.
3. All Deans and Principals, AAU, Anand

<u>Copy to:</u>

1. P.S. to Vice-Chancellor, Anand Agricultural University, Anand.
2. P.A. to Registrar, Anand Agricultural University, Anand.
3. Office of Registrar (Examination), Legal and Academic Branch(10 Copies).
4. Academic File

COLLEGE OF AGRICULTURAL INFORMATION TECHNOLOGY
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Dr. D.R. Kathiriya
Principal & Dean

Tel: +91-2692-263123
deanait@aau.in

Read: Resolution of 42nd meeting of the Academic Council held on 06-06-2016, Anand Agricultural University, Anand vide Item No. 42.9 has resolved as under

Eligibility criteria for admission to M. Tech. (AIT)

NOTIFICATION

It is hereby notified to all concerned that vide Item No. 42.9 of the 42nd meeting held on 06-06-2016, the Academic Council of the Anand Agricultural University, has resolved as under.

"It is resolved that the graduates of BE/B.Tech. (Computer Engineering), BE/B.Tech. (Information Technology), BE/B.Tech. (Computer Science and Engineering), BE/ B.Tech. (Information & Communication Technology) will be considered as eligible candidates for the vacant seats of M. Tech (AIT) after giving preference to the B.Tech. (AIT) and B.Tech. (Agril. Engg.) graduates from the academic year 2016–17 ".

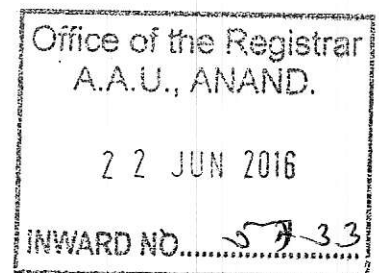No. AAU/AIT/ACD/358-64 /2016

Date: 18/06/2016

PRINCIPAL & DEAN

Copy F.W.Cs. to:

1. All Members of Academic Council of this University.
2. All Officers of this University.
3. All Deans and Principals, AAU, Anand

Copy to:

1. P.S. to Vice-Chancellor, Anand Agricultural University, Anand.
2. P.A. to Registrar, Anand Agricultural University, Anand.
3. Office of Registrar (Examination), Legal and Academic Branch(10 Copies).
4. Academic File

Item No. 5.4

Sub.: Inclusion of M. Tech. (AIT) program in PG prospectus for academic year 2021–22

      College of Agricultural Information Technology was established in the year 2009 under the aegis of Anand Agricultural University. The CAIT offers four years B.Tech. (AIT) and two year M.Tech (AIT) programs. The master degree program is not offered anywhere in India except by Anand Agricultural University. The college aims to cater to the upcoming demands of the Agrarian Economy by generation of a young workforce skilled with knowhow of future ready Information and Communication Technology and imparting the same in Agricultural sector. The college has trained teaching faculty with a balanced blend of well-experienced seniors and energetic youth focused towards teaching and research. So, it is felt that M.Tech (AIT) program should be included in PG prospectus for academic year 2021–22.

      The honorable members of the Board of Studies of Faculty of Agricultural Information Technology may discuss the matter and approve the same.

Proposed Resolution:

      "It is resolved that M.Tech (AIT) program will be included in PG Prospectus for academic year 2021–22 and recommended to Faculty of Agricultural Information Technology for approval."

PSAODR-52
27/05/19

કોલેજ ઓફ એ.આઇ.ટી.
આ.કૃ.યુ., આણંદ
તા.૨૩/૦૫/૨૦૧૯

નોંધ:-

સાદર રજુ,

**વિષય – M. Tech. (AIT) માં હાલ પુરતી પ્રવેશની કાર્યવાહી
બંધ રાખવા બાબત..**

સવિનય ઉપરોક્ત વિષય અન્વયે જણાવવાનું કે, અત્રેની કોલેજ
ઓફ એગ્રીકલ્ચરલ ઇન્ફોર્મેશન ટેક્નોલોજિ, આણંદ કૃષિ યુનિવર્સિટી, આણંદ
ખાતે ચાલતા અભ્યાસક્રમ પૈકી અનુસ્નાતક કક્ષાએ M. Tech. (AIT)
ડીગ્રીમાં છેલ્લા ઘણા વર્ષોથી પ્રવેશ માટે ખૂબ જ ઓછી અરજીઓ આવે છે,
અને કોઇ પણ વિદ્યાર્થીઓએ પ્રવેશ મેળવેલ નથી. વર્ષ ૨૦૧૮-૧૯ માં
ફક્ત એક વિદ્યાર્થીએ સદરહુ ડીગ્રીમાં પ્રવેશ મેળવેલ હતો અને તેણે પણ
થોડા સમય બાદ અત્રેથી પ્રવેશ રદ કરાવેલ છે.

વધુમાં અત્રેની કોલેજને આઇ.સી.એ.આર. (Accreditation)
'A' માન્યતા પણ મળેલ નથી. તો આઇ.સી.એ.આર. (Accreditation)
માન્યતા ન મળે ત્યાં સુધી M. Tech. (AIT) ડીગ્રીમાં એડમીશનની
કાર્યવાહી બંધ રાખવા વિનંતી.

આચાર્ય

મારફત:-
'A' સાથે સંમત છું
Dr. ફગાઉ 27/5/19

સંશોધન નિયામકશ્રી અને
અનુસ્નાતક વિદ્યાશાખાધ્યક્ષશ્રી

-'A' અંગે મંજૂરી અર્થે સાદર રજુ અને
ખાલ રેગાનો આ પ્રમાણેનો સૂચવાલો અનુસ્નાતક
તથ્યના ની ખાલની પુસ્તીકામાં દરાવીએ એજ ના.કુ.યુ.ને
ખેલ જાણ કરીએ. આ.ખ.ખા આણંદ અર્થે સાદર રજુ

કુલસચિવશ્રી

Agreed, do the needful.
@Patel 28/5/19
ખાન. કુલપતિશ્રી) 28/5/19