



**GITAM : GANDHI INSTITUTE OF TECHNOLOGY AND ANAGEMENT**  
(Deemed to be University u/s 3 of the UGC Act, 1956)  
**A Category - I Deemed to be University**  
**Visakhapatnam | Hyderabad | Bengaluru**

**ACADEMIC YEAR: 2017-18**

**Analysis on Students Feedback: Action Taken Report**

Feedbacks were received from students viz. Online feedback survey for the 2017-18. More than 90% of the students were satisfied towards attainment of program outcomes, teaching-learning process & flexibility on curriculum.

The most appropriate points from the feedback are considered for further action

- Introduce new interdisciplinary electives / electives in Architecture , Engineering , Management
- Addition of Skill enhancement courses
- Initiate New collaborative programmes

**Action Taken**

- Introduced new interdisciplinary electives Architecture, Engineering, Management (BOS Minutes & AC Minutes)
- Open electives were introduced in Engineering programmes (BOS minutes)
- New collaborative programmes are initiated in M.Tech programmes (page No 5)

**Changes and modifications are highlighted in BOS minutes & 15<sup>th</sup> AC Minutes dated 28.04.2018**

*Radhika*  
**Director (Academic Affairs)**

**DIRECTOR**  
Directorate of Academic Affairs  
Gandhi Institute of Technology and Management (GITAM)  
(Deemed to be University)  
VISAKHAPATNAM-530 045

**MINUTES OF THE 15<sup>th</sup> MEETING OF THE ACADEMIC COUNCIL HELD AT 10.30 A.M. ON 28<sup>th</sup> APRIL, 2018 IN ACADEMIC COUNCIL HALL, FIRST FLOOR, CAO, GANDHINAGAR CAMPUS, RUSHIKONDA, VISAKHAPATNAM.**

**Members Present**

1.	Prof. M.S. Prasada Rao, Vice-Chancellor	.....	Chairman
2.	Prof. K. Siva Rama Krishna, Pro Vice-Chancellor, VSP	.....	Member
3.	Prof. P. V. Sivapullaiah, Pro Vice-Chancellor, BLR	.....	Member
4.	Prof. K. Lakshmi Prasad, Principal, GIT	.....	Member
5.	Prof. K. Aruna Lakshmi, Principal, GIS	.....	Member
6.	Prof. P. Sheela, Principal, GIM	.....	Member
7.	Prof. R. Venkateswarlu, Associate Dean, GSIB	.....	Member
8.	Prof. S. Ganapaty, Principal, GIP	.....	Member
9.	Prof. K. Mohan, Director, GSoA	.....	Member
10.	Prof. Y. Satyanarayana, Director, GSoL	.....	Member
11.	Prof. S.P. Rao, Principal, GIMSR	.....	Member
12.	Prof. S. Kanaka Lakshmi, Principal, GSoN	.....	Member
13.	Prof. Shaik Khasim Beebi, Dept. of Biotechnology	.....	Member
14.	Prof. K.V. Ramesh, Dept. of Civil Engineering	.....	Member
15.	Prof. K. Thammi Reddy, Dept. of CSE	.....	Member
16.	Prof. P.V.Y.Jayasree, Dept. of ECE	.....	Member
17.	Prof. D. Elizabeth Rani, Dept. of EIE	.....	Member
18.	Prof. Y. Srinivas, Dept. of IT	.....	Member
19.	Prof. M. R.S. Satyanarayana, Dept. of Mech. Engg.	.....	Member
20.	Prof. B. Surendra Babu, Dept. of IE	.....	Member
21.	Dr. K.S.R. Murthy, Dept. of Engg. Phy.	.....	Member
22.	Prof. G.V.R.Sarma, Dept. of Engg. Chem.	.....	Member
23.	Prof. V. Sitaramaiah, Dept. of Engg. Maths	.....	Member
24.	Prof. C. Pradgna, Dept. of English	.....	Member
25.	Prof. N. Ravi Sankar, Dept. of Applied Mathematics	.....	Member
26.	Prof. M. Rama Rao, Dept. of Biochemistry /Bioinformatics	.....	Member
27.	Dr. M. Anitha, Dept. of Biotechnology	.....	Member
28.	Prof. Anima S Dadhich, Dept. of Chemistry	.....	Member

29.	Prof. V. Naga Lakshmi, Dept. of Comp. Science	.....	Member
30.	Prof. YAVASN Maruthi, Dept. of Env. Studies	.....	Member
31.	Prof. R. Gyana Prasuna, Dept. of Microbiology	.....	Member
32.	Dr. K. Manjusree Naidu, Dept. of Entrepreneurship	.....	Member
33.	Prof. B.S.P. Narayana, Dept. of Operations	.....	Member
34.	Dr. M.S.V. Prasad, Dept. of Finance	.....	Member
35.	Prof. K. Ashok, Dept. of HRM	.....	Member
36.	Prof. Krishna Kumar Narayanan, Joint Director, GSIB	.....	Member
37.	Dr. B. Nalini, Director, In-charge, SGS	.....	Member
38.	Dr. N. Deepa Mohan, Dept. of Applied Psychology	.....	Member
39.	Prof. N.V. Swamy Naidu, Dept. of AE, Hyd.	.....	Member
40.	Prof. B. S. R. K. Prasad, Dept. of Civil, Hyd.	.....	Member
41.	Prof. S. Phani Kumar, Dept. of CSE, Hyd.	.....	Member
42.	Prof. M. Akka Lakshmi, Dept. of IT, Hyd.	.....	Member
43.	Prof. Punna Eshwaraiah, Dept. of ME, Hyd.	.....	Member
44.	Prof. Y. Prabhavati, Dept. of English, Hyd.	.....	Member
45.	Dr. A Himabindu, Anatomy, GIMSR	.....	Member
46.	Dr. G. Subbarao, Physiology, GIMSR	.....	Member
47.	Dr. D S S. Girijavani, Biochemistry, GIMSR	.....	Member
48.	Dr. B. Ramesh, Pharmacology, GIMSR	.....	Member
49.	Dr. K V Murali Mohan, Pathology, GIMSR	.....	Member
50.	Dr. P. Hema Prakash Kumari, Microbiology, GIMSR	.....	Member
51.	Dr. T. V. Naga Raja, Forensic Medicine, GIMSR	.....	Member
52.	Dr. Y.V.Haris Chandra, Pediatrics, GIMSR	.....	Member
53.	Dr. Farzana (I/C), Dermatology, GIMSR	.....	Member
54.	Dr. Ravneet Kaur, Psychiatry, GIMSR	.....	Member
55.	Dr. Vishal Amar Anand, Orthopedics, GIMSR	.....	Member
56.	Dr. P J Sudhakar, ENT, GIMSR	.....	Member
57.	Dr. P. Veena, Ophthalmology, GIMSR	.....	Member
58.	Dr. Syama Prasad, Medical Superintendent, GIMSR	.....	Member
59.	Dr. B K Durga Prasad, Radio-Diagnosis, GIMSR	.....	Member
60.	Dr. T. Radha, Obstetrics and Gynaecology, GIMSR	.....	Member
61.	Prof. Ch. Rama Krishna, Director, UGC Affairs & Research Activities	.....	Member

62.	Prof. T. Srinivas, Director, CDL	.....	Member
63.	Prof. Ch. Sanjay, Principal, SoT, Hyd.	.....	Member
64.	Prof. G. A. Rama Rao, Principal, SoS, Hyd.	.....	Member
65.	Prof. Y. Lakshman Kumar, Director, HBS, Hyd.	.....	Member
66.	Prof. G. Shiva Kumar, Principal, SoP, Hyd.	.....	Member
67.	Prof. G. Sunil Kumar, Director, SoA, Hyd.	.....	Member
68.	Prof. Vijaya Bhaskar Raju, Director, SoT, Bengaluru	.....	Member
69.	Prof. K. Ramakrishna, Dept. of Chemistry, GIS	.....	Member
70.	Dr Uma Sankar Basina, GSoA	.....	Member
71.	Dr. S. Eswara Rao, Controller of Examinations	.....	Member
72.	Dr. G. Sowjanya, GIP	.....	Member
73.	Prof. A.Sridharan Former, Deputy Director, IISC, Bengaluru	.....	Member
74.	Prof. R.K. Kale, School of Life Sciences, JNU, New Delhi	.....	Member
75.	Dr. S.R. Rao Department of Biotechnology, Ministry of Science & Technology, New Delhi	.....	Member
76.	Dr. K.J. Ramesh Director-General of India Meteorological Department (IMD), Ministry of Earth Sciences, Govt. of India, New Delhi	.....	Member
77.	Dr. S. Vijaya Kumar Vijay Nirman Company Pvt. Ltd., Visakhapatnam	.....	Member
78.	Prof. K.M.Ch.Apparao, Director	.....	Member
79.	Prof. M. Potharaju	.....	Ex-officio Secretary

Leave of absence is granted to Prof. N. Siva Prasad, Pro Vice-Chancellor, HYD, Prof. GVKR Sastry, Dept. of EEE, Prof. G.V. Swamy, Dept. of Electronics and Physics, Prof. M. Jyothsna, Dept. of Marketing, Prof. K. Manjunathachary, Dept. of ECE, Hyd., Prof. T. Nageswara Rao, Dept. of ME, BLR, Prof. S. Ruckmangathan, Dept. of ECE, BLR, Prof. P.C. Pandey, Dept. of CE, BLR, Prof. S.H. Brahmananda, Dept. of CSE, BLR, Dr. Sanjeev Kumar Bholanad Thakur, Community Medicine, GIMSR, Dr. M Appa Rao, General Medicine, GIMSR, Dr. K. Venkateswara Rao, Tuberculosis & Respiratory Diseases, GIMSR, Dr. N Dwarakanath, General surgery, GIMSR, Dr. D. Vijay Kumar Rao, Anesthesiology, GIMSR, Prof. M.V. Rama Prasad, Director, BSMS, Bengaluru, Dr. G. Srinivasa Rao, Dept. of IT, GIT, Prof. Raj Kumar, Faculty of Management, BHU, Varanasi.

At the outset, the Chairman has extended a warm welcome to all Members of the Academic Council.

The role of BoS Chairpersons in formulating syllabi has been stressed by the Hon'ble Chairman.

The Hon'ble Chairman also informed that the Management would encourage introduction of new programmes that are demand driven.

The agenda was then taken up.

## MINUTES

### **ITEM -1 : Confirmation of the Minutes of the 14<sup>th</sup> meeting of the Academic Council held on 15-04-2017**

The Minutes of the 14<sup>th</sup> meeting of the Academic Council held on 15-04-2017 are confirmed.

### **ITEM -2 : Action Taken Report on the resolutions of the 14<sup>th</sup> meeting of the Academic Council held on 15-04-2017**

The Action Taken Report on the resolutions of the 14<sup>th</sup> meeting of the Academic Council is noted by the Members.

## FACULTY OF ENGINEERING

### **ITEM -3 : Introduction of New Collaborative programme - M.Tech. - Electronics Design & Technology**

**Prof. P.V.Y. Jayasree:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the regulations and syllabi under Choice Based Credit System for M.Tech. "Electronics Design & Technology", effective from 2018-19 admitted batch as recommended by the BoS in Electronics and Communication Engineering be approved.

Seconded by Prof. C. Dharma Raj.

The motion was put to the meeting and declared *Carried*.

### **ITEM -4 : Minor changes in courses of B.Tech. Computer Science & Engineering Programme**

**Prof. K. Thammi Reddy:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the minor changes in the following courses of B.Tech. Computer Science & Engineering programme, effective from 2016-17 admitted batch as recommended by the BoS in Computer Science & Engineering be approved.

S.No.	Name of the Course	Recommended change
1	EID356 : Data Mining and Data Warehousing (Common with IT)	Minor revision in syllabus
2	ECS302 : Artificial Intelligence	

Seconded by Prof. Y. Srinivas.

The motion was put to the meeting and declared *Carried*.

#### **ITEM -5 : Introduction of new Interdisciplinary Elective**

**Prof. Shaik Khasim Beebi:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the following Interdisciplinary Elective for B.Tech. Computer Science & Engineering and B.Tech. Information Technology, effective from 2016-17 admitted batch as recommended by the BoS in Biotechnology be approved.

S.No.	Name of the Course
1	EBT 342 : Bioinformatics

Seconded by Prof. S. Ganapaty.

The motion was put to the meeting and declared *Carried*.

#### **ITEM -6 : Introduction of Certificate Courses by Department of Computer Science & Engineering**

**Prof. K. Thammi Reddy:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the regulations and syllabi for the following certificate courses, effective from 2018-19 admitted batch as recommended by the BoS in Computer Science & Engineering be approved.

S.No.	Name of the Certificate Course
1	Data Science & Big Data Analytics
2	Cyber Security
3	Red Hat Linux
4	Android Programming

Seconded by Prof. C. Dharma Raj.

The motion was put to the meeting and declared *Carried*.

## **FACULTY OF SCIENCE**

#### **ITEM -7 : Regulations and Syllabi of B.Sc. (Biochemistry, Bioinformatics, Chemistry)**

**Prof. M. Rama Rao:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the regulations and syllabi of B.Sc. (Biochemistry, Bioinformatics, Chemistry) programme, effective from 2017-18 admitted batch approved by the Vice-chancellor be ratified.

The motion was put to the meeting and after due deliberations the Council resolved to ratify the decision taken by the Vice-Chancellor.

**ITEM -8 : Regulations and Syllabi of B.Sc. (Biochemistry, Microbiology, Bioinformatics)**

**Prof. M. Rama Rao:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the regulations and syllabi of B.Sc. (Biochemistry, Microbiology, Bioinformatics) programme, effective from 2017-18 admitted batch approved by the Vice-chancellor be ratified.

The motion was put to the meeting and after due deliberations the Council resolved to ratify the decision taken by the Vice-Chancellor.

**ITEM -9 : Introduction of New programme - B.Sc. (Biotechnology, Chemistry, Microbiology)**

**Dr. M.Anitha:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the regulations and syllabi under Choice Based Credit System for B.Sc. (Biotechnology, Chemistry, Microbiology), effective from 2018-19 admitted batch as recommended by the BoS in Biotechnology be approved.

The motion was put to the meeting and after due deliberations the Council resolved to authorize Vice-Chancellor to take further necessary action.

**ITEM -10 : Introduction of New programme - B.Sc. (Mathematics, Electronics, Computer Science)**

**Prof. K. Aruna Lakshmi:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the regulations and syllabi under Choice Based Credit System for B.Sc. (Mathematics, Electronics, Computer Science), effective from 2018-19 admitted batch as recommended by the BoS in Electronics and Physics be approved.

Seconded by Prof. G.A. Rama Rao.

The motion was put to the meeting and declared *Carried*.

**ITEM -11 : Minor changes in courses of M.Sc. Physics programme**

**Prof. K. Aruna Lakshmi:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the minor changes in the following courses of M.Sc. Physics programme, effective from 2017-18 admitted batch as recommended by the BoS in Electronics and Physics be approved.

S.No.	Name of the Course	Recommended change
1	SPH 803: Nuclear Physics	Minor revision in syllabus
2	SPH 802: Condensed Matter Physics	Shifting the course from Program Core to Program Elective - SPH

		854: Condensed Matter Physics
3	SPH 854:Material Characterization Techniques	Shifting the course from Program Elective to Program Core - SPH 802 : Material Characterization Techniques

Seconded by Prof. V. Naga Lakshmi.

The motion was put to the meeting and declared *Carried*.

#### **ITEM -12 : Introduction of New programme - B.Sc.(H) Food Technology**

**Prof. R. Gyana Prasuna:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the regulations and syllabi under Choice Based Credit System for B.Sc.(H) Food Technology, effective from 2018-19 admitted batch as recommended by the BoS in Microbiology be approved.

Seconded by Dr. M. Anitha.

The motion was put to the meeting and declared *Carried*.

### **FACULTY OF MANAGEMENT**

#### **ITEM -13 : Minor changes in courses of MBA, MBA (CMU) and MBA (HR) Programmes**

**Prof. P. Sheela:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the minor changes in the following courses of MBA, MBA (CMU) and MBA (HR) programmes, effective from 2018-19 admitted batch as recommended by the Joint BoS in Management be approved.

S.No.	Name of the Course	Trimester	Recommended change
1	MMH 712: Financial Management	III	Minor revision in syllabus
2	MFM 847: Financial Derivatives	IV	
3	MMM 845: Services Marketing	V	
4	MMM 851: Customer Relationship Management	V	
5	MMH 704: Business Environment	I	
6	MMH 711: Ethics and Value in Business	II	
7	MMH 801: Strategic Management	IV	



8	MFM 847: Management of Banks and Financial Institutions	V	Change in course title - MFM 847 Retail Bank Management
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Seconded by Dr. M.S.V. Prasad.

The motion was put to the meeting and declared *Carried*.

**ITEM -14 : Minor changes in courses of MBA (Fintech) Programme**

**Prof. P. Sheela:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the minor changes in the following courses of MBA (Fintech) programme, effective from 2018-19 admitted batch as recommended by the Joint BoS in Management be approved.

S.No.	Name of the Course	Trimester	Recommended change
1	MFT 702: Financial Statement Analysis	II	Change in course title - MFT 702: Financial Management
2	MFT 708: Investments and Capital Markets	II	Change in course title - MFT 708: Investments Analysis
3	MFT 715: Business Start Ups and Entrepreneurship	III	Change in course title - MFT 715: Entrepreneurship
4	MFT 812: Ethics in Business	VI	Change in course title - MFT 812: Corporate Governance and ethics
5	MFT 703: Marketing Management	III	Minor revision in syllabus
6	MFT 810: Macro Economics	IV	

Seconded by Prof. B.S.P. Narayana.

The motion was put to the meeting and declared *Carried*.

**ITEM -15 : Introduction of New Contemporary courses for MBA, MBA (CMU) and MBA (HR) Programmes**

**Prof. P. Sheela:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the introduction of the following New Contemporary courses in place of existing courses (VI trimester) for MBA, MBA (CMU) and MBA (HR) programmes, effective from 2018-19 admitted batch as recommended by the Joint BoS in Management be approved.

S.No.	Existing Course	New Course
1	MMH 850: Personal Tax	MMH 857: Alternative

	Planning	Investments
2	MMH 851: Stock Market Operations	MMH 858: Financial Analytics
3	MMH 853: IT Law	MMH 859: HR in Knowledge Management
4	MMH 843: Managing NGOs	MMH 860: Behavioural Economics
5	MMH 848: Managing Small and Medium Enterprises	MMH 861: Technological Entrepreneurship

Seconded by Prof. K. Ashok.

The motion was put to the meeting and declared *Carried*.

**ITEM -16 : Minor changes in Contemporary courses of MBA, MBA (CMU) and MBA (HR) Programmes**

**Prof. P. Sheela:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the minor changes in the following Contemporary courses of MBA, MBA (CMU) and MBA (HR) programmes, effective from 2018-19 admitted batch as recommended by the Joint BoS in Management be approved.

S.No.	Name of the Course	Recommended change
1	MMH 856: HR Analytics	Revision in syllabus & Change in course title - MMH 856: HR Metrics
2	MMH 841: CSR & Sustainable Development	Minor revision in syllabus
3	MMH 847: Intellectual Property Rights	Change in course title - MMH 847: Intellectual Property Systems

Seconded by Dr. M.S.V. Prasad.

The motion was put to the meeting and declared *Carried*.

**ITEM -17 : Minor changes in courses of B. Com (Hons.) Programme - 2016-17 admitted batch**

**Prof. P. Sheela:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the minor changes in the following courses (V semester) for B.Com (Hons.) programme, effective from 2016-17 admitted batch as recommended by the Joint BoS in Management be approved.

S.No.	Name of the Course	Recommended change
1	MBC 301: Insurance Management	Removal of the course
2	MBC 309: Business Analysis	
3	MBC 311: Strategic Business	Addition of new course

	Leader -1	
4	MBC 313: Strategic Business Leader -2	
5	MBC 307: Corporate Reporting	Change in course title - MBC 307: Strategic Business Reporting

Seconded by Dr. M.S.V. Prasad.

The motion was put to the meeting and declared *Carried*.

**ITEM -18 : Minor changes in courses of B. Com (Hons.) Programme - 2017-18 admitted batch**

**Prof. P. Sheela:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the minor changes in the following courses of IV semester for B.Com (Hons.) programme, effective from 2017-18 admitted batch as recommended by the Joint BoS in Management be approved.

S.No.	Name of the Course	Recommended change
1	MBC 206: Governance, Risk and Ethics	Removal of the course
2	MBC 208: Indirect Taxation	Addition of new course

Seconded by Dr. K. Manjusree Naidu.

The motion was put to the meeting and declared *Carried*.

**ITEM -19 : Introduction of Business Analytics Specialization courses - MBA and MBA (CMU) Programmes**

**Prof. P. Sheela:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the introduction of the following Business Analytics specialization courses for MBA and MBA (CMU) programmes, effective from 2018-19 admitted batch as recommended by the Joint BoS in Management be approved.

S.No.	Name of the Course	Trimester
1	MBA 841:Data Science with R	IV
2	MBA 844:Data Visualization with Tableau and Power BI	
3	MBA 847:DBMS and Data Warehousing	
4	MBA 850:Marketing Analytics	
5	MBA 853:HR Analytics	
6	MBA 842:Data Science with Python	V
7	MBA 845:Big Data Analytics with Hadoop	
8	MBA 848:Data Mining for Analytics	
9	MBA 851:Financial Analytics	

10	MBA 854:Web Analytics	
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Seconded by Prof. B.S.P. Narayana.

The motion was put to the meeting and declared *Carried*.

**ITEM -20 : Minor changes in courses of BBA (Business Analytics) Programme**

**Prof. P. Sheela:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the minor changes in the following courses of BBA (Business Analytics) programme, effective from 2017-18 admitted batch as recommended by the Joint BoS in Management be approved.

S.No.	Name of the Course	Trimester	Recommended change
1	MAN 222: Introduction to R	IV	Minor revision in syllabus
2	MAN 322: Big Data Analytics	VI	

Seconded by Prof. B.S.P. Narayana.

The motion was put to the meeting and declared *Carried*.

**ITEM -21 : Minor changes in courses of BBA Programme**

**Prof. P. Sheela:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the minor changes in the following courses of BBA programme, effective from 2018-19 admitted batch as recommended by the Joint BoS in Management be approved.

S.No.	Name of the Course	Recommended change
1	MBA 342: Customer Relationship Management	Minor revision in syllabus
2	MBA 341: Consumer Behaviour	
3	MBA 302: Government Support and Financial Aspects of Entrepreneurship	Change in course title - MBA 302: Contemporary Business Models
4	MBA 106: Creativity and Innovation	Change in course title - MBA 106: Innovation by Design

Seconded by Dr. K. Manjusree Naidu.

The motion was put to the meeting and declared *Carried*.

**ITEM -22 : Introduction of new Open Electives in Faculty of Management**

**Prof. P. Sheela:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move the addition of following Open Electives, effective from 2018-19 academic year as recommended by the Joint BoS in Management be approved.

S.No.	Open Elective
1	MOE 217: Consumer Affairs
2	MOE 204 : Leadership

Seconded by Prof. K. Ashok.

The motion was put to the meeting and declared *Carried*.

## HYDERABAD BUSINESS SCHOOL

### ITEM -23 : Introduction of New programme - BBA (Financial Markets)

**Prof. Y. Lakshman Kumar:** Respected Vice-chancellor and Members of the Academic Council, please permit me to move that the regulations and syllabi under Choice Based Credit System for BBA (Financial Markets), effective from 2018-19 admitted batch as recommended by the BoS in Hyderabad Business School be approved.

The motion was put to the meeting and after due deliberations the Council resolved to authorize Vice-Chancellor to take further necessary action.

## FACULTY OF INTERNATIONAL BUSINESS

### ITEM -24 : Introduction of New Programme - MBA (Business Analytics)

**Prof. R.Venkateswarlu:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the regulations and syllabi for MBA (Business Analytics), effective from 2019-20 admitted batch as recommended by the BoS in International Business be approved.

The motion was put to the meeting and after due deliberations the Council resolved to authorize Vice-Chancellor to take further necessary action.

### ITEM -25 : Revision of Curriculum of MBA (IB, IBF & GLSCM) programmes

**Prof. R. Venkateswarlu:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the revised curriculum of MBA (IB, IBF & GLSCM) programmes, effective from 2018-19 admitted batch as recommended by the BoS in International Business be approved.

Seconded by Prof. Krishna Kumar Narayanan.

The motion was put to the meeting and declared *Carried*.

### ITEM -26 : Revision of Curriculum of Post Graduate Diploma in Business Analytics (PGDBA) programme

**Prof. R.Venkateswarlu:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the revised curriculum of PGDBA programme, effective from 2018-19 admitted batch as recommended by the BoS in International Business be approved.

Seconded by Prof. Krishna Kumar Narayanan.

The motion was put to the meeting and declared *Carried*.

## FACULTY OF PHARMACY

### ITEM -27 : Minor changes in courses of B.Pharmacy Programme

**Prof. S. Ganapaty:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the minor changes in the following courses of B.Pharmacy programme, effective from 2018-19 admitted batch as recommended by the BoS in Pharmacy be approved.

S.No.	Name of the Course	Recommended change
1	Pharmaceutical Organic Chemistry-II (Theory-BP 202T & Practical-BP 208P)	Shifting the course from II semester to I semester - Pharmaceutical Organic Chemistry-II (Theory-BP 102T & Practical-BP 108P)
2	Pharmaceutical Analysis (Theory-BP 102T & Practical-BP 108P)	Shifting the course from I semester to II semester - Pharmaceutical Analysis (Theory-BP 202T & Practical-BP 208P)
3	Physical Pharmaceutics-I (Theory-BP 302T & Practical-BP 306P)	Shifting the course from III semester to I semester - Physical Pharmaceutics-I (Theory-BP 103T & Practical-BP 109P)
4	Pharmaceutics (Theory-BP 103T & Practical-BP 109P)	Shifting the course from I semester to III semester - Pharmaceutics (Theory-BP 302T & Practical-BP 306P)
5	Human Anatomy & Physiology (Theory-BP 201T)	Minor revision in syllabus

Seconded by Prof. K. Aruna Lakshmi.

The motion was put to the meeting and declared *Carried*.

## FACULTY OF ARCHITECTURE

### ITEM -28 : Revision of Curriculum of B.Arch. Programme

**Prof. K. Mohan:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the revised curriculum of B.Arch. programme, effective from 2017-18 admitted batch as recommended by the

BoS in Architecture be approved.

Seconded by Ar. Kasi Krishna.

The motion was put to the meeting and declared *Carried*.

**ITEM -29 : Minor changes in courses of M.Arch. (Sustainable Architecture) Programme**

**Prof. K. Mohan:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the minor changes in the following courses of M.Arch. (Sustainable Architecture) programme, effective from 2018-19 admitted batch as recommended by the BoS in Architecture be approved.

S.No.	Name of the Course	Recommended change
1	AAR801 : Sustainable Development & Environmental Management	Minor revision in syllabus
2	AAR803: Sustainable and Green Building Design	
3	AAR805: Sustainable, Energy Efficient Building Materials & Technologies	
4	AAR807: Solar Passive Architecture	
5	AAR806: Performance Evaluation of Buildings	
6	AAR842: Tall Buildings	

Seconded by Ar. Kasi Krishna.

The motion was put to the meeting and declared *Carried*.

## FACULTY OF MEDICINE

**ITEM -30 : Regulations and Syllabi of III MBBS Part- I**

**Prof. S.P. Rao:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the regulations and syllabi of III MBBS Part- I programme, effective from 2015-16 admitted batch approved by the Vice-Chancellor be ratified.

Seconded by Prof. K. Aruna Lakshmi.

The motion was put to the meeting and declared *Carried*.

**ITEM -31 : Regulations and Syllabi of M.Sc. Nurse Practitioner in Critical Care (NPCC)**

**Prof. S. Kanaka Lakshmi:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the regulations and syllabi for M.Sc. Nurse Practitioner in Critical Care (NPCC) programme, effective

from 2017-18 admitted batch approved by the Vice-Chancellor be ratified.  
 Seconded by Prof. K. Aruna Lakshmi.  
 The motion was put to the meeting and declared *Carried*.

## FACULTY OF HUMANITIES & SOCIAL SCIENCES

### ITEM -32 : Minor changes in courses of M.A. Applied Psychology programme

**Dr. N. Deepa Mohan:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the minor changes in the following courses of M.A. Applied Psychology programme, effective from 2018-19 admitted batch as recommended by the BoS in Applied Psychology be approved.

S.No.	Name of the Course	Recommended change
1	GOE 748 : Environmental Management	Minor revision in syllabus
2	GAP 702 : Psychopathology	
3	GAP 842 : Cognitive Behavior Therapy	
4	GAP 853 : Stress Management	

Seconded by Dr. B. Nalini.

The motion was put to the meeting and declared *Carried*.

### ITEM -33 : Introduction of Certificate courses by Department of Applied Psychology

**Dr. N. Deepa Mohan:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the regulations and syllabi of the following Certificate Courses, effective from 2018-19 admitted batch as recommended by the BoS in Applied Psychology be approved.

S.No.	Name of the Certificate Course
1	Child Psychology
2	Counseling Psychology

Seconded by Dr. B. Nalini.

The motion was put to the meeting and declared *Carried*.

### ITEM -34 : Introduction of Health Psychology in M.Phil. as Course work

**Dr. B. Nalini:** Respected Vice-chancellor and Members of the Academic Council, please permit me to move that the syllabi for the proposed new M.Phil. as Course work "Health Psychology", effective from 2018-19 admitted batch as recommended by the BoS in Applied Psychology be approved

Seconded by Dr. N. Deepa Mohan.



The motion was put to the meeting and declared *Carried*.

**ITEM -35 : Approval of Scheme and Syllabi for Second year of M.A. English Language and Literature programme**

**Dr. B. Nalini:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the scheme and syllabi for Second year of M.A. English Language and Literature programme, effective from 2017- 18 admitted batch as recommended by the BoS in English be approved.

Seconded by Dr. N. Deepa Mohan.

The motion was put to the meeting and declared *Carried*.

**ITEM -36 : Revision of Curriculum for First Year of M.A. English Language and Literature programme**

**Dr. B. Nalini:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the revised curriculum for first year of M.A. English Language and Literature programme, effective from 2018-19 admitted batch as recommended by the BoS in English be approved.

The motion was withdrawn from the meeting.

**ITEM -37 : Revision of syllabi for Certificate Course in Gandhian Literature**

**Dr. B. Nalini:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the revised syllabi for Certificate Course in Gandhian Literature, effective from 2018-19 admitted batch as recommended by the BoS in English be approved.

Seconded by Dr. N. Deepa Mohan.

The motion was put to the meeting and declared *Carried*.

### **M.Phil./Ph.D. course work**

**ITEM -38 : Syllabi for M.Phil./Ph.D. course work**

**Prof. S. Ganapaty:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the syllabi for the following M.Phil./Ph.D. course work for different faculties, effective from 2018-19 admitted batch as recommended by concerned BoS and IRCs be approved.

Faculty of Engineering		
Course	Name of the Course	Department
I	ERC 901: Research Methodology	All Branches
II	EBT 901: Industrial Biotechnology	Biotechnology
	EBT 902: Medical and	

	Pharmaceutical Biotechnology	
	EBT 903 : Agricultural Biotechnology	
	EBT 904 : Nanobiotechnology	
II	ECE 901: Advanced Structural Analysis	Civil Engineering
	ECE 902: Advanced Concrete technology	
	ECE 903: Surface water and ground water Hydrology	
	ECE 904: Traffic Engineering	
	ECE 905: Environmental Engineering	
	ECE 906: Geo-Environmental Engineering	
	ECE 907: Ground Improvement Techniques	
	ECE 908: Soil Dynamics and Machine foundations	
II	EID 901:Advanced DBMS	Computer Science & Engineering and Information Technology
	EID 902: Data Mining	
	EID 903: Web Mining	
	EID 904: Artificial Intelligence	
	EID 905: Neural Networks	
	EID 906: Introduction to Machine Learning	
	EID 907: Internet of Things	
	EID 908: Big Data Analytics	
	EID 909: Digital Image Processing	
	EID 910: Natural Language Processing	
	EID911: Information Retrieval System	
	EID 912: Computer Networks	
	EID 913: Adhoc and Sensor Networks	
	EID 914: Wireless Sensor Networks	
	EID 915: Advanced Computer Architecture	
	EID 916: Embedded Systems	

	EID 917: Cryptography and Network Security	
	EID 918: Algorithms in Bio-Informatics	
	EID 919: Cyber Security	
	EID 920: Web Services	
	EID 921: Service Oriented Architecture	
	EID 922: Programming Languages Pragmatics	
	EID 923: Advanced Data Structures	
	EID 924: Cloud Computing	
	EID 925: High Performance Computing	
	EID 926: Social Network Analysis	
	EID 927: Distributed Systems	
	EID 928: Cyber Forensics	
	EID 929: Object Oriented Software Engineering	
	EID 930: Software Engineering	
II	EEC 901: CMOS Digital VLSI Design	Electronics and Communication Engineering
	EEC 902: Analog VLSI Design	
	EEC 903: VLSI Digital Signal Processing	
	EEC 904: Advanced DSP Techniques	
	EEC 905: Image and Video Processing	
	EEC 906: Radar Signal Processing	
	EEC 907: Advanced Electromagnetics	
	EEC 908: Modern Antenna Design Techniques	
	EEC 909: RF Components and Circuit Design	
	EEC 910: MIMO OFDM Wireless Communications	
	EEC 911: Wireless Networks and Systems	

	EEC 912: Satellite Communications and GPS Systems	
	EEC 913: MEMS and Nanotechnology	
	EEC 914: Advanced Control Systems	
	EEC 915: Instrumentation System Design	
	EEC 916: Advanced process control and automation	
II	EEE 901: Power System Dynamics and Stability	Electrical and Electronics Engineering
II	EID 950:Mechanical Vibrations and Condition Monitoring	Mechanical Engineering and Industrial Engineering
	EID 951: Mechanics of Composite Materials	
	EID 952: Rapid Prototyping and Manufacturing	
	EID 953: Advanced Manufacturing Processes	
	EID 954: Advanced Heat & Mass Transfer	
	EID 955: Advanced Internal Combustion Engines	
	EID 956: Supply Chain Management	
	EID 957: Six Sigma And Quality Control	
	EID 958: Experimental Designs and Optimization	
Faculty of Science		
Course	Name of the Course	Department
I	SRM 901: Research Methodology	All Branches
II	SAM 901: Advanced topics in Fuzzy Set Theory & Fuzzy Logic	Applied Mathematics
	SAM 902: F Advanced topics in Fluid Dynamics	
	SAM 903: Advanced topics in Operations Research	
	SAM 904: Advanced topics in	

	Applied Group Theory	
	SAM 905: Advanced topics in Algebra	
	SBC 901: Advances in Cancer Biology	
	SBC 902: Studies on Clinical Research and Bioactive Principles	Biochemistry
	SBC 903: Medicinal Plants as Therapeutics	
	SBI 901: Advances in Bioinformatics	Bioinformatics
	SBT 901: Plant Biotechnology	
	SBT 902: Animal Biotechnology	
	SBT 903: Immunology & Medical Biotechnology	Biotechnology
	SBT 904: Industrial Biotechnology	
	SCY 901: Advanced topics in Analytical Chemistry	
	SCY 902: Advanced topics in Inorganic Chemistry	
	SCY 903: Advanced topics in Organic Chemistry	
	SCY 904: Advanced topics in Physical Chemistry	
	SCY 905: Advanced topics in Environmental Chemistry	Chemistry
	SCY 906: Advanced Instrumental Methods of Analysis	
	SCY 907: Advanced topics in Organic Spectroscopy	
	SCY 908: Advanced topics in Laboratory Techniques and numerical methods	
	SCS 901: Big Data	
	SCS 902: Cloud Computing	
	SCS 903: Cryptography & Network Security	Computer Science
	SCS 904: Data Mining	
	SCS 905: Digital Image Processing	
	SCS 906: Soft Computing	
	SPH 901: Photonics	Physics

	SPH 902: Solid State Physics	
	SPH 903: Nanophotonics and Raman spectroscopy	
	SPH 904: Theoretical Physics	
	SEL 901: Non-Destructive Testing and Evaluation of Materials	Electronics
	SEL 902: Biomedical Instrumentation	
	SES 901:Advanced Topics in Environmental Science	Environmental Studies
	SMB 901:Agricultural Microbiology	Microbiology
	SMB 902: Applied Microbiology	
	SMB 903: Medical Microbiology	
	SFT 901: Food Processing Technology	Food Science and Technology
	SFT 902: Food Microbiology	
	SFT 903: Nutrition and Therapeutics	
Faculty of Management		
Course	Name of the Course	Department
I	MRP 901 : Research Methodology	All Departments
II	MRP 941 : Advanced Financial Management	Finance
	MRP 942:Advanced General Management	Entrepreneurship
	MRP 943: Advanced Human Resources Management	HRM
	MRP 944: Advanced Marketing Management	Marketing
	MRP 945: Operations Management	Operations
Faculty of International Business		
Course	Name of the Course	Department
I	IBRC 901: Business Research Methods	All Subject Areas
II	SCM 902: Supply Chain Management	Specific to research area
	IMM 903: International marketing Management	
	ORM 904: Operations Research	
	IPR 905: Intellectual Property Rights	
	LAW 906: Labour Laws	
	IFM 907: International Finance and	

	Policy	
	ACC 908: Strategic Management Accounting	
	WTO 909: WTO and International Trade Law	
	IPM 910: Project Management	
	ETR 911: Entrepreneurship	
	HRM912: Human Resource Management	
	MKT 913: Social Media Promotion Online Consumer Behaviour	
	IBF 914: Banking and Finance	
Faculty of Pharmacy		
Course	Name of the Course	Department
I	RPH 101: Research Methodology	Pharmacy
II	RPH 140: Pharmaceutics	
	RPH 141: Pharmaceutical Chemistry	
	RPH 142: Pharmaceutical Analysis	
	RPH 143: Pharmacognosy & Phytochemistry	
	RPH 144: Pharmacology	
Faculty of Arts		
Course	Name of the Course	Department
I	HRP 901 : Research Methodology	All Departments
II	HRP 941 : Advances in Clinical Psychology	Applied Psychology
	HRP 942 : Advances in Cognitive Psychology	
	HRP 943 : Advances in Counseling Psychology	
	HRP 944 : Advanced Organizational Behavior	
	HRP 945: Advances in Yoga Psychology	
	HRP 946: Advanced Gandhian Thought and Practices	Humanities & Social Sciences

Seconded by Prof. K. Ramakrishna.

The motion was put to the meeting and declared *Carried*.

**ITEM -39 : Introduction of New programme – M.A. – English**

**Prof. Y. Prabhavati:** Respected Vice-chancellor and Members of the Academic Council, please permit me to move that the regulations and syllabi

under Choice Based Credit System for the proposed PG programme M.A. (English), effective from 2018-19 admitted batch as recommended by the Ad hoc BoS in M.A., Gandhi School of Humanities and Social Sciences, Hyderabad campus be approved.

Seconded by Prof. M. Akka Lakshmi.

The motion was put to the meeting and declared *Carried*.

**ITEM -40 : Introduction of New programme – B.A. – Mathematics, Economics and Statistics (MES)**

**Prof. Y. Prabhavati:** Respected Vice-chancellor and Members of the Academic Council, please permit me to move that the regulations and syllabi under Choice Based Credit System for the proposed UG programme B.A. (Mathematics, Economics and Statistics), effective from 2018-19 admitted batch as recommended by the Ad hoc BoS in B.A., Gandhi School of Humanities and Social Sciences, Hyderabad campus be approved.

The motion was put to the meeting and after due deliberations the Council resolved to authorize Vice-Chancellor to take further necessary action.

**ITEM -41 : Introduction of New programme – B.A. – English, Psychology and Political Science (EPP)**

**Prof. Y. Prabhavati:** Respected Vice-chancellor and Members of the Academic Council, please permit me to move that the regulations and syllabi under Choice Based Credit System for the proposed UG programme B.A. (English, Psychology and Political Science), effective from 2018-19 admitted batch as recommended by the Ad hoc BoS in B.A., Gandhi School of Humanities and Social Sciences, Hyderabad campus be approved.

Seconded by Prof. M. Akka Lakshmi.

The motion was put to the meeting and declared *Carried*.

**ITEM -42 : Revision of Curriculum of MBA Programme**

**Prof. Y. Lakshman Kumar:** Respected Vice-Chancellor and Members of the Academic Council, please permit me to move that the revised curriculum of MBA programme, effective from 2018-19 admitted batch as recommended by the BoS in Hyderabad Business School be approved.

Seconded by Prof. Ch. Sanjay.

The motion was put to the meeting and declared *Carried*.



**CHAIRMAN**





# SCHOOL OF ARCHITECTURE

## GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT (GITAM)

(declared as deemed-to-be-University u/s 3 of the UGC Act, 1956)

**Accredited by NAAC with 'A+' Grade**

Gandhinagar Campus, Rushikonda, Visakhapatnam-530 045, A.P., India

Telephone : 0891-2840 556 , Telefax : 0891-2502249

Email: [director\\_architecture@gitam.edu](mailto:director_architecture@gitam.edu)

### **MINUTES OF THE SEVENTH MEETING OF THE ARCHITECTURE BOARD OF STUDIES HELD ON**

**09/04/2018**

The seventh meeting of the Architecture Board of Studies (BoS) was conducted on 09/04/2018 from 10:30 AM in the Director's chamber of GSA Building, GITAM Visakhapatnam.

The following members were present for the meeting:

1.	Dr. K. Mohan	Director, GSA, Visakhapatnam	Chairperson
2.	Ar. Krishna Kasi	Dy. Director, Associate Professor, GSA	Member
3.	Ar. T. Subba Rao	Professor, GSA	Member
4.	Ar. B. Praveen Kumar	Associate Professor, GSA	Member
5.	Ar. M. A. Sudhakar Naidu	Assistant Professor, GSA	Member
6.	Ar. Ravindra Patnayaka	Assistant Professor, GSA	Member
7.	Ar. Sunil Kumar	Director, GSA Hyderabad	Member
8.	Ar. K. Srinivasa Rao	Practicing Architect, Visakhapatnam	External Member
9.	Ar. P. Shivaji Varma	Associate Professor, GSA	Special Invitee
10.	Dr. B. Uma Sankar	Associate Professor, GSA	Special Invitee
11.	Ar. Bandan Kumar Mishra	Associate Professor, GSA	Special Invitee
12.	Dr. K.V. Ramesh	HOD, Civil Eng. Dept., GITAM	Special Invitee
13.	Dr.M.Ramesh	Professor, Civil Eng. Dept., GITAM	Special Invitee

Note: Dr. S. S Chakradeo, HOD, Dept of Architecture, MIET, Gondia (External Member), could not attend the BoS meeting due to some unforeseen urgency. He will be apprised on the revisions made in the syllabus.

**Following points were discussed on B.Arch Syllabus & these revisions shall be effective from the admitted batch of 2017-18:**

1. The board resolved to revise the existing 1 year Practical training (IX & X sem) period to 1 Semester (IX sem) period as per the Council of Architecture (CoA) Guidelines. Accordingly, new courses are added. Courses & credits were reshuffled in VII, VIII, IX & X semesters.
2. Following are the list of new courses added to the curriculum:
  - I. Working Drawings II (AAR 421)
  - II. Architectural Design VI (AAR 408)
  - III. Sustainable Architecture (AAR442) as Programme Elective III

3. Advanced Construction and Materials (AAR 406) is made as core course, which was earlier a Program Elective III.
4. Water Supply & Sanitation Course is moved from V sem to IV sem, Mechanical & Electrical Services course is moved from VI Sem to V sem, Building Economics & Sociology Course is moved from IV Sem to VI Sem. This revision is done to introduce building services at the earlier semesters of the Curriculum.
5. Following are the list of courses where the course codes are revised.

Subject Name	Existing Sem	Existing Code	Revised Sem	Revised Code
Building Economics & Sociology	IV	AAR 204	VI	AAR 304
Water Supply & Sanitation	V	AAR 303	IV	AAR 204
Mechanical & Electrical Services	VI	AAR 304	V	AAR 303
Advanced Construction and Materials	VII	AAR 451	VIII	AAR 406

6. The board members expressed the opinion that for all the Architectural Design courses, National Building Code (NBC) shall be mandatorily added to the reference standards books. Board has also recommended to define course objectives clearly for each semester design course.
7. Board has requested Head of Civil engineering Department to review the “Surveying For Architects” course & suggested to add practical exercises in the existing theory syllabus.
8. CoA has circulated a mail to include Energy Conservation Building Code (ECBC) recommendations in certain courses of B.Arch. This was widely discussed in Board & suggested to include ECBC recommendations in pertinent courses.
9. Board has discussed on the Minor revisions in various courses related to Course objectives & outcomes, Syllabus Content, Assignments and Reference Books.  
Following are the list of courses:
  - I. ACE101- Engineering Mechanics
  - II. AAR 107- Architectural Drawing and Graphics-I
  - III. AAR 121- Sketching Workshop
  - IV. ACE 102- Strength Of Materials
  - V. AAR 108- Architectural Drawing and Graphics-II
  - VI. AAR110- Building Construction-I
  - VII. AAR201- Climatology in Architecture
  - VIII. AAR203- History of Western Architecture
  - IX. AAR204- Water Supply & Sanitation (code revised)
  - X. AAR208- Building Construction-III
  - XI. AAR301 - Architectural Acoustics
  - XII. AAR303- Mechanical & Electrical Services (code revised)
  - XIII. AAR305- History of Eastern Architecture - II
  - XIV. AAR311- Building Construction – IV

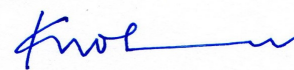
- XV. ACE302- Steel Structures
- XVI. AAR302- Estimating, Costing & Specifications
- XVII. AAR304 - Building Economics and Sociology (Code Revised)
- XVIII. AAR342 - Barrier Free Architecture
- XIX. AAR401- Advanced Structural Systems

**Following points were discussed on M.Arch (Sustainable Architecture) Syllabus & these revisions shall be effective from the academic year 2018-19:**

10. Board has discussed on the Minor revisions in various courses related to Course objectives & outcomes, Syllabus Content, Assignments.

Following are the list of courses:

- 1. AAR801- Sustainable Development & Environmental Management
- 2. AAR803- Sustainable and Green Building Design
- 3. AAR805- Sustainable, Energy Efficient Building Materials & Technologies
- 4. AAR807- Solar Passive Architecture
- 5. AAR806- Performance Evaluation of Buildings
- 6. AAR842- Tall Buildings



(Prof. K. Mohan)  
Director