



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

ACADEMIC YEAR: 2017-18
Employer Feedback: Action Taken Report

1. Feedback received from Employers were analysed and based on the feedback analysis report, the following views / suggestions / recommendations were considered for further action taken in the academic council
 - i. Inclusion of employability related courses
 - ii. Introduction of new laboratory courses
 - iii. New elective courses in the cutting edge areas

Action Taken :

2. Introduction of New programmes which satisfies industry needs (BOS minutes)
3. Introduction of New Collaborative programme - M.Tech. – Electronics Design & Technology towards employability (Page No. 5).
4. Introduction of New Contemporary courses for MBA, MBA (CMU) and MBA (HR) Programmes for enhance employability (page No.9, 10)
5. Introduction of Business Analytics Specialization courses - MBA and MBA (CMU) Programmes for employability (page no.11)
6. Revision of Curriculum of B.Arch. Programme towards employability (page no. 13)

Changes are highlighted in BOS & Minutes of the 15th meeting of Academic Council (dated 28.04.2018)


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 15th MEETING OF THE ACADEMIC COUNCIL HELD AT 10.30 A.M. ON 28th 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 14th meeting of the Academic Council held on 15-04-2017

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

ITEM -2 : Action Taken Report on the resolutions of the 14th meeting of the Academic Council held on 15-04-2017

The Action Taken Report on the resolutions of the 14th 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

Recd. on
24/4/18
7923
24/4/18

GITAM INSTITUTE OF SCIENCE
GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT (GITAM)
(Declared as Deemed to be University u/s 3 of the UGC Act, 1956)

24.4.2018

From
Prof. K. Aruna Lakshmi
Principal

To
The Director
Directorate of Academic Affairs
GITAM

Sir,

Sub: Submission of BoS minutes, syllabi and regulations of eight departments of GIS - reg

I am herewith enclosing the BoS minutes and 2 copies of M.Phil./Ph.D. course work papers of all the departments of the Institute of Science. In addition find enclosed 16 copies of syllabus including 3 copies of minor changes in M.Sc. Program of the following proposed programs to be placed for approval in the Academic Council.

Dept. of Biotechnology	- B.Sc. (Biotechnology, Microbiology, Chemistry) – 16 copies
Dept. of Electronics & Physics	- B.Sc.(Maths, Electronics, Computer Science) - 16 copies
Dept. of Microbiology & FST	- B.Sc. (Hons) Food Technology - 16 copies
Dept. of Biochemistry & Bioinformatics	- B.Sc. (Biochemistry, Bioinformatics and Chemistry) - to be ratified - 16 copies
Dept. of Biochemistry & Bioinformatics	- B.Sc. (Biochemistry, Microbiology and Bioinformatics)- to be ratified - 16 copies
Dept. of Electronics & Physics	- Minor changes in M.Sc. program – 3 copies

Regards

K. Aruna Lakshmi

(K.Aruna Lakshmi)
PRINCIPAL

GITAM Institute of Science

Gandhi Institute of Technology and Management (GITAM)

(Deemed to be University)

VISAKHAPATNAM-530 045

24/4/18

24/4/18

13/14
21/4/18

From :
Dr.N.Ravi Shankar
Professor & Head
Dept. of Applied Mathematics
Institute of Science
GITAM (Deemed to be University)

Date : 21-04-2018
Visakhapatnam

To
The Principal
Institute of Science
GITAM (Deemed to be University)

Respected Madam,

I am herewith submitting minutes of Board of studies in Applied Mathematics which is held on 07-4-2018.

Thanking you,

Yours Sincerely,

N. Ravi Shankar
21/4/18

HEAD
Department of Applied Mathematics
GITAM Institute of Science
Gandhi Institute of Technology and Management (GITAM)
(Deemed to be University)
Visakhapatnam-530045

**Minutes of the BoS meeting held on 7.4.2018 in the Dept. of Applied Mathematics, GIS,
GITAM (Deemed to be University), Visakhapatnam.**

Meeting of the Board of Studies (BoS) of M.Sc Applied Mathematics is held on April 7, 2018 in the chamber of the Head of the department (Room No. 515) at 10.30 a.m.

Members Present:

S.No.	Name of Faculty	Designation	Status
1	Dr.N.Ravi Shankar	Head, Dept. of Applied Mathematics	Chairperson
2	Dr.D.Venu Gopala Rao	Associate Professor	Member
3	Dr. Biswajit Rath	Assistant Professor	Member
4	Dr. S. Sreedhar	Assistant Professor	Member
5	Dr. M.A.Srinivas Dept. of Mathematics, JNTU-H, Hyderabad	Professor	External Member
6	Dr.V.Sugunamma Dept. of Mathematics, S.V. University	Professor	External Member

The following are the resolution & recommendations of the BOS

I .Introduction of New Programs

The Board of Studies of Applied Mathematics proposed to start M.Sc. "STATISTICS" program from the academic year 2019-2020.

Justification: There is tremendous focus on the analysis and restructuring the data generated through various sources. Software Industry is looking for the persons having knowledge in statistics and methods of applying statistical techniques dealing with the data in large scale. Hence, start of the program M.Sc. Statistics will cater the needs of the industry and academia.

The proposed program will focus not only on the theory of statistics but also on the

- a) Bayesian methods required for machine learning
- b) Data manipulation
- c) Data analysis with statistical tools
- d) Data communication and scaling of Big Data.

It is strongly supported by all the members of the BOS and the board place on record to start the program from the coming academic year 2019-20. The start of the program will definitely a significant move in the development of GITAM Institute of science because this program will help the present students of B.Sc. Physical Science and B.Sc. Mathematical Sciences to pursue their higher studies in GITAM .

II Introduction of Certificate courses

Board of Studies is not proposing to start any Certificate courses for the academic year 2018-2019.

III Introduction of new electives

The Board of studies reviewed the existing electives in the syllabus of M.Sc. Applied Mathematics and found that they are sufficient enough. No new elective is proposed for this academic year 2018-2019.

IV Revision of syllabus

The Board of Studies proposed the following with regard to M.Phil/ Pre- Ph.D.

There are two papers offered for M.Phil/ Pre-Ph.D students. Out of these two, one is on Research Methodology.

It is strongly recommended that in the syllabus of Research Methodology paper out of the five units three units must be common to all the programs and two units must be program specific. Having common syllabus for the entire five units in Research Methodology course is not advisable.

V. Any other matter

BOS suggested the name of the experts for paper setting / valuation in addition to the existing list.

N. Rao Shankar
(N.RAVI SHANKAR) 7/4/18

M.A.S. Srinivas
(M.A.S. SRINIVAS)

V. Suguna
(V.SUGUNAMMA)

D. Venu Gopala Rao
(D.VENU GOPALA RAO)

Biswajit Rath
(BISWAJIT RATH)

S. Sreedhar
(S. SREEDHAR)

13115
21/4/18

**DEPARTMENT OF BIOTECHNOLOGY
GITAM INSTITUTE OF SCIENCE
GITAM (Deemed to be University)**

From

Visakhapatnam
Dt: 21.04.2018

Dr. M. Anitha
Chairman - BOS
Dept. of Biotechnology
GITAM Institute of Science
GITAM.

To

The Principal
GIS, GITAM University.

Respected Madam,

Sub: Minutes of the BOS meeting held on 07.04.2018 - Regarding.

I wish to bring to your kind notice that the Board of studies meeting was held on 07.04.2018. I am herewith enclosing the minutes of the Board of studies meeting. Please kindly place the same in the forthcoming academic council meeting for the approval. This is for your kind information.

Thanking you,

Yours sincerely,

M. Anitha
(M. Anitha) 21/4/18.

DEPARTMENT OF BIOTECHNOLOGY
INSTITUTE OF SCIENCE, GITAM (Deemed to be University)
VISAKHAPATNAM – 530 045

Minutes of the Board of Studies meeting held on 07-04-2018 to discuss the following agenda:

Item 1. Introduction of new B.Sc. Program with the combination of three subjects namely., Biotechnology, Chemistry, Microbiology from the academic year 2018-19.

Item 2. Introduction of course papers I, II & III for M.Phil./ Ph.D. w.e.f 2018-19.

Members Present:

- | | | | |
|----|-----------------------------|---|-----------------|
| 1. | Dr. M. Anitha | - | Chairman |
| 2. | Prof. S. V. Rajagopal | - | Member |
| 3. | Dr. B. Veerendra Kumar | - | Member |
| 4. | Dr. P. Kiranmayi | - | Member |
| 5. | Dr. N. Sai Kishore | - | Member |
| 6. | Dr. Ch. Satyanarayana Swamy | - | Member |
| 7. | Prof. P. B. Seshagiri | - | External Member |
| 8. | Prof. N. Siva Kumar | - | External Member |

Resolutions:

1. The committee members envisaged the need for introducing B.Sc. program which has wider scope and career opportunities. The members resolved to introduce B.Sc. Program with the combination of three subjects namely., Biotechnology, Chemistry, Microbiology. The members resolved to approve the regulations, course structure and syllabus of new B.Sc. program prepared as per the choice based credit system (CBCS) of UGC from the academic year 2018-19.
2. The committee resolved to approve the syllabus of course papers I, II & III for M.Phil., / Ph.D. from the academic year 2018-19.

S.NO.	Course Code	Course Paper	Title of the Paper
01	SRM 901	Course-I	Research Methodology
02	SBT 901	Course-II	Plant Biotechnology
03	SBT 902	Course-II	Animal Biotechnology
04	SBT 903	Course-II	Immunology & Medical Biotechnology
05	SBT 904	Course-II	Industrial Biotechnology
06	SBT 999	Course-III	Comprehensive Viva-voce

3. The committee resolved to approve the list of paper setters and examiners for evaluation for all the academic programs of the Department.
4. The committee resolved to approve the syllabus of Research methodology paper for Pre-Ph.D. course work from the academic year 2017-18.
5. The members suggested that a component is to be added in Pre Ph.D. course work in which student has to submit the research proposal about their Ph.D. work.
6. The external members felt that there is a need to teach the students about latest developments and innovations in respective subjects and make the students aware of the advancements and research breakthroughs by conducting special lectures by faculty as well as by inviting eminent researchers who are working in the respective specialization of the subjects. The members further suggested that few hours to be allotted at the end of the semester for teaching the same.
7. The external members suggested that an Industrial visit to the core Biotech / Pharma industries benefit the students to understand the production process on industrial scale.

Members	Signature
1. Dr. M. Anitha	- <u>P. Anitha</u>
2. Prof. S. V. Rajagopal	- <u>S. V. Rajagopal</u>
3. Dr. B. Veerendra Kumar	- <u>B. Veerendra Kumar</u> 07/04/18
4. Dr. P. Kiranmayi	- <u>P. Kiranmayi</u> 7/4/18
5. Dr. N. Sai Kishore	- <u>N. Sai Kishore</u> 7/4/18
6. Dr. Ch. Satyanarayana Swamy	- <u>Ch. Satyanarayana Swamy</u> 07/04/18
7. Prof. P. B. Seshagiri	- <u>P. B. Seshagiri</u> 7/4/18
8. Prof. N. Siva Kumar	- <u>N. Siva Kumar</u> 7/4/18

DEPARTMENT OF BIOCHEMISTRY AND BIOINFORMATICS
INSTITUTE OF SCIENCE

Minutes of the Board of Studies meeting held on Monday the 9th April, 2018 at 10.00 AM in the Chambers of the Head, Dept. of Biochemistry and Bioinformatics to discuss the following agenda.

1. Ratification of B.Sc. programmes (w.e.f.2017-2018):
 - a) Biochemistry, Microbiology and Bioinformatics
 - b) Biochemistry, Chemistry and Bioinformatics
2. Revision of Microbiology syllabus for B.Sc. programme effective from 2018-19.
3. Revision of curriculum for M.Phil., Pre-Ph.D., course work syllabus for Biochemistry and Bioinformatics effective from 2018-19
4. Revision of list of examiners and paper setters
5. Submission of model question papers (B.Sc., 2nd & 3rd Year)
6. Recommendation of Text and Reference books

Members present:

Chairperson

1. Prof. M. Rama Rao, Head, Dept. of Biochemistry and Bioinformatics.

External member

2. Prof. K. Kondiah, Dept. of Molecular Reproduction, Development and Genetics, IISc, Bengaluru.

Members

3. Dr. Ch. Surekha, Associate Professor, Dept. of Biochemistry and Bioinformatics
4. Dr. N. Nageswara Rao Reddy, Assistant Professor, Dept. of Biochemistry and Bioinformatics
5. Dr. A. Krishna Chaitanya, Assistant Professor, Dept. of Biochemistry and Bioinformatics

Resolutions:

1. The committee considered the syllabus of B.Sc., programmes with the following combinations a) Biochemistry, Microbiology and Bioinformatics, b) Biochemistry, Chemistry and Bioinformatics and unanimously recommended to ratify the syllabi approved in the standing committee from the academic year 2017-18.
2. The committee recommended the revision of Microbiology syllabus for B.Sc., programme to bring the commonality with the courses to be initiated at B.Sc., level in other life science departments.
3. The committee recommends syllabi for M.Phil./Ph.D. course work Papers- I and II in Biochemistry and Bioinformatics for full-time and part time scholars who are to be admitted in 2018-19 batches and it is resolved to conduct the course work as follows.

Course Paper I: Common paper to Science courses

SRM 901: Research methodology

100 marks (written paper)

Course Paper II: Advanced Research in Specialization

SBC 901: Advances in Cancer Biology

SBC 902: Studies on Clinical Research and Bioactive Principles

SBC 903: Medicinal Plants as Therapeutics

SBI 901: Advances in Bioinformatics

100 marks (Written paper)

Course Paper III

SBC/SBI 999: Comprehensive Viva-voce

100 marks

4. The committee recommends inclusion of the basics of biostatistics in the common research methodology paper.
5. The committee also recommends the basics of ethics in research and writing publications in the common research methodology paper.
6. The committee recommends Research Specialization paper as a self taught course and continuous monitoring and evaluation by mentor.
7. The Board recommends the paper setters and examiners for M.Sc., Biochemistry, Bioinformatics and B.Sc., programmes.
8. The committee recommends introduction of interdepartmental and interdisciplinary courses for research students
9. The committee has resolved to approve the question paper model for the semester-end examinations as per guidelines of GITAM Deemed to be University.
10. The Board recommends the text books and reference books for M.Sc. Biochemistry, Bioinformatics and B.Sc., programmes.

Member**Signature**

1. Prof.K.Kondiah (External Member)
Dept. of Molecular Reproduction,
Development and Genetics,
IISc,Bengaluru.
2. Dr. Ch. Surekha, Assoc. Prof
Dept. of Biochemistry and Bioinformatics,
GIS, GITAM (Deemed to be University)
3. Dr. N.Nageswara Rao Reddy, Asst. Prof.
Dept. of Biochemistry and Bioinformatics,
GIS, GITAM (Deemed to be University)
4. Dr. A.Krishna Chaitanya, Asst. Prof.
Dept. of Biochemistry and Bioinformatics,
GIS, GITAM (Deemed to be University)

P. Kondiah
9/4/2018

Ch. Surekha
09/04/2018

N. Nageswara Rao Reddy
9/4/2018

A. Krishna Chaitanya
9/4/2018

M. Rama Rao
(M.RAMA RAO)
Chairperson

BOS in Biochemistry and Bioinformatics

Copy to:

To all members, BOS in Biochemistry and Bioinformatics
Director - Academic Affairs, GITAM (Deemed to be University)
Principal, GIS, GITAM (Deemed to be University)
Registrar, GITAM (Deemed to be University)
PS to Vice Chancellor, GITAM (Deemed to be University)

12961
10/4/18

DEPARTMENT OF CHEMISTRY, GIS
GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT (GITAM)
(Declared as Deemed to be University u/s 3 of UGC Act. 1956)

From
Prof. Anima S Dadhich
Head

09.04.2018

To
The Principal
GITAM Institute of Science
GITAM.

Madam,

Sub: Minutes of The Board Of Studies Meeting - Reg.

I am herewith sending the minuets of The Board of Studies meeting held on 06-04-2018.

Along with the agenda of the meeting for you kind perusal.

Thanking you
Yours Sincerely


(Anima S. Dadhich)
HEAD

Department of Chemistry
GITAM Institute of Science
Gandhi Institute of Technology and Management (GITAM)
(Deemed to be University)
VISA KHAPATNAM-530 045

MINUTES OF THE BOARD OF STUDIES MEETING HELD AT 10.00 A.M ON 6th APRIL, 2018. IN THE
DEPARTMENT OF CHEMISTRY, GIS, GITAM (DEEMED TO BE UNIVERSITY)

MEMBERS:

Prof. Anima S.Dadhich, Professor and Head (In chair)
Prof. M. Saratchandra Babu, Professor
Prof. K. Ramakrishna, Professor
Prof. K.M.Ch. Appa rao, Professor
Dr. R. Ravichandra Babu, Associate Professor
Dr. Anjali Jha, Associate Professor
Dr. D. Suryakala, Assistant Professor
Dr. G. Srinivas Rao, Assistant Professor

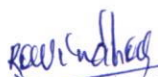
External Members:

Professor .Vadde Ravinder, Kaktiya University

Dr. Ch. V. Lakshmana Rao Executive Director & Head Quality, Laurus Labs.

*Prof. G. A.Rama Rao, Principal, College of Science, Hyderabad Campus (Absent with prior intimation)


1. Resolved to approve the change of title for the award of degree of the post graduate programs in Chemistry as **M.Sc. Chemistry** With specialization in Analytical Chemistry/ Organic Chemistry/ Pharmaceutical Chemistry **instead of M.Sc. Analytical Chemistry/ Organic chemistry/ Pharmaceutical Chemistry**
2. Resolved to follow the existing syllabi of M.Sc. Chemistry (Analytical Chemistry and Organic Chemistry) and B.Sc. Hons Chemistry without any revision for the academic year 2018-19
3. Suggestions for the minor modification in a few papers of B.Sc.(Honours) Chemistry by Prof. G. A. Rama Rao Principal, College of Science, Hyderabad Campus (via email) were thoroughly discussed. The external members suggested that any minor modifications in the syllabus can be taken up after completing a minimum period of three years. All members of BOS in principle accepted the suggestions and resolved to carry out the changes in the academic year 2019-20.
4. Resolved to approve the list of proposed paper setters/examiners.
5. Resolved to adopt the syllabus of research methodology paper for M.Phil/Pre-Ph.D. after discussing in common BoS of institute of Science.
6. Resolved to accept in principle to initiate the M.Sc. Chemistry (Analytical Chemistry and Organic Chemistry) and B.Sc. (Hons) Chemistry sponsored by Divis Laboratories Ltd after signing of the MOU with Divis Laboratories Ltd.


(V. Ravinder) 6/4/18


(Ch. V. Lakshmana Rao)

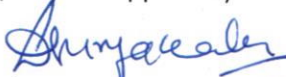

(M. Saratchandra Babu)


(K. Ramakrishna)


(K. M. Ch. Appa Rao) 6/4/2018


(R. Ravichandra Babu)


(Anjali Jha)


(D. Suryakala)


(G. Srinivasa Rao)


(Anima S. Dadhich)

Department of Chemistry
GITAM Institute of Science
GITAM (Deemed to be University)

Meeting of the Board of studies in the Department of Chemistry

Date: 6-04-2018

Time: 10:00 am

Venue: Room no. 212 , Sir C. V. Raman Bhavan, GIS

Agenda of the BOS meeting

- Minor changes in the existing syllabi
- Nomenclature for the award of M.Sc. degree
- Research syllabi for M.Phil/ Ph.D.-common research methodology paper
- List of paper setters and examiners
- Any other matter



HEAD

Department of Chemistry
GITAM Institute of Science
Gandhi Institute of Technology and Management (GITAM)
(Deemed to be University)
VISAKHAPATNAM-530 015

12966
10/4/18

DEPARTMENT OF COMPUTER SCIENCE, GIS
GITAM
(Deemed to be university)
(Estd. u/s 3 of UGC Act, 1956)

GCS/CS/ BoS Minutes/2018

Date: 10-04-2018

From
The Head of the Department
Dept. of Computer Science
GITAM Institute of Science
GITAM, VSP

To
The Principal
GITAM Institute of Science
GITAM,
Visakhapatnam

Respected Madam,

I am herewith enclosing the BoS minutes held on 06-04-2018.

Thanking you,

Yours faithfully,

V. Nagalauskani

10/4/18
HEAD

Department of Computer Science
GITAM Institute of Science
GANDHI Institute of Technology And Management (GITAM)
(Deemed to be University)
Visakhapatnam-530045



DEPARTMENT OF COMPUTER SCIENCE
GITAM INSTITUTE OF SCIENCE
GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT (GITAM)
(Declared as Deemed to be University u/s 3 of the UGC Act, 1956)

Date: 06-04-2018

Minutes of External Board of Studies members meeting held on 06-04-2018 at 2.00 p.m. in

Room No: 123, ICT Bhavan.

Members :

- | | |
|------------------------------|-----------------------|
| 1. Prof. D.V.L.N. Somayajulu | - External BoS Member |
| 2. Mr. Dintyala Udaya Kumar | - External BoS Member |
| 3. Prof. V. NagaLakshmi | - Chairman, BoS & HoD |
| 4. Prof. K. Vedavathi | Member |
| 5. Smt. B. Satyasaivani | Member |
| 6. Dr. T. Uma Devi | Member |
| 7. Ms. M. Srujana | Member |

- Mr. B. Srinivasa Rao is on Leave

Agenda:

1. Syllabi of Pre Ph.D
2. A gap Analysis of what the Industry needs from the Academic Institutions
3. Research Orientation / Projects
4. Any other item.

Chairperson welcomed all the BOS members.

- Common paper of Research methodology is approved by the BoS members.
- Discussed about the specialization papers which are the research areas interest to the scholar and the supervisor.
- Expert members Prof. D.V.L.N. Somayajulu garu and Mr. Dintyala Udaya Kumar garu have gone through the structure and syllabi of M.Sc (Data Science) which is a unique course in A.P. suggested to incorporate optimization, Linear Algebra and the other concepts of which are indirectly related such as No SQL, Mongo DB, AWS, Spark, Hadoop, API usage on Watson / Azure / Google , Visualization tools such as Tableau etc.,
- Sri. Udaya Kumar garu spoke about the gap analysis of what the industry requires. Suggested the key areas which are required by the industry taking relevant examples like AML (Anti Money Laundering) in Banking.

- Prof. D.V.L.N. Somayajulu garu gave suggestions to the teachers how to make the teaching session interactive by adopting Flipped class rooms.

Chairman, BOS thanked all the members and said special thanks to Prof. D.V.L.N. Somayajulu and Mr. Dintyala Udaya Kumar for attending the meeting.

V. Nagalakshmi
(Prof. V. NagaLakshmi)
HoD & Chairman, BoS
Department of Computer Science
GITAM Institute of Science
GANDHI Institute of Technology And Management (GITAM)
(Deemed to be University)
Visakhapatnam-530045

External Members:

Signature

Prof. D.V.L.N. Somayajulu

D.V.L.N. Somayajulu
6/4/18

Mr. Dintyala Udaya Kumar

[Signature]

Internal Members:

Prof. K. Vedavathi

K. Vedavathi
6/4/2018

Smt. B. SatyaSaiVani

SatyaSaiVani
6/4/18

Dr. T. Uma Devi

T. Uma Devi
6/4/18

Ms. M. Srujana

[Signature]

Mr. B. Srinivasa Rao

B. Srinivasa Rao
6/4/18

9/9/18

13/08/2018
19/4/18

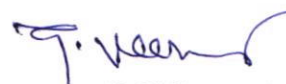
Department of Electronics & Physics
Institute of Science
GITAM (Deemed to be University)

19-04-2018

To,
The Principal,
Institute of Science.
GITAM(Deemed to be University).

Madam,

I am herewith forwarding the minutes of BoS meeting held on 07-04-2018 for your kind consideration.


(G V Swamy)

HEAD
DEPARTMENT OF ELECTRONICS & PHYSICS
GITAM INSTITUTE OF SCIENCE
GITAM (Deemed to be University)
VISAKHAPATNAM-530 045, (A.P.)

Department of Electronics & Physics
Institute of Science
GITAM (Deemed to be University)

The minutes of the Board of Studies for the Department of Electronics and Physics conducted on 07-04-2018 (Saturday) at 10:00AM in the Room No.405 along with the external members of the committee to place before the Academic council for consideration.

Members Present:

Prof. G.V. Swamy	Chairman, BoS and HoD
Prof.K.V.Ramesh	Member
Dr.Ch.Ravi Shankar Kumar	Member
Dr. P Gopala Krishna	Member
Dr.A.Chandrasekhar	Member
Dr.C. Mani Kumar	Spl.Invitee

Expert Members

Prof. V. Srinivas	External Member
Professor of Physics, IIT-Madras	
Dr. Vasudeva Siruguri, Center Director	External Member
UGC-DAE, BARC, Mumbai	

At the outset, the chairman has welcomed all the members of the BoS members.

The following are the points were discussed and resolved by members of the BoS.

1. It is resolved to introduce New 3 years program-B.Sc. with Mathematics, Electronics & Computer Science under CBCS from the academic year 2018-2019.
2. The regulations & syllabi of the above proposed program has been discussed and considered for implementation w.e.f. 2018-19 admitted batch.
3. It is resolved to consider minor modifications in course SPH 803: Nuclear Physics of III Semester of M.Sc. Physics Program w.e.f 2017-18 admitted batch.

4. It is resolved to consider to swap the course SPH :802 Condenser Matter Physics and SPH 854:Material Characterization techniques ie Vice-Versa, in the IV semester of M.Sc Physics Program w.e. f 2017 AB as specified in the following table.

Course Code	Name of the Course	Category	Credits	L/W	Continuous Evaluation	Semester End Examination	Total Mark
SPH 802	Material Characterization Techniques	PC	4	4	40	60	100
Programme Elective (ONE TO BE CHOSEN)							
SPH 850	Nuclear Analytical Techniques	PE	4	4	40	60	100
SPH 852	Materials Science						
SPH 854	Condensed Matter Physics						
SPH 856	Non-linear Optics						
LABS							
SPH 890	Material Science Lab	PP	2	6	100	--	100
SPH 892	Project work	PP	8	12		200	200
Total			18	28	180	320	500

5. The BoS committee along with external members has resolved to consider the following Specialized /Core courses of M.Phil/Ph.D programs w.e.f. from 2018-19 admitted batch.

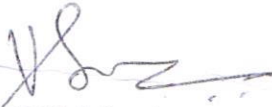
- (i) Photonics
- (ii) Solid State Physics
- (iii) Non-destructive testing and evaluation of materials
- (iv) Nanophotonics and Raman Spectroscopy
- (v) Biomedical Instrumentation
- (vi) Theoretical Physics

6. It is also discussed the syllabus of Research Methodology course which is a common to all programs of science for M.Phil/Ph.D students w.e.f 2018 admitted batch. Further it is suggested to include research ethics and scientific report writing skills in the proposed syllabus.

7. Any other item

Students projects for M.Sc. Programs during summer vacation:

Resolved to recommend initiating the project work for M.Sc. students by applying for summer internship program at National Institutes/Research labs in their II semester. It is also resolve to consider to carry out their project work at the same place to complete project work during IV Semester.



(V Srinivas)

(Vasu Deva Siruguri)



(A Chandra Sekhar)



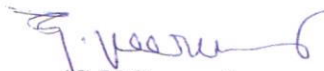
(P Gopala Krishna)



(Ch. Ravi Shankar Kumar)



(K V Ramesh)



(G V Swamy)
Chairman BoS

12964
10/4/18

Date: 10-04-2018

From
Prof. Y. Avash. Maruthi
Head & Chairperson BoS
Department of Environmental Studies
GITAM Institute of Science
GITAM (Deemed to be University)

To
The Principal
GITAM Institute of Science
GITAM (Deemed to be University)

Madam,

Sub: Submission of BoS meeting minutes –Reg.

Ref: Letter from Registrar, GDU/CAO/DoAA/BOS Meeting/1/2018, dated 19-03-2018.

With reference to the above, the department was conducted Board of Studies meeting on 06-04-2018 in the department of Environmental Studies. I am herewith submitting the minutes of BoS meeting for your kind consideration.

Thanking you

Yours sincerely

(Y. Avash. Maruthi)

HEAD
Department of Environmental Studies
GITAM Institute of Science
GANDHI Institute of Technology And Management (GITAM)
(Deemed to be University)
Visakhapatnam-530045

Encl: BoS Meeting Minutes

RUB

Department of Environmental Studies
GITAM Institute of Science
GITAM (Deemed to be University)

Minutes of the meeting of Board of Studies in the Department of Environmental Studies held on 06.04.18 at 11:00 a.m in Department of Environmental Studies GITAM Institute of Science, GITAM (Deemed to be University)

Members Present


- 1 Prof.Y.AVASN Maruthi Chairperson, Board of Studies
- 2 Prof.N.Srinivas
- 3 Prof.Ch.Rama Krishna
- 4 Dr. V.Saritha
- 5 Dr.B.Padmavathi
- 6 Prof.G.Ramakrishna Naidu – **External Member**,
Sri Venkateswara University, Tirupathi
- 7 Prof.N.Janardhana Raju– **External Member**,
Jawaharlal Nehru University, New Delhi

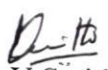
Points discussed and Resolutions passed by the Board of Studies:

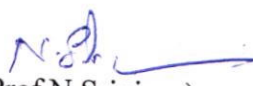
1. Syllabus of M.Sc. Environmental Science was reviewed and suggested changes for revision.
2. Syllabus of Bachelor of Environmental Management (BEM) Syllabus was reviewed and suggested changes for revision.
3. Paper –I (Research Methodology Common to Science Programmes) of Pre-Ph.D Syllabus was revised and approved.
4. Ability Enhancement Compulsory Courses (AECC) - Environmental Science and Disaster Management Syllabus (for under graduate programmes) offered by the Department of Environmental Studies was reviewed and approved.
5. Paper Setters and Evaluators have been reviewed and approved.

BoS members gave their approval for all the above discussed points.

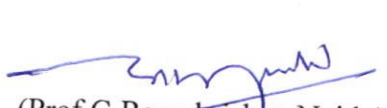
Chairperson Prof.Y.AVASN Maruthi thanked all the members and concluded the meeting.

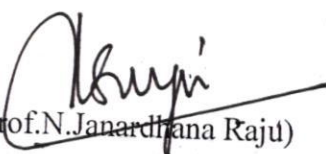

(Dr.B.Padmavathi)

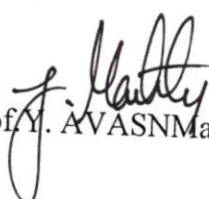

(Dr. V.Saritha)


(Prof.N.Srinivas)


(Prof.Ch.Rama Krishna)


(Prof.G.Ramakrishna Naidu)


(Prof.N.Janardhana Raju)


(Prof.Y. AVASN Maruthi)

13002
18/4/18

Date: 17-04-2018

From
Prof.Y.Avasn Maruthi
Head & Chairperson BoS
Department of Environmental Studies
GITAM Institute of Science
GITAM(Deemed to be University)

To
The Principal
GITAM Institute of Science
GITAM(Deemed to be University)

Madam,

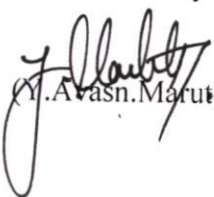
Sub: Submission of BoS meeting minutes –Reg.

Ref: Letter from Registrar, GDU/CAO/DoAA/BOS Meeting/1/2018, dated 19-03-2018.

With reference to the above, the department was conducted Board of Studies meeting on 06-04-2018 in the department of Environmental Studies. I am herewith submitting the minutes of BoS meeting for your kind consideration.

Thanking you

Yours sincerely


(Y.Avasn.Maruthi)

Encl: BoS Meeting Minutes

Department of Environmental Studies
GITAM Institute of Science
Gandhi Institute of Technology and Management - GITAM (Deemed to be University)

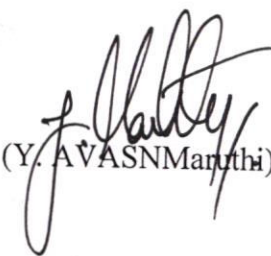
Minutes of the meeting of Board of Studies in the Department of Environmental Studies held on 06.04.18 at 11:00 a.m in Department of Environmental Studies GITAM Institute of Science, GITAM (Deemed to be University).

Members Present

- | | | |
|---|---------------------------------------------------|-------------------------------|
| 1 | Prof.Y.AVASN Maruthi | Chairperson, Board of Studies |
| 2 | Prof.N.Srinivas | |
| 3 | Prof.Ch.Rama Krishna | |
| 4 | Dr. V.Saritha | |
| 5 | Dr.B.Padmavathi | |
| 6 | Prof.G.Ramakrishna Naidu – External Member | |
| | Sri Venkateswara University, Tirupathi | |
| 7 | Prof.N.Janardhana Raju– External Member | |
| | Jawaharlal Nehru University, New Delhi | |

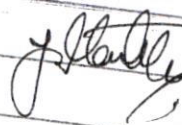
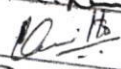
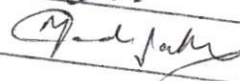
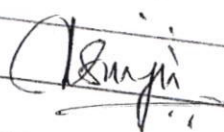
Points discussed and Resolutions passed by the Board of Studies:

1. Syllabus of M.Sc. Environmental Science was reviewed and suggested changes for revision for next academic year.
2. Syllabus of Bachelor of Environmental Management (BEM) Syllabus was reviewed and suggested changes for revision for next academic year.
3. Research Methodology Common to Science Programmes (SRM-901,Paper-I) and Advanced topics in Environmental Science (SES-901,Paper-II) of Pre-Ph.D Syllabus was reviewed and approved.
4. Ability Enhancement Compulsory Courses (AECC) - Environmental Science and Disaster Management Syllabus (for under graduate programmes) offered by the Department of Environmental Studies was reviewed and approved.
5. Paper Setters and Evaluators have been reviewed and approved.


(Y. AVASN Maruthi)

Minutes of meeting of Board of Studies in the
Department of Environmental Studies held on 06-04-2018
at in the Department of Environmental Studies,
GITAM Institute of Science, GITAM University.

Members Present

Prof. Y. AVASN Maruthi	Head & Chair person Board of Studies	
Prof. N. Srinivas	Member	
Prof. Ch. Rama Krishna	Member	N. Shil
Dr. V. Sasi tha	Member	Ch. Rama Krishna
Dr. B. padmavathi	Member	
Prof. G. R. K. Naidu	External member	
Prof. N. Janardhana Raju	External member	



GITAM
(DEEMED TO BE UNIVERSITY)
(Estd. u/s 3 of the UGC Act, 1956)

Department of Microbiology and Food Science & Technology
GITAM Institute of Science

Visakhapatnam,

Date : 21/04/18

From
Dr. R. Gyana Prasuna,
Professor and Head,
Department of Microbiology and FST
GITAM Institute of Science,
GITAM

To
The Principal,
GITAM Institute of Science,
GITAM

Respected Madam,

Sub : Board of Studies meeting minutes – Reg.

We are herewith sending the minutes of BOS meeting conducted on 06.04.2018 regarding course II papers of Microbiology and Food Science and Technology, Pre Ph.D course syllabus.

We are sending this for your kind information and necessary action.

Thanking you,

Yours faithfully,

R. Gyana Prasuna

HEAD

Dept. of Microbiology and
Food Science & Technology
GITAM INSTITUTE OF SCIENCE

SAKSHIPATNAM-530 045



GITAM
(DEEMED TO BE UNIVERSITY)
(Est'd. u/s 3 of the UGC Act, 1956)

Department of Microbiology and Food Science & Technology
GITAM Institute of Science

BoS Meeting minutes

A meeting of the Board of Studies, Department of Microbiology and Food Science and Technology was held at 10.00 Am on 06.04.2018 to discuss the following

Agenda:

1. To discuss the structure and syllabus of B.Sc.(H) Food Technology program and microbiology portion of B.Sc program
2. Research methodology paper for M.Phil, Ph.D examination
3. Any required changes for pre Ph.D syllabus
4. Discussion for question paper format and quality
5. Student project works from various Institutes
6. Industrial/ Institutional collaboration for research
7. Examiners and paper setters for M.Sc. Program
8. Examiners for Ph.D. Evaluation
9. Any other matter

The following members were present in the meeting

1. Dr. R. Gyana Prasuna, BOS Chairperson
2. Dr.K.Bhaskarachary, Deputy Director, NIN, BoS External Member
3. Dr. Ch. Sasikala, Professor,J.N.T.U, BoS External Member
4. Dr. Y Vimala, BoS Member
5. Dr Rajani Chowdary, BoS Member
6. Dr P. V. Giridhar, BoS Member

R. Prasuna
6/4/18

K. Bhaskarachary
6/4/18

Ch. Sasikala
6/4/2018

y. Vimala

Rajani Chowdary 6/4/18

P.V. Giridhar
6/4/18




GITAM
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(Estd. 1983 of the UGC Act, 1956)

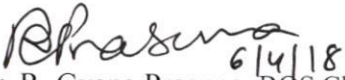
Department of Microbiology and Food Science & Technology
GITAM Institute of Science

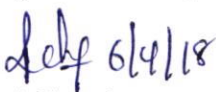
A meeting of the Board of Studies, Department of Microbiology and Food Science and Technology was held at 10.00 Am on 06.04.2018 with two external members, Dr.K.Bhaskarachary, Senior Scientist and Deputy Director in Department of food chemistry and food Science, NIN, HYDERBAD, Dr. Ch. Sasikala, Professor, Jawaharlal Nehru Technological University Hyderabad.

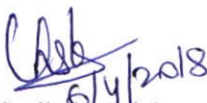
Resolutions:


1. Syllabi of B.Sc. (H) Food Technology, microbiology portion of B.Sc and Research methodology paper for M.Phil/Ph.d. were discussed in length with the BoS external members.
2. The BoS members proposed minor changes in syllabi of B.Sc. (H) Food Technology including both theory and practicals.
3. The commencement of B. Sc. (H) Food Technology program from year 2018-19 was recommended.
4. The BoS members have suggested minor modifications in Research methodology paper for M.Phil/Ph.d.
5. All the suggestions will be incorporated and approval will be obtained from external members through mail.


Dr.K.Bhaskarachary, Deputy Director, NIN
BoS External Member


Dr. R. Gyana Prasuna, BOS Chairperson


Dr Rajani Chowdary, BoS Member


Dr. Ch. Sasikala, Professor, J.N.T.U
BoS External Member


Dr. Y Wimala, BoS Member


Dr P. V. Giridhar, BoS Member

Department of Microbiology and Food Science & Technology
GITAM Institute of Science
GITAM (Deemed to be University)

BoS Meeting minutes

A meeting of the BoS, Department of Microbiology was held at 12.30 pm on 18.04.2018 to finalize the course II papers for Microbiology and Food Technology program with effect from 2018-19 admitted batch.

Agenda of meeting:

To discuss course II papers for Microbiology and Food Technology program

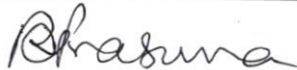
The meeting was attended by Dr. R. Gyana Prasuna, BoS Chairperson, and the internal members of BoS, Dr. Y. Vimala, Dr. A. Rajani Chowdary and P.V. Giridhar and senior faculty of the Department of Microbiology & Food Science and Technology.

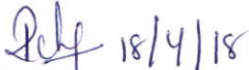
Resolution and recommendation:

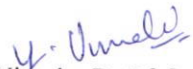
The six papers proposed by the department were discussed and finalized by the BoS members in the Department of Microbiology and was resolved to be recommended from 2018-19 admitted batch. The names and codes of the finalized papers are as under:

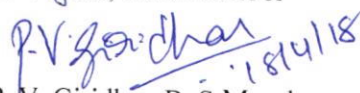
S.No.	Course	Course Code	Name of the Course
1	Research methodology	SRM 901	Research methodology
2	Advanced topic in area of research	SMB 901	Agricultural Microbiology
		SMB 902	Applied Microbiology
		SMB 903	Medical Microbiology
3	Comprehensive Viva voce	SMB 999	Comprehensive Viva voce

S.No.	Course	Course Code	Name of the Course
1	Research methodology	SRM 901	Research methodology
2	Advanced topic in area of research	SFT 901	Food Processing Technology
		SFT 902	Food Microbiology
		SFT 903	Nutrition and Therapeutics
3	Comprehensive Viva voce	SFT 999	Comprehensive Viva voce


Dr. R. Gyana Prasuna, BOS Chairperson


Dr Rajani Chowdary, BoS Member


Dr. Y Vimala, BoS Member


Dr P. V. Giridhar, BoS Member