

Minutes of the Sixth Meeting of the Academic Council held on June 20, 2015

Time: 11.30 am

Venue: Conference Hall, USTM

The Sixth meeting of the Academic Council of University of Science & Technology, Meghalaya (USTM) was held on 20th June, 2015 under the Chairmanship of Dr. P. G. Rao, Honourable Vice Chancellor of USTM. The Chairman called the meeting to order at 12 noon. The following members were present at the meeting:

SL. NO.	MEMBERS	DESIGNATION
1.	Dr. P. G. Rao, Vice-Chancellor, USTM	Chairman
2.	Ms. Anju Hazarika, Registrar, USTM	Secretary
3.	Mr. N. Laskar, Finance Officer, USTM	Member
4.	Dr. R. C. Baruah, Scientist, NEIST, Jorhat	Member
5.	Dr. R. K. Sharma, Professor, School of Biological Sciences, USTM	Member
6.	Dr. F. A. Barbhuiya, Associate Professor, IIIT, Guwahati	Member
7.	Dr. A. N. S. Ahmed, Professor, School of Social Sciences and Humanities, USTM	Member
8.	Dr. T. R. Barbora, Retd. Principal, Assam Medical College, Dibrugarh	Member
9.	Dr. K. Ismail, Professor, Department of Chemistry, NEHU, Shillong	Member
10.	Dr. Alaka Sharma, Professor & Dean, School of Social Sciences and Humanities, USTM	Member
11.	Mr. Amit Choudhury, Department of Business Administration, USTM	Member
12.	Dr. C. R. Sarkar, Controller of Examinations and Admissions, USTM	Member
13.	Dr. Ranee Das, Professor, Department of Botany, USTM	Member
14.	Dr. S. C. Das, Professor and Dean, Department of Applied Biology, USTM	Member


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15.	Dr. Abdur Rashid, Department of Commerce, USTM	Member
16.	Dr. Abdul Wahab, Department of Chemistry, USTM	Member
17.	Dr. K. K. Kakati, Professor, PQHSE, USTM	Member
18.	Dr. M. Ali, Department of Sociology, USTM	Member
19.	Dr. S. K. Barthakur, Department of Botany, Gauhati University	Member
20.	Dr. Razina Ahmed, Associate Professor, Department of Zoology, Cotton College, Guwahati.	Special Invitee
21.	Dr. M. J. Nath, Professor, Department of Earth Science, USTM	Special Invitee
22.	Dr. Parbin Sultna, Department of Business Administration, USTM	Special Invitee

After extending formal welcome to all the members, the Chairman informed the Council about the inability of Dr. H. K. Barua & Dr. Bakhtiar Hussain to attend the meeting due to pre occupations. The Council noted the same. The Chairman briefed the members about the major developments taken place including several achievements of the University since last Academic Council meeting which was held on 8th November, 2014. Thereafter, the Chairman took up the agenda of the meeting for discussion.

AGENDA NO. : 6.1: CONFIRMATION OF THE MINUTES OF THE 5TH MEETING OF ACADEMIC COUNCIL HELD ON 8TH NOVEMBER, 2014

The proceedings of the 5th meeting of the Academic Council held on 8th November, 2014 duly approved by the Chairman were circulated among the members.

RESOLUTION:ACA:06:15:01: As no comments/suggestions were received, the Academic Council has resolved to confirm the proceedings.

AGENDA NO. : 6.2: ACTION TAKEN REPORT

The action taken report of the last Academic Council Meeting held on November 8, 2014 was presented by the Registrar. The members made discussions on various points.

RESOLUTION:ACA:06:15:02: The Academic Council approved the action taken report with minor modifications.


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3. B.Ed-06: Curriculum Development And Teaching Strategies
4. B.Ed.08 C: Teaching Of Geography

AGENDA NO. : 6.4.4: APPROVAL FOR REVISION OF SYLLABI OF VARIOUS PROGRAMMES

The revision of syllabi of the following programmes duly approved by the respective Board of Studies (BoS), were placed before the Academic Council by the respective Deans of Schools.

School	Department	Name of the Programme	Programme Code
Applied Sciences	Chemistry	MSc Chemistry	MSC
	Earth Science	MA Geography	MGE
		MSc Environmental Science	MEV
Business Sciences	Business Administration	Master of Business Administration	MBA
	Commerce	Master of Commerce	MCM
	Economics	MA. Economics	MEC
Prof Qoumrul Hoque School of Education (PQHSE)	PQHSE	Bachelor of Education	BEd

RESOLUTION: ACA:06:15:04.04: The Academic Council approved the revision of syllabi under various programmes as mentioned above. The list of the courses in which syllabus revision was carried out are given below.

List of Revised Courses	
Department: Chemistry	Programme: M.Sc. Chemistry (MSC)
<ol style="list-style-type: none"> 1. MSC 101: Organic Chemistry I 2. MSC 201: Organic Chemistry II 3. MSC 202: Inorganic Chemistry II 4. MSC 301: Organic Chemistry III 5. MSC 303: Physical Chemistry III 6. MSC 402B: Inorganic Chemistry IV 7. MSC 403B: Inorganic Chemistry V 	
Department: Earth Science	Programme: MA Geography (MGE)
<ol style="list-style-type: none"> 1. MGE 104: Computer Application and Information Technology 	


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2. MGE 303: Geo-informatics	
Department: Earth Science	Programme: MSc Environmental Science (MEV)
1. MEV 102: Environmental Chemistry 2. MEV 103: Environmental Pollution 3. MEV 104: Computer Application & Information Technology 4. MEV 105: Laboratory I 5. MEV 202: Environmental Geosciences and Meteorology 6. MEV 203: Environmental Biotechnology 7. MEV 204: Environmental Management and Sustainable Development 8. MEV 205: Laboratory II 9. MEV 301: Research Methodology 10. MEV 302: Statistical Techniques	
Department: Business Administration	Programme: Master of Business Administration (MBA)
1. MBA 104: Statistical & Quantitative Methods 2. MBA 105: MIS & Information Technology in Business 3. MBA 204: Business Research Methods 4. MBA 305 A: Consumer Behaviour & Retailing 5. MBA 305 B : Advertising and Brand Management	
Department: Commerce	Programme: Master of Commerce (MCM)
1. MCM-405B: Sales and Advertising	
Department: Economics	Programme: M.A. Economics (MEC)
1. MEC-203: Statistical Techniques 2. MEC-101: Micro Economics Analysis I	
Department: PQHSE	Programme: Bachelor of Education (BEd)
1. BEd 101: Foundation of Education 2. BEd 202(A):Teaching of General Science 3. BEd 202(B): Teaching of Social Science 4. BEd 203 (A):Teaching of Mathematics 5. BEd 203(B): Teaching of English	

AGENDA NO.: 6.4.5: APPROVAL OF COURSES FOCUSING ON EMPLOYABILITY, ENTREPRENEURSHIP AND SKILL DEVELOPMENT.

The Deans of the respective schools presented the list of courses focusing on Employability, Entrepreneurship and Skill Development. The programme wise number of such courses is presented below and the details of the courses are given in the enclosures as indicated.

School	Department	Programmes	No. of Courses focusing on Employability/ Entrepreneurship/Skill	ANNEXURE
		BSc Biotechnology	30	A


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Minutes of the 10th Meeting of the Academic Council held on April 6, 2018

Time : 11.00 am

Venue : Conference Hall, Administrative Block

The 10th meeting of the Academic Council of University of Science & Technology, Meghalaya (USTM) was held on 6th April, 2018 under the Chairmanship of Dr. RK Sharma ,Honourable Vice Chancellor of USTM. The attendees are:

SL. NO	MEMBERS	DESIGNATION
01	Dr. RK Sharma	Vice Chancellor, USTM Chairman
02	Dr. Suhail Sabir	Professor, Dept. of Chemistry, Aligarh Muslim University
03	Dr. Saurabh Basu	Professor, Dept. of Physics & Dean, Outreach Programme, IIT Guwahati
04	Dr. S. A. M. Pasha	Professor, Dept. of Political Science, Jamia Milia Islamia, New Delhi.
05	Dr. S. K. Borthakur	Professor, Dept. of Botany, Gauhati University
06	Dr. Enamul Karim	Dean, School of Applied Sciences, USTM
07	Dr. S.C Das	Dean, School of Biological Sciences, USTM
08	Dr. Jonali Chetia	Dean, PQH School of Education, USTM
09	Dr. Amit Choudhury	Dean, School of Business Sciences, USTM
10	Dr. P. C. Mahanta	Dean, School of Engineering & Technology, USTM
11	Dr. A. C. Talukdar	Professor, Dept. of Political Science, USTM
12	Dr. P. K. Baruah	Head, Dept. of Botany, USTM
13	Dr. D. K. Sharma	Professor, Dept. of Zoology, USTM
14	Dr. Sanchita Roy	Assistant Professor, Dept. of Physics, USTM
15	Dr. Narayan Chetry	Professor & Head, Dept. of Earth Science, USTM
16	Mr. N. Laskar	Finance Officer, USTM

17	Dr. Abdur Rashid	Head, Dept. of Economics & Commerce, USTM
18	Dr. T. R. Gogoi	Professor, Dept. of Sociology, USTM
19	Dr. Anup Kumar Bordoloi	Asst. Professor, Deptt. of Computer Science & Electronics, USTM
20	Dr. Parbin Sultana	Controller of Examination & Admissions, USTM
21	Dr. A. H. Barbhuiya	Academic Registrar, USTM
22	Mrs. Anju Hazarika	Registrar, USTM Secretary

The following members could not attend for various reasons and they have sent their information of absence –

1. Prof. Manabendra Dutta Choudhury
2. Prof. S. K. Ray
3. Dr. Alaka Sarma &
4. Dr. Rezina Ahmed.

After extending formal welcome to all the members, the Chairman asked the Registrar to take up the agenda of the meeting for discussion.

AGENDA NO. : 10.01: CONFIRMATION OF THE MINUTES OF THE 9TH MEETING OF ACADEMIC COUNCIL HELD ON 5TH SEPTEMBER, 2017.

The proceedings of the 9th meeting of the Academic Council held on 5th September, 2017 duly approved by the Chairman were circulated. A copy of the same was placed on the table.

RESOLUTION: ACA:10.18.01: The Academic Council has unanimously confirmed the proceedings.

Elective courses introduced	
Department: Physics	Programme: MSc Physics (MSP)
<ol style="list-style-type: none"> 1. MSP-304(C): High Energy Physics 2. MSP-304 (D): Laser and Nonlinear Optics-I 3. MSP-403(C): Advanced High Energy Physics 4. MSP-403 (D): Laser and Nonlinear Optics-II 	
Department: Mathematics	Programme: MSc Mathematics (MSM)
<ol style="list-style-type: none"> 1. MSM404: General Theory of Relativity 2. MSM-404A: Dynamical System 3. MSM 403(C): Cryptography and Coding theory 4. MSM-403(A): Magneto- Hydrodynamics 	
Department: Business Administration	
Programme: Master of Business Administration (MBA)	
<ol style="list-style-type: none"> 1. MBA 207: Strategic Technology Management and Intellectual Property Right 2. MBA 207: Social Marketing 3. MBA 402: Digital Business –II 4. MBA 402: Corporate Governance and Business Ethics 	
Department: Business Administration	
Programme: Bachelor of Business Administration (BBA)	
<ol style="list-style-type: none"> 1. BBA 304: Agri Business Management 2. BBA 402: International Business 3. BBA 402: International Marketing 	
Department: Business Administration	
Programme: Diploma in Skill Development (DSD)	
<ol style="list-style-type: none"> 1. DSD-203 (f): Welding 2. DSD-403 (d): Advanced Physical Training 3. DSD-503 (d): Sales and Marketing 	
Department: Economics	Programme: MA Economics (MEC)
<ol style="list-style-type: none"> 1. MEC-405C: Economy of North Eastern Region 2. MEC-404: Economics of Environment 3. MEC-304A: Labour Economics 	
Department: Applied Biology	Programme: MSc Biotechnology (MBT)
<ol style="list-style-type: none"> 1. MBT 306: Pharmacology 2. MBT 406: Entrepreneurship, IPR, Bioethics & Biosafety 	

AGENDA NO.:10.03.02: APPROVAL FOR REVISION OF THE SYLLABI UNDER DIFFERENT PROGRAMMES.

The revision of syllabi of the following programmes duly approved by the respective Board of Studies (BoS), were placed before the Academic Council by the respective Deans of Schools.

School	Department	Name of the Programme	Programme Code
Applied Sciences	Earth Science	M.A. Geography	MGE
	Physics	M. Sc. Physics	MSP
		B. Sc. Physics	BSP
	Mathematics	M. Sc. Mathematics	MSM
Biological Sciences	Applied Biology	M.Sc. Biotechnology	MBT
		B. Sc. Food Science & Technology	BFST
PQHSE	PQHSE	Bachelor in Education	BEd
Business Sciences	Business Administration	Master of Business Administration	MBA
		Bachelor of Business Administration	BBA
		Diploma in Skill Development	DSD
	Economics	MA. Economics	MEC
Social Sciences and Humanities	Sociology	BA Sociology	BSO
	Social Work	Masters of Social Work	MSW
	Political Science	MA Political Science	MPS

RESOLUTION: ACA:10.18.03.02: The Academic Council approved the syllabi of the revised courses under the aforesaid departments which will be effective from 2018-19 academic session.

The details of the courses revised under different programmes are listed below:

Revised Courses	
Department: Earth Science	Programme: MA Geography (MGE)
1. MGE 301: Research Methodology 2. MGE 302: Quantitative Techniques 3. MGE 303: Fundamentals of Geoinformatics 4. MGE 305: Geoinformatics (General) Practical 5. MGE 404 C: Geoinformatics (Practical)	
Department: Physics	Programme: MSc Physics (MSP)
1. MSP-102: Classical Mechanics	

2. MSP-203: Condensed Matter Physics 3. MSP-304(A): Condensed Matter Physics-I 4. MSP-401: Statistical Physics 5. MSP-402: General Theory of Relativity & Astrophysics	
Department: Physics (BSP)	Programme: BSc Physics
1. BSP-306: Basic Instrumentation Skills 2. BSP-404: Nuclear Physics and Electronics Practical 3. BSP-712: Physics-I Practical	
Department: Mathematics (MSM)	Programme: MSc Mathematics
1. MSM-402: Advanced Partial Differential Equation	
Department: Computer Science & Electronics	
Name of Programme: Bachelor of Computer Application (BCA)	
1. BCA503.1: E-commerce & Digital Marketing 2. BCA101: Fundamental of Computer Science 3. BCA403: . NET Technology 4. BCA502: Web programming	
Department: Computer Science & Electronics	
Name of Programme: Master of Computer Application (BCA)	
1. MCA403: . NET Technology	
Department: Applied Biology (MBT)	Programme: MSc Biotechnology
1. MBT 306: Pharmacology 2. MBT 406: Entrepreneurship, IPR, Bioethics & Biosafety	
Department: Applied Biology (BFST)	Programme: BSc Food Science & Technology
1. FST- 201: Unit Operations in Food Processing 2. FST- 202: Technology of Fruits and Vegetables Processing 3. FST- 204: Sensory Evaluation of Foods 4. FST-302: Cereal, Pulses and Oilseed Technology 5. FST-305: Food Process Engineering 6. FST-401: Technology of Beverage, Plantation Crops And Spices 7. FST-402: Bakery, Confectionary and Extruded Foods 8. FST-403: Food Packaging Technology	
Department: Education	Programme: Bachelor of Education (BEd)
1. B.Ed.202: Knowledge and Curriculum 2. B.Ed.102: Growth and development during Childhood and adolescence 3. B.Ed.203: Teaching and Learning 4. B.Ed.301(A): Teaching of General Science	

5. B.Ed.401: Drama and Art in Education 6. B.Ed.206(A): Health and Physical Education	
Department: Business Administration	
Programme: Master of Business Administration (MBA)	
1. MBA 105: Quantitative Techniques 2. MBA 201: Marketing Management- II 3. MBA 202: Human Resource Management-II 4. MBA 208: Business Regulatory Framework 5. MBA 301: Strategic Management 6. MBA 401: Supply Chain Management 7. MBA 404A: Advertising and Sales Management 8. MBA 403C: Advance Financial Services	
Department: Business Administration	
Programme: Bachelor of Business Administration (BBA)	
1. BBA 105: Computer Fundamental 2. BBA 201: Human Resource management 3. BBA 301: Organization Behaviour 4. BBA 502: Retail Management 5. BBA 503A: Advertising and Sales Promotion 6. BBA 601: Strategic Technology Management	
Department: Business Administration	
Programme: Diploma in Skill Development (DSD)	
1. DSD-203 (f): Welding 2. DSD-403(d): Advanced Physical Training 3. DSD-503(d): Sales and Marketing	
Department: Economics	Programme: MA Economics (MEC)
1. MEC-205: Welfare Economics 2. MEC-405D : Operation Research 3. MEC-405B : Advance Econometrics 4. MEC-104: Mathematical Methods for Economics 5. MEC-304B : Research Methodology and Report Writing	
Department: Sociology	Programme: BA Sociology (BSO)
1. BSO102: Sociology of India – I 2. BSO301: Polity and Society 3. BSO402: Social Stratification 4. BSO403: Social Anthropology 5. BSO503: Social Demography	
Department: Social Work	Programme: Master of Social Work (MSO)
1. MSW 102: Human Growth and Psychological development 2. MSW 104: Working with Individuals	

<ol style="list-style-type: none"> 3. MSW 105: Development Communication and Professional Skills for Social Work 4. MSW 201: Working with Groups 5. MSW 202: Community Organization and Social Action 6. MSW 203: Working with Vulnerable Groups 7. MSW 204: Human Rights, Para Legal education and Social Work Practice 8. MSW 301: Social Work Research 9. MSW 303 (B): Child and Childhood in India: Theories, Perspectives and Issues 10. MSW 401: Introduction to Disabilities 11. MSW 404(B): Working with Families: Children, Youth and Aged 12. MSW 407: Community Organizations and Community Development
<p>Department: Political Science Programme: MA Political Science (MPS)</p> <ol style="list-style-type: none"> 1. MPS 101: Political Theory 2. MPS 102: Public Administration: Principles and Approaches 3. MPS 103: International Relations 4. MPS 104: Indian Government and Politics 5. MPS 105: Social Movements in India 6. MPS 201: Western Political Thought 7. MPS 202: State Politics in India 8. MPS 203: Comparative Politics 9. MPS 204: International Politics 10. MPS 205: Comparative Political Systems 11. MPS 301: Indian Political Thought 12. MPS 302: Decentralization and Local Self Government in India 13. MPS 303: Research Methodology and Statistics in Social Sciences 14. MPS 304: India's Foreign Policy 15. MPS 305 (A): Socio-Political Institutions in North-East India 16. MPS 305 (B): Principles of Management 17. MPS 306: Indian Political System 18. MPS 401: Contemporary Political Thought 19. MPS 401: Human Rights in India 20. MPS 403: Introduction to Public Policy 21. MPS 404: Dissertation 22. MPS 405 (A): Urban Administration and Governance in India 23. MPS 405 (B): Rural Administration and Governance in India
<p>Department: English Programme: B.A. English (BEN)</p> <ol style="list-style-type: none"> 1. BEN-104 : Forms of Literature 2. BEN-202 : History of English Language and Linguistic 3. BEN-302: Gender and Women's Writing 4. BEN-304: The Age of Shakespeare 5. BEN-401: The Restoration and the Augustan Period (1660- 1780): Prose and Poetry 6. BEN-402 The Restoration and the Augustan Period (1660- 1780): Drama 7. BEN-503 American Literature

AGENDA NO. :10.04: AMENDMENT/REVISION IN EXAMINATION RULES AND MANUAL OF EXAMINATIONS WITH AUTOMATION


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RESOLUTION : ACA:10.18.06.03.

The Council approved the Manual with suggestion to incorporate “In case the Progress Presentation of a Scholar is not found satisfactory, he/she should be asked to repeat the presentation before the Committee”.

The approved Manual is enclosed as Annexure -IV

10.06.04: CONSTITUION OF DEPARTMENTAL DOCTORAL COMMITTEE (DDC)

The Departmental Doctoral Committee for the Registered Research Scholars have been constituted by the respective departments and placed before the Council for approval.

RESOLUTION : ACA:10.18.06.04.

The house approved the Departmental Doctoral Committees as proposed. The list is given in the annexure-V.

10.06.05: REVISION OF COURSES UNDER PhD PROGRAMME

The University Research Committee (URC) placed the syllabi of PhD course work before the house for the introduction of new courses (including elective courses) which were duly recommended by the respective School Research Councils (SRC).

RESOLUTION : ACA:10.18.06.04.

The House made a discussion on the revised syllabi of PhD course work and approved the same without any change. Following are the detail list of the courses.

Revised Course
Programme: PhD
1. PBA -102: Computer Fundamentals 2. PBA - 104: Thesis Components of the Concerned Topics

List of Elective Courses
Course Code: PBA 103 Programme: PhD
Department: Business Administration
1. PBA -103A : Recent Development in Business 2. PBA -103B : Contemporary Issues in Marketing 3. PBA -103C : Contemporary Issues in Human Resource Management 4. PBA -103D : Contemporary Issues in Accounting and Finance


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Department: Mathematics
<ol style="list-style-type: none"> 1. PMA -103A :Recent Developments in Relativity and Cosmology 2. PMA -103B : Differential Equation 3. PMA -103C : Cryptography and Coding Theory 4. PMA -103D : Megneto-Hydrodynamics
Department: Sociology
<ol style="list-style-type: none"> 1. PSO 103A :Recent Development in Sociology 2. PSO 103B : Perspectives on Sociology 3. PSO 103C :Sociology of Marginalized Communities
Department: Applied Biology
<ol style="list-style-type: none"> 1. PAB -103A :Medical Biotechnology 2. PAB -103B : Microbial Appositeness and Product Development 3. PAB -103C : Advanced Technique in Food and Plant Biotechnology
Department: Social Work
<ol style="list-style-type: none"> 1. PSW-103A : Social Work in Industry 2. PSW-103B : Mental Health 3. PSW-103C : Rural, Tribal and Community Development 4. PSW-103D : Persons with Disability and Social Work
Department: Botany
<ol style="list-style-type: none"> 1. PBO-103A : Angiosperm Taxonomy 2. PBO-103B : Applied and Environmental Microbiology 3. PBO-103C : Mycology and Plant Pathology 4. PBO-103D : Plant Ecology 5. PBO-103E : Cytogenetic and Plant Breeding 6. PBO-103F : Plant Physiology and Biochemistry
Department: Chemistry
<ol style="list-style-type: none"> 1. PCH -103A : Recent Developments in Chemistry 2. PCH -103B : Advanced Synthetic Organic Chemistry 3. PCH -103C : Instrumentation Methods of Analysis
Department: Library & Information Science
<ol style="list-style-type: none"> A. PLS-103A : Recent Developments in Library and Information Science B. PLS-103B : Informatics and Scientometrics C. PLS-103C : Library Automation and Networking
Department: Zoology
<ol style="list-style-type: none"> A. PZO-103A: Recent Development in Zoology B. PZO-103B : Advanced Laboratory Techniques in Zoology and Their Applications C. PZO-103B : Field Research Techniques in Zoology
Department: Prof Qoumru Hoque School of Education(PQHSE)