

TERI SAS (Deemed to be University)



10, INSTITUTIONAL AREA, VASANT KUNJ, NEW DELHI

MINUTES

57TH MEETING OF ACADEMIC COUNCIL

Meeting No. : 57th (Fifty Seven)

Date : 25 October 2023 (Wednesday)

Venue : Conference Room, TERI School of Advanced Studies

Time : 10.30 AM

TERI SAS (Deemed to be University)
MINUTES FOR THE 57th MEETING OF THE ACADEMIC COUNCIL
25 October 2023 (10.30 AM ONWARDS)

ITEMS AT A GLANCE

Item No.	Particulars
Item No.57.1:	Welcome and opening remarks by the Vice Chancellor
Confirmation of Minutes	
Item No. 57.2:	To confirm the minutes of the Fifty Sixth (56 th) Meeting of the Academic Council held on 10 August 2023.
Action Taken Report	
Item No. 57.3:	Action Taken Report on the 56 th Academic Council Meeting.
Agenda items for Information	
Item No. 57.4.	Agenda Items
	57.4.1 Admissions and commencement of the Academic Year 23 – 24 for UG and PG Programs.
	57.4.2 Introduction of Scholarship.
Agenda items for Consideration	
Item No. 57.5.	Agenda Items
	57.5.1 To approve award of PG Diploma as an exit option (after 1st year) for PG students.
	57.5.2 To consider and approve CGPA/SGPA required for award of Degree for M.Sc/M.Tech/M.A/MBA /LLM Programs.
	57.5.3 To consider and approve commencement of additional program in the UG/Integrated/ PG for the Academic year 2024-25.
	57.5.4 To consider and approve a scholarship of 50% of the tuition fee amount for the employees, their spouse and children of TERI and TERI SAS.
	57.5.5 To consider and approve B.Arch as an eligibility criteria in addition to the existing for the purposes of admission for M.Tech (REEM).
Item No. 57.6:	Any other item with the permission of the Chair
	57.6.1 To consider and approve Master of Science (M.S) Research at TERI SAS.

TERI SAS (Deemed to be University)
MINUTES FOR THE 56th MEETING OF
THE ACADEMIC COUNCIL
25 October 2023 (10.30 AM ONWARDS)

DETAILED AGENDA ITEMS

The Fifty Seventh meeting of the Academic Council was held on 25 October 2023 at 1030 hours.
The following were present:-

Members

Prof. Prateek Sharma, VC, Chairperson
Prof Sagnik Dey
Prof Vivek Suneja
Prof Shaleen Singhal
Dr Suneel Pandey
Prof Ramakrishnan Sitaraman
Prof Arun Kansal
Prof Anandita Singh
Prof Naqui Anwer
Prof Chander Kumar Singh
Dr Chaithanya Madhurantakam
Dr Sukanya Das
Dr Ranjana Ray Chaudhuri
Dr Shruti Sharma Rana
Dr Priyanka Arora
Dr Amit Singh
Dr Ramkishore Singh
Prof Shashi Bhushan Tripathi
Col B Venkat, Registrar

Item No 57.1: Welcome and opening remarks by the Vice Chancellor

Confirmation of Minutes

Item No. 57.2: To confirm the minutes of the Fifty Sixth Meeting of the Academic Council held on 10 August 2023.

The minutes of the Fifty Sixth Meeting of the Academic Council, held on 10 August 2023, were circulated to the members and no comments were received.

The Academic Council may, therefore, consider confirming the minutes, as circulated.

Placed before the Academic Council for confirmation.

Resolution: Minutes of the 56th Meeting of the Academic Council was confirmed.

Action Taken Report on the 56th Academic Council Meeting.

Item No. 57.3: Action Taken Report on the 56th Academic Council Meeting

Sr.No.	Agenda	Action taken
Item No.1	<p>56.4.1 To approve inclusion of SWAYAM courses.</p> <p>In accordance with the University Grants Commission (Credit Framework for Online Learning Courses through Study Webs of Active Learning for Young Aspiring Minds) Regulations, 2021 (Gazette notification No. No. F. 1-100/2016(MOOCs/e-content) dated March 25, 2021, TERI SAS shall recognize credits earned by students through the SWAYAM portal.</p> <p>Guidelines:</p> <ol style="list-style-type: none"> 1. The authority to approve inclusion of SWAYAM courses in a given program (for core or degree/discipline-specific elective courses) will be vested with the respective Chairpersons of the Departmental Boards of Studies in accordance with section 4(9) of the UGC gazette notification No. No. F. 1-100/2016(MOOCs/e-content) dated March 25, 2021. 2. The decision to incorporate a SWAYAM course into a particular program (UG/PG/doctoral) shall be initiated by the program coordinator with a view to act as an enabler to the offered courses. 3. Laboratory- /field work-based, programme core and elective courses shall not be delivered through SWAYAM. 4. The program coordinator will seek approval for the inclusion of chosen SWAYAM courses through the Departmental Board of Studies. The BoS will compare the coverage, level of the selected SWAYAM courses and the means of assessment with the published course outlines to evaluate their suitability for inclusion. 5. Notwithstanding the above guidelines, SWAYAM materials may be freely employed as learning aids to enhance the quality of teaching based on the course coordinator's judgement in any course of any type without requiring statutory approval. However, such sessions shall not be counted towards credit or attendance requirements. It is proposed that SWAYAM courses be adopted in TERI SAS as follows from the forthcoming Academic Session 23 – 24 : <ol style="list-style-type: none"> 1. All program coordinators to identify the courses available on SWAYAM or from online platforms offered by IITs that can be presented as substitute to the offered courses. 	<p>SWAYAM courses are under finalisation by the respective Departments.</p>

	<p>2. Matching parameters be identified and suggestions / recommendations (if any) be provided.</p> <p>3. The activity shall not be offered for core and laboratory courses.</p> <p>4. Methodology for offering the courses be identified with assessment and other requirements leading to availing the credits.</p> <p>Placed before the Academic Council for confirmation.</p> <p>Resolution: Academic Council recommended that the courses proposed to be offered be scrutinised in detail for content mapping, duration of the course and assessment parameters.</p>	
<p>Item No.2</p>	<p>Item No.56.4.2 To consider and approve course outlines under offer from the programmes AY 2023-24 Department of Biotechnology No changes to the existing courses.</p> <p>Department of Natural and Applied Sciences 56.4.2.1 To consider and approve first semester courses of the new 5-year Integrated Master Programmes in Data Science and Environmental Studies. The Academic Council is requested to discuss and approve first semester courses of the new 5-year Integrated Master Programme Structure in Data Science and Environmental Studies programme. Resolution: Academic Council noted the same.</p> <p>Department of Sustainable Engineering 56.4.2.2. To consider the proposed changes in programme structure and course outlines of the MTech Urban Development Management (UDM) programme for approval. In MTech (UDM) programme, the course “Urban systems and modelling (Course code: MEU 183)” shall be offered in 3rd semester as 2-credit course without any change in course outline thereby total number of credits to award degree will be 74. In the last meeting of AC, it was proposed by the programme coordinator of M.Tech (UDM) that the course “Urban systems and modelling” shall be changed to a 3-credit course and be offered in 2nd semester. Seeking approval to revoke the changes proposed in last meeting of AC and reinstate the previous status quo of the course “Urban systems and modelling (Course code: MEU 183)” and approved that it shall be offered</p>	<p>The courses have since been offered in the respective programs for the AY 23 - 24</p>

in 3rd semester as 2-credit course with overall credit requirement for the award of the degree would now be 74.

Resolution: Academic Council noted the same.

56.4.2.3 To consider the proposed changes in course names and course outlines for the already approved programme structure of the MTech Renewable Energy Engineering and Management (REEM) programme for approval. The new programme structure of M.Tech (REEM) has already been approved by the members of AC in the last meeting.

A new course titled “Applications of Machine Learning in Renewable Energy” has been introduced in 3rd semester.

Seeking approval for the course outline of the new course titled “Applications of Machine Learning in Renewable Energy” and acknowledge the change in name of following three courses (No change in syllabus/course outline):

(i) Course “Field Visits to RE plants/sites” offered in 2nd semester to be renamed as “Seminar on Field visits to RE plants/sites”.

(ii) Course “Summer Internship” offered in 3rd semester to be renamed as “Dissertation - I/Industrial Project”.

(iii) Course “Major Project” offered in 4th semester to be renamed as “Dissertation - II/Major Project”.

Resolution: Academic Council noted the same.

56.4.2.4 To consider the course outline of the course “Independent Study” to be offered to second semester students of PG Diploma in Renewable Energy Management (PGDREM) for approval.

The course “Independent Study” is proposed to be offered to second semester students of PG Diploma in Renewable Energy Management (PGDREM). This course was part of the programme M.Tech (Renewable Energy Engineering and Management) with 3 credits. For PGDREM the proposed credit for the course is 4 with more emphasis given to literature review and/or experimental work and more tutorial hours.

Resolution: Academic Council noted the same.

Department of Policy and Management Studies

	<p>56.4.2.5 To consider and approve first semester course outline of FYUP Economics and third semester course outline of MSc (Economics) programme. The Academic Council is requested to discuss and approve first semester course outline of FYUP Economics and third semester course outline of MSc (Economics) programme. Placed before the Academic Council for confirmation. Resolution: Academic Council noted the same.</p> <p>56.4.2.6 To consider and approve third semester course outline MA (Sustainable Development Practice) programme The Academic Council is requested to discuss and approve third semester course outline of MA (Sustainable Development Practice) programme. Resolution: Academic Council noted the same.</p> <p>56.4.2.7 To consider and approve first semester course outlines of FYUP programme of BBA and third semester course outline of MBA (Sustainability Management) programme The Academic Council is requested to consider and approve the first semester course outlines of FYUP programme of BBA and third semester course outline of MBA (Sustainability Management). Resolution: Academic Council noted the same.</p>	
<p>Item No.3</p>	<p>Item No.56.4.3 Registration of Four MOOCs on "Buddhist Culture and Tourism" for July 2023 Semester on SWAYAM Platform UGC has opened registration of its four MOOCs on "Buddhist Culture and Tourism" for July 2023 Semester on the SWAYAM Platform (www.swavam.gov.in/UGC). Out of these four courses, the first three are being re-run on the SWAYAM Portal, due to a huge response from the learners. These MOOCs are developed for the revival of India as a Global Centre of Buddhist Culture and Tourism. The details of the MOOCs are as below:- 1. The History of Indian Buddhism 2. Buddhist Philosophy. 3. Abhidhamma (Pali). 4. Buddhist Tourism. Higher Education Institutions (HEIs) are requested to get these MOOCs approved and adopted through their statutory bodies as per the University Grants Commission (Credit Framework for Online Learning Courses through Study Webs of Active Learning for Young Aspiring Minds) Regulations, 2021. The HEIs may also use these MOOCs in a Blended mode of</p>	<p>Students have been informed of the courses</p>

	learning in their concerned Institutions. These four courses may be added to the list of available open elective courses in the coming semester for both continuing and incoming students, including doctoral students. Resolution: Academic Council noted the same.	
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Resolution: The action taken report was noted.

Agenda Items for Information

Item No. 57.4

57.4.1 Admissions and commencement of the Academic Year 23 – 24 for UG and PG Programs.

The Academic session 23 – 24 commenced as follows:-

- (a) 2nd year PG. 17 August 23.
- (b) 1st year PG. 01 September 23.
- (c) 1st year UG. 11 September 23.

Final admissions after the withdrawals in UG and PG for the Academic Year 23 - 24 are as follows:-

- (a) UG. 24 students
- (b) PG. 422 students

Ser. No	Name of the Programme	No. of student enrolled
PG Programs		
1	LLM	24
2	MBA-SM	58
3	M.Sc. - BT	39
4	MA – PPSD (Ongoing)	8
5	MA - SDP	55
6	M.Sc. - CSP	28
7	M.Sc. - Eco	81
8	M.Sc. - ESRM	60
9	M.Sc. - GEO	47
10	M.Tech. - REEM	21
11	PGDREM	1
	Total	422
UG/Integrated Programs		
1	Bachelor of Business Administration	6
2	Bachelor of Science (Data Science)	7
3	Bachelor of Science (Economics)	5
4	Bachelor of Science (Environmental Studies)	6
	Total	24

Three programmes – M.Tech. (WREM). M.Tech (UDM) and M.Sc. (WSG) are not being offered in the current academic session due to very low intake of students in these programmes.

For information of the Academic Council please.

While complimenting the TERI SAS for their Good outreach and admissions, the Academic council recommended increase in the programs being offered at the UG level. This more so considering the fact that in times to come, the Masters program shall be of 01 year (for which TERI SAS needs to align themselves) and an increased focus at the UG level.

57.4.2 Introduction of Scholarship.

PGDREM has been introduced as a weekend program from the current academic year. To promote the program and ensure that maximum candidates benefit from the same, TERI SAS scholarship has been introduced in the PGDREM. An amount of Rs 30,000 at the time of admission is provided to the student having its score more than 60% in the UG program pertaining to PGDREM.

For information of the Academic Council please.

Academic Council noted the same.

Agenda Items for Consideration

Item No. 57.5 Agenda items

57.5.1 To approve award of PG Diploma as an exit option (after 1st year) for PG students.

NEP 2020, provides for Multiple entry and exit options to the students specifically to ensure their employability at every level of exit.

Further, reference is drawn to NHEQF, Para 4.2 (Table 1: Types of qualifications and qualification title/nomenclature). Types and title/nomenclature of qualifications Programme duration pertaining to Post-Graduate Diploma in (Field of study/discipline) reproduced below:-

“One year (two semesters) in the case of those who exit after successful completion of the first year (two semesters) of the 2-year master’s degree programme.”

This has been further equated to be at Level 6 as per NHEQF.

For consideration of the Academic Council please.

Resolution: Academic Council approved the same keeping into consideration the defining norms as per NEP 2020 and NHEQF.

57.5.2 To consider and approve CGPA/SGPA required for award of Degree for M.Sc/M.Tech/M.A/MBA /LLM Programs.

Item No. TS/AC/42.6.1 of the 42nd AC meeting (reproduced below).

To consider and approve CGPA/SGPA required for award of Degree.
TS/AC/42.6.1. The council resolved to approve the followings:

- (a) The SGPA at the end of the first Semester should be no less than 5.0 for the continuation of registration for the next semester.
- (b) The CGPA at the end of the second semester should be no less than 5.5 for the continuation of registration for the subsequent semester.
- (c) The CGPA at the end of the third semester should be no less than 6.0 for

the continuation of registration for the subsequent semester.

(d) Students are required to acquire a CGPA no less than 6.0 in a Programme to qualify for the award of the degree. In case CGPA is less than 6.0 at the end of meeting the ordinary credit requirements of given Programme, the student shall take additional courses /undertake an additional project, until the CGPA requirement is met.

(e) These regulations shall be effective from Academic Year 2018-19.

It is proposed that the SGPA 4 be the qualifying criteria for progressing to next semester, and a CGPA of 4 for the purposes of award of PG Diploma/degree. Further a CGPA of 4 be the qualifying criteria for award of certificate/diploma/degree/degree with Hons or Hons with research and MSc for UG/Integrated programs.

For consideration of the Academic Council please.

Resolution: Academic Council deliberated in length on the merits of the proposal and keeping into consideration the general practice followed across the country, approved the same.

57.5.3 To consider and approve commencement of additional programs in the UG/Integrated/PG for the Academic year 2024-25.

It is proposed to commence following program in the UG/Integrated/PG from the academic year 2024-25:-

- (a) Five-year Integrated Post graduate program in Statistics.
- (b) M.Sc. in Energy Studies & Management.

For consideration of the Academic Council please.

Resolution: Academic Council approved the proposal with recommendation to have the nomenclature of Five-year Integrated Post graduate program in Statistics revisited to include sustainability aspect.

No.57.5.4 To consider and approve a scholarship of 50% of the tuition fee amount for the employees, their spouse and children of TERI and TERI SAS.

As a means of promoting higher education and providing opportunities to the employees, their spouse and children of TERI and TERI SAS, it is proposed to institute a scholarship of 50% and 75% respectively of the tuition fee amount.

For consideration of the Academic Council please.

Resolution: Academic Council approved the agenda.

No.57.5.5 To consider and approve B.Arch as an eligibility criteria in addition to the existing for the purposes of admission for M.Tech (REEM).

Present eligibility criteria for admission to M.Tech (REEM) is Graduate or equivalent from any branch of Engineering or Postgraduate or equivalent in Environmental Science, Physics, Mathematics, Statistics, Chemistry, Geology, Atmospheric Science, Economics, Geography, Agricultural Science with mathematics at 10+2 level.

It is proposed that B.Arch be also considered as an eligibility criteria in addition to the existing for the purposes of admission for M.Tech (REEM).

For consideration of the Academic Council please.

Resolution: Academic Council approved the agenda.

Item No.57.6 Any other item with the permission of the Chair

57.6.1 To consider and approve Master of Science (M.S) Research at TERI SAS.

Dean Academic proposed commencement of M.S Research at TERI SAS of 2 years (maximum duration to complete shall be 3 years) with eligibility criteria as BE/B Tech or Masters degree in appropriate Sciences with a suitable score in GATE/NET or equivalent national level examination to get admission into MS Research (with specialisation in select disciplines) from the Academic year 2024.

The Admission Process shall include GATE, CSIR-NET, or UGC-NET score; and personal interview. The delivery of the program shall have 30% credits through taught courses focusing on research methods, tools, principles for research and sustainability and the balance 70% credits through - research proposal development and defence; conducting the research including empirical work and analysis; writing a thesis; defending the thesis orally.

The proposal has the following potential benefits:-

- (a) Focused on research.
- (b) Acquiring critical-thinking skills required to address real life sustainability challenges.
- (c) Potential to propel the career prospects in overarching and specific sustainability domains.
- (d) Potential to prepare the profile for career prospects into advance research and/or academics.
- (e) Flexible duration.

For consideration of the Academic Council please.

Resolution: Academic Council while appreciating the merit of the agenda, recommended presentation of a detailed structured proposal with a concept note for the same. Subsequently, the proposal needs to be forwarded to the AICTE for their approval.

