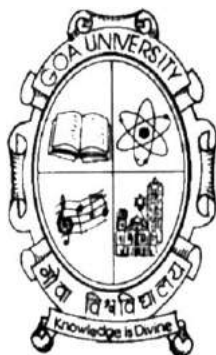


GOA UNIVERSITY



MINUTES OF THE IX ACADEMIC COUNCIL



MEETING	DATE
First Meeting	30th September, 2016
Second Meeting	22nd December, 2016
Third Meeting	6th & 7th March, 2017
Fourth (special) Meeting	14th March, 2017
Fifth Meeting	22nd May, 2017
Sixth Meeting	4th and 13th September, 2017
Seventh Meeting	6th December, 2017
Eight Meeting	16th February, 8th March & 21st March, 2018
Ninth Meeting	11th , 15th and 18th May, 2018
Tenth Meeting	25th July, 2018
Eleventh Meeting	15th November, 2018
Twelfth (Special) Meeting	8th December, 2018
Thirteenth Meeting	8th & 9th March, 2019
Fourteenth Meeting	10th & 24th May, 2019
Fifteenth Meeting	12th & 13th September, 2019
Sixteenth Meeting	12th & 13th December, 2019
Seventeenth Meeting	19th June, 2020
Eighteenth Meeting	23rd, 24th & 27th July, 2020

GOA UNIVERSITY
Taleigao Plateau, Goa 403 206

REVISED MINUTES

For the 18th Meeting of the

IX ACADEMIC COUNCIL

Day & Date

23rd, 24th and 27th July, 2020

Time

10.00 a.m.

HELD
ONLINE VIA GOOGLE MEET

D 3.19	<p>Minutes of the meeting of Board of Studies in Journalism & Mass Communication held on 09.07.2020.</p> <p>The Academic Council approved the minutes of the meeting of Board of Studies in Journalism & Mass Communication held on 09.07.2020.</p> <p>The Academic Council also approved the SWAYAM Courses recommended by the Board. The number of credits would however be assigned based on the recommendation of the Committee to be constituted for the purpose.</p> <p align="center">(Action: AR- Academic PG)</p>
D 3.20	<p>Minutes of the Board of Studies in Electronics meeting held on 03.07.2020.</p> <p>The Academic Council approved the minutes of the Board of Studies in Electronics meeting held on 03.07.2020.</p> <p>The Academic Council also approved the SWAYAM Courses for M. Sc I & II Electronics (Post Graduate) and B.Sc. Electronics (Undergraduate). The number of credits would be assigned based on the recommendation of the Committee to be constituted for the purpose.</p> <p align="center">(Action: AR- Academic PG)</p>
D 3.21	<p>Minutes of the meeting of Board of Studies in English held on 10.07.2020.</p> <p>The Academic Council approved the minutes of the meeting of Board of Studies in English held on 10.07.2020 with the suggestions.</p> <p>The Academic Council approved the list of recommended SWAYAM Courses except the number of credits assigned for the Courses. The Chairperson BoS was requested to put the Courses in the proper format. The number of credits would be assigned based on the recommendation of the Committee to be constituted for the purpose.</p> <p>The Course ENG 102 Popular Literature was to be added under Generic Electives for both Honours and General.</p> <p align="center">(Action: AR- Academic PG)</p>
D 3.22	<p>Minutes of the Online meeting of Board of Studies in Chemistry held on 10.07.2020.</p> <p>The Academic Council approved the minutes of the meeting of Board of Studies in Chemistry held on 10.07.2020.</p> <p>The Academic Council approved the SWAYAM Courses. The number of credits are to be assigned based on the recommendation of the Committee to be constituted for the purpose.</p> <p>The Academic Council also approved the Guidelines for setting question papers for the Core Courses (Regular and Repeat Examinations) and the calculation of ISA & SEA weightage.</p> <p align="center">(Action: AR- Academic PG)</p>
D 3.23	<p>Minutes of the meeting of the Board of Studies in Portuguese held on 14.07.2020.</p> <p>The Academic Council approved the minutes of the meeting of the Board of Studies in</p>

GOA UNIVERSITY
Taleigao Plateau, Goa 403 206

A G E N D A

For the 18th Meeting of the

IX ACADEMIC COUNCIL

Day & Date

23rd, 24th & 27th July, 2020

Time

10.00 a.m.

Online Via Google Meet

	<p style="text-align: center;">as mentioned below a) (Nil) b) (Nil)</p> <p>iii. The declaration by the chairman that the minutes were readout by the Chairman at the meeting itself.</p> <p>Date: 11th July 2020. Place: Goa University.</p> <div style="text-align: right;">Sd/- Signature of the Chairman</div> <p>Part G.</p> <ul style="list-style-type: none"> i) The Remarks of the Dean of the Faculty ii) The minutes are in order iii) The minutes may be placed before the Academic Council with remarks if any. iv) May be recommended for approval of Academic Council. v) Special remarks if any. <p>Date: Place:</p> <div style="text-align: right;">Sd/- Signature of the Dean (Back to Index)</div>
D 3.20	<p>Minutes of the Board of Studies in Electronics meeting held on 03.07.2020.</p> <p>Part A</p> <p>(I) Recommendations regarding courses of study in the subject or group of subjects at the undergraduate level: SWAYAM courses are listed (Annexure I refer page no 314).</p> <p>(II) Recommendations regarding courses or group of subjects at postgraduatelevel: SWAYAM coursesare listed (Annexure II refer page no 315).</p> <p>Part B</p> <p>(I) Scheme of the Examinations at UndergraduateLevel:</p> <p>a. The SWAYAM courses exams if conducted by SWAYAM platform then after proper scaling of marks may be considered for preparing mark sheet. If the examination is not conducted by SWAYAM platform then the exam may be conducted by theconcern co-coordinating teacher. For external examination rules in force will beapplicable.</p> <p>b. As most of credits available at the undergraduate levels are 06 credits (Curriculum offers04T + 02 P), full credits (i.e. 06) may be offered in lieu of practical's (i.e. 02).</p> <p>(II) Panel of examiners for different examinations at UndergraduateLevel: No change</p> <p>(III) Scheme of the examinations at post-graduatelevel:</p> <p>II) The SWAYAM courses exams if conducted by SWAYAM platform then after proper</p>

scaling of marks may be considered for preparing mark sheet. If the examination is not conducted by SWAYAM platform then the exam may be conducted by the concerned co-coordinating teacher. For external examination rules in force will be applicable.

(IV) Panel of examiners for different examinations at post-graduate Level:

No Change

Part C

II) Recommendations regarding preparation and publication and selection of Anthologies in any subject or group of subjects and the names of person recommended for appointment to make the selection

Nil

Part D

II) Recommendations regarding general academic requirements in the Departments of University or affiliated colleges:

No change

II) Recommendation of Academic Audit Committee and status thereof

No

Part E

(I) Recommendations of text books for the course for study at the Undergraduate level:

No change

(II) Recommendations of text books for the courses of study at the postgraduate level:

List of books required is indicated below each subject in the syllabus.

Part F

Important points for consideration/approval of Academic Council

(i) The Important points/recommended of BOS that require consideration/approval of

Academic council (points to be highlighted) as mentioned below.

- SWAYAM registration fees if applicable, mechanism of refund has to be identified.
- SWAYAM courses are added for both UG and Pg level

(II) The declaration by the Chairman, that the minutes were read out by the Chairman at the meeting itself.

Sd/-

Signature of Chairman

Date: 03/07/2020

Place: Goa University

Part G: The remarks of the Dean of the Faculty.

D 3.20 Minutes of the Board of Studies in Electronics meeting held on 03.07.2020.

Annexure I

List of SWAYAM Courses to be offered for M. Sc I & II Electronics (Post Graduate)

Title	Resource Person	Duration	Start Date/End date	Enrollment ends	Level	Credits
M.Sc I						
Numerical Methods And Simulation Techniques For Scientists And Engineers	Prof. Saurabh Basu	8 weeks	17 Aug 2020 End Date : 09 Oct 2020	17 Aug 2020	UG/PG	4
Programming, Data Structures And Algorithms Using Python	Prof. Madhavan Mukund	8 week	20 Jul 2020 11 Sep 2020	27 Jul 2020	PG	4
Python for Data Science	Prof. Ragunathan Rengasamy	4 week	20 Jul 2020 14 Aug 2020	27 Jul 2020	PG	2
M.Sc II						
Introduction to Internet of Things	Prof. Sudip Mishra	12 weeks	20 Jul 2020 09 Oct 2020	27 Jul 2020	UG/PG	6
Big Data Computing	Prof. Rajiv Misra	8 weeks	17 Aug 2020 09 Oct 2020	17 Aug 2020	PG	4
High Performance Computing for Scientists and Engineers	Prof. Somnath Roy	8 weeks	20 Jul 2020 11 Sep 2020	27 Jul 2020	UG/PG	4

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Annexure II

LIST of SWAYAM Courses to be offered for B.Sc. Electronics (Undergraduate)

Title	Resource Person	Duration	Start Date/End date	Enrollment ends	Level	Numbers of Cred it
Analog Electronic Circuit F.Y(DSC)	Prof. Shouribrata Chatterjee	12 weeks	20 Jul 2020 to 09 Oct 2020	27 Jul 2020	UG	06
Digital Circuits F.Y(DSC)	Prof. Santanu Chattopadhyay	12 weeks	20 Jul 2020 to 09 Oct 2020	27 Jul 2020	UG	06
Semiconductor Devices and Circuits F.Y(DSC)	Prof. Sanjiv Sambandan	12 weeks	20 July 2020 to 09Oct. 2020	27 Jul 2020	UG	06
Analog communication S.Y(DSC)	Prof. Goutam Das	12 weeks	20 Jul 2020 to 09 Oct 2020	27 Jul 2020	UG	06
Problem solving through Programming In C S.Y(DSC)	Prof. Anupam Basu	12 weeks	20 Jul 2020 to 09 Oct 2020	27 Jul 2020	UG	06
Introduction to Programming in C S.Y(DSE)	Prof. Satyadev Nandakumar	8 weeks	20 Jul 2020 to 11 Sep 2020	27 Jul 2020	UG	04
Programming in C++ S.Y(DSE)	Prof. Partha Pratim Das	8 weeks	20 July 2020 to 11 Sept 2020	27 Jul 2020	UG	04

Semiconductor Optoelectronics T.Y(DSC)	Prof. M. R. Shenoy	12 weeks	20 Jul 2020 to 09 Oct 2020	27 Jul 2020	UG	06
Power Electronics T.Y(DSC)	Prof. G. Bhuvaneshwar	12 weeks	20 Jul 2020 to 09 Oct 2020	27 Jul 2020	UG	06
Scientific Computing using Matlab T.Y(DSC)	Prof. Mani Mehra, Prof. Vivek K. Aggarwal	12 weeks	20 Jul 2020 to 09 Oct 2020	27 Jul 2020	UG	06
Introduction to Embedded System Design T.Y(DSC)	Prof. Dhananjay V. Gadre, Prof. Badri Subudhi	12 weeks	20 Jul 2020 to 09 Oct 2020	27 Jul 2020	UG /PG	06
Introduction to Computer Networks & Internet Protocols T.Y(DSC)	Prof. Bhushan Trivedi	15 weeks	02 Jun 2020 to 31 Oct 2020	31 Aug 2020	UG	06
Semiconduct Optoelectronics T.Y(DSC)	Prof. M.R. Shenoy	12 weeks	20 July 2020 to 09Oct. 2020	27 Jul 2020	UG	06
Control engineering T.Y(DSC)	Prof. Ramkrishna Pasumarthy	12 weeks	20 July 2020 to 09Oct. 2020	27 Jul 2020	UG	06
Robotics T.Y(DSE)	Prof. Dilip Kumar Pratihari	8 weeks	20 July 2020 to 11 Sept 2020	27 Jul 2020	UG	04
Hardware Modelling using Verilog T.Y(DSE)	Prof. Indranil Sengupta	8 weeks	17 th Aug 2020 to 09 Oct 2020	17 Aug 2020	UG	04

Solar Photovoltaics Fundamentals, Technology And Applications T.Y(DSE)	Prof. Soumitra Satapathi	8 weeks	20 July 2020 to 11 Sept 2020	27 Jul 2020	UG	04
Programming, Data Structures And Algorithms Using Python T.Y(DSE)	Prof. Madhavan Mukund	8 weeks	20 Jul 2020 to 11 Sep 2020	27 Jul 2020	UG	04
Introduction to Robotics (T.Y.)	Prof Ashok T., Prof. Balaraman Ravindran, Prof. Krishna Vasudevan	12 weeks	20 July 2020 to 18th Oct. 2020	27 Jul 2020	UG Sem III	06
*Refrigeration and Air Conditioning(SEC)	Prof.Ravi Kumar	8 weeks	20 July 2020 To 27 Nov 2020	27 Jul 2020	UG Sem III	04
Innovation and Startup policy(SEC)	Prof. Rahul K. Mishra	8 weeks	15 May 2020 to 15 Nov 2020	31 Aug 2020	UG Sem V	04
Fundamentals of Electric Vehicles: technology and Economics(T.Y.)	Prof. Ashok Jhunhunwal Prof Kaushal Jha, Prof L. Kannan, Prof. Prabhjot Kaur.	8 weeks	17th Aug 2020 to 18 Oct 2020	17 Aug 2020	UG Sem V	04
Web Based Technologies and Multimedia Applications(T.Y.)	Prof.P. V. Suresh	12 Weeks	15 July 2020	NOT SPECIFIED	UG	

CLOUD COMPUTING(T. Y.)	Prof. Soumya Kanti Ghosh	8 Weeks	20 july 2020 To 11 Sep 2020	27 TH JULY	UG /PG	20 Hours
The Joy of Computing using Python(T.Y.)	Prof. Sudarshan Iyengar	12 weeks	20 July 2020 to 9 October2020	27 july 2020	UG /PG	30 Hours
An Introduction to Coding Theory(T.Y.)	Prof. Adrish Banerjee,IIT Kanpur	8 Weeks	17 Aug 2020	09 Oct 2020	UG PG	04
Computer architecture and organization(T.Y.)	Prof. Indranil Sengupta, Prof. Kamalika Datta, IIT Kharagpur	12 Weeks	20 Jul 2020	09 Oct 2020	UG	06

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