

**ACADEMIC AFFAIRS OFFICE  
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE**

No. Acd./1205/Senate-86

Dated: March 09, 2021

**NOTIFICATION**

**Subject: Structure of New Integrated M.Sc. Economics (Five Year Integrated) programme (86.14)**

The Senate in its 86<sup>th</sup> meeting held on 09.02.2021 considered and approved the structure of New Integrated M.Sc. Economics (Five Year Integrated) programme **(Appendix-A)**.

  
**Assistant Registrar (Curriculum)**

**Copy to (through e-mail):-**

1. Chairman Senate & Director
2. All faculty
3. All Head of Departments/ Centres
4. Dean, Academic Affairs
5. Associate Dean of Academic Affairs (Curriculum)/(Evaluation)
6. Assistant Registrar (Admission)/(Evaluation)
7. Meeting Section
8. Channel I/ Acad portal/ Academic webpage of iitr.ac.in

**Indian Institute of Technology Roorkee  
Department of Humanities and Social Sciences**

**MSE (BS+MS in Economics)  
(Five Year Integrated Programme)**

**Programme Overview**

MSE (MS in Economics) programme will be of particular interest if one envisages a career which calls for advanced analytical skills, draws on advanced knowledge of economics, and shall ensure exposure to contemporary and emerging economic policy issues at the national and international levels. The programme is unique as it would help the students to apply various economic principles, theories and models, and understand the technical foundations behind them. This would enable students to alter, amend, empirically test and adapt them to the changing economic environment.

**Programme Features**

The MSE (MS in Economics) programme will be an in-depth programme that will equip students with the tools a professional economist needs to work in government or in international organisations, or to carry out economic research. This programme will give students rigorous training in the core areas of economics to make them proficient in the latest analytical and quantitative techniques. Students will also receive a firm grounding in mathematical and econometric techniques, microeconomics and macroeconomics, including their application to new economic problems.

Students want to have an exit degree may get it as BS (Economics) in completion of 4th year of the Programme.

**Admission Eligibility/ Mode of Admission**

Through IIT JEE Entrance Examination.

**No. of Proposed Seats**

The total number of seats proposed for the 5yr MSE (MS in Economics) programme is 33.

The breakup of the seats for this programme is: 16 (GEN) + 8 (OBC) + 3 (EWS) + 4 (SC)  
+ 2 (ST)

**Programme Duration**

The MSE (MS in Economics) programme would be a five-year full-time programme, with each year comprising the autumn and spring semesters with complete programme spread over total of ten semesters. (Teaching Scheme attached)

  
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Note: Students want to have an exit degree may get it as BS (Economics) in completion of 4<sup>th</sup> year of the Programme.

Students want to have BS degree have to intimate to DAA about their Option before the commencement of the Autumn Sem of 3<sup>rd</sup> Year during their subject registration and they may exit the Programme at the end of 4<sup>th</sup> Year

Students want to have BS degree may exit the Programme at the end of 4<sup>th</sup> Year; Students with BS degree can opt for Project work as an elective under Department elective III and IV (total 6 credits, 3 credit each)

### Programme Structure

	Autumn Semester		Spring Semester	
1 <sup>ST</sup> YEAR	Semester I	Courses taught are of the same Structure like all other Branches (BSC, ESC, HSSMEC, GSC), One PCC (Introduction to the Discipline)	Semester II	Three PCC- Level 1 Microeconomics, Level 1 Macroeconomics, Basic Statistics along with BSC and ESC Courses
2 <sup>ND</sup> YEAR	Semester III	Four PCC Courses along with One ESC course	Semester IV	Three PCC Courses along with One BSC Course and One HSSMEC Course
3 <sup>RD</sup> YEAR	Semester V	PCC and PEC Courses (Programme Elective)	Semester VI	PCC and PEC Courses (Programme Elective)
	<ul style="list-style-type: none"> <li>• Students will have Programme Electives starting this year (from Autumn Semester).</li> <li>• Students will have Institute Open Elective (in Spring Semester).</li> <li>• Students can start opting for Minor Specialization Course from Other Departments/Courses (from Spring Semester).</li> </ul>			
4 <sup>TH</sup> YEAR	Semester VII	PCC and PEC Courses (Programme Elective)	Semester VIII	PCC and PEC Courses (Programme Elective)
	<ul style="list-style-type: none"> <li>• Students will have Programme Electives (in Autumn and Spring Semester).</li> <li>• Students can opt for Minor Specialization Course from Other Departments/Courses (in Autumn and Spring Semester).</li> </ul>			
5 <sup>TH</sup> YEAR	Semester IX	PCC and PEC Courses (Programme Elective)	Semester X	PCC (Dissertation) and PEC Courses (Programme Elective)
	<ul style="list-style-type: none"> <li>• Students will have Seminar (in Autumn Semester).</li> <li>• Students will have Dissertation (in Spring Semester).</li> </ul>			

  
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	<ul style="list-style-type: none"> <li>• Students can start opting for Minor Specialization Course from Other Departments/Courses(in Autumn and Spring Semester).</li> </ul>
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MSE (MS in Economics) Programme structure shall be according to minimum and maximum credit requirements in each semester. In each semester, the student shall require to fulfill maximum of 18-24 credits. Courses may be of credits ranging from 2 to 4.

### Programme Evaluation

The programme course(s) evaluation would be based on mid-term, end-term and coursework including seminar presentations, group discussions, term papers and summer internship as per institute evaluation scheme.

Total Credits: as per other MS/MSc programmes of the Institute)

### Career Prospects

Careers open to students who successfully complete the MS Economics degree include economic advisory at government and semi-government departments, financial analysts and advisors to national and international financial institutions, data analysts and researchers as well as consultancy. In addition, the programme may also offer a route into further study at the Ph.D. level at various international academic institutions. The institute placement and training Centre can arrange campus placements by prospective employers from:

*Financial Services*-Reserve Bank of India, American Express Bank, HSBC Bank, ICICI Bank, Roulac Global Investments, National Institute of Securities Markets (NISM), Fidelity Investments, Indian Credit Rating Association (ICRA), Industrial Development Bank of India (IDBI), Iflex Solutions, National Commodities & Derivatives Exchange Ltd., etc.

*Government Departments*-Planning Commission (NITI Aayog), Ministry of Finance, Indian Council for Social Science Research (ICSSR), etc.

*Research and Consultancy*-Crisil Research, Deloitte, Ernst & Young and PwC, Institute for Financial Management and Research, NCAER, etc.

*International Agencies*- Economic advisor and experts to World Bank, Asian Development Bank, International Monetary Fund, OECD, etc.

*Development*- Social sector, NGOs, MFIs, NABARD, etc.

  
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