

INDIRA GANDHI NATIONAL OPEN UNIVERSITY
Planning & Development Division

IG/P&DD/ODL/Launch/1892
24th November, 2023

Academic Programme Launch Notification No. 130
M.Sc. (Analytical Chemistry) (MSCANCHEM)

With the approval of the Competent Authority, the programme M.Sc. (Analytical Chemistry) (MSCANCHEM) will be offered through ODL mode from **January, 2024** session as per the following details:

Eligibility:

- Graduates with B.Sc. (Major/Honours) Degree in Chemistry from a recognised university.
- Graduates with a B.Sc. Degree (or equivalent) from a recognised university with Chemistry as one of three science subjects with equal weightage
- Graduates with a B.Sc. Degree from an Open University with a minimum of 20 Credits of Chemistry courses

Medium of Instruction: English

Duration: Minimum 02 Years; Maximum 04 Years

Fee Structure: ₹ 23,300/- per annum

Programme Details: Total Credits: 80

Examination Mode: Annual

Study Materials: Print and Digital (Both)

Expected Enrolment: 800 per cycle

Courses:

Course codes	Title of the Course	Type of Course	Course Credits
Semester-I			
MCH-011	Inorganic Chemistry -I	Theory	4
MCH-012	Organic Chemistry-I	Theory	4
MCH-013	General Physical Chemistry	Theory	4
MCHL-011	Chemistry Lab-I	Lab	2
MCHL-012	Chemistry Lab-II	Lab	2
MCHL-013	Chemistry Lab-III	Lab	2
MCH-014	Mathematics for Chemists	Theory	2
MCH-015	Biology for Chemists	Theory	2
Semester-II			
MCH-016	Inorganic Chemistry -II	Theory	4
MCH-017	Organic Chemistry-II	Theory	4
MCH-018	Quantum Chemistry and group theory	Theory	4
MCHL-014	Chemistry Lab-IV	Lab	2
MCHL-015	Chemistry Lab-V	Lab	2
MCHL-016	Chemistry Lab-VI	Lab	2
MCH-019	Green Chemistry	Theory	2


निदेशक / Director
योजना एवं विकास प्रभाग
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इ.गॉ.रा.मु.वि., मैदान गढ़ी, नई दिल्ली-68
IGNOU, Maidan Garhi, New Delhi-68

Course codes	Title of the Course	Type of Course	Course Credits
Semester-III			
MCH-001	Basic Analytical Chemistry	Theory	6
MCHL-001	Basic Analytical Chemistry Lab	Lab	2
MCH-002	Separation Methods	Theory	6
MCHL-002	Separation Methods Lab	Lab	2
MCH-0023	Environmental chemistry	Theory	4
Semester-IV			
MCHL-0018	Environmental chemistry Lab	Lab	2
MCH-020	Introduction to research	Theory	2
MCH-003	Spectroscopic Methods of Analysis	Theory	6
MCHL-003	Spectroscopic Methods of Analysis Lab	Lab	2
MCH-004	Electroanalytical and Other analytical methods	Theory	6
MCHL-004	Electroanalytical and Other analytical methods Lab	Lab	2

Details of Approval in the Academic Council:

Approved by the competent authority on 31st October, 2023 and will be ratified in the 62nd meeting of the Academic Council Standing Committee to be held on 30th November, 2023.

Contact Details of Programme Coordinator:

Prof. Sunita Malhotra and Prof. Lalita S. Kumar
 School of Sciences,
 IGNOU, New Delhi-110068
 Tel.011-2957- 2835/2808

Neeti Agrawal
 24/11/2023

(Prof. Neeti Agrawal)

Director, P&DD

निदेशक / Director

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To
 Directors of Schools, Head of Divisions
 AR, VCO & PS to all PVCs