Read this first

This is a **format template** for the IGNOU MSCBCH Project report, course MBCP 001, laid out from sections VI, VII, VIII and X of the MBCP-001 Research Project Guidelines (School of Sciences, January 2026 print). It shows page order, what each chapter carries and empty table shells. It contains **no results**: every number in your report must come from your own bench work, and this file must not be submitted or presented as your own work.

Prepared by the ignouproject.com editorial desk with AI assistance, from the guidelines named above, in November 2026. The chapter notes in the right-hand column are our suggestions; the part names and their order are the guidelines'. Text in [square brackets] is for your own entries.

Settings the January 2026 print asks for, used in this file: A4 paper, one-and-a-half line spacing (references and appendices may be single spaced), page numbers at the foot, a left margin of at least 1.5 inches (4 cm), top, right and bottom margins of 1.25 inches (3 cm), right margin unjustified, 12-point Times New Roman or 11-point Arial. Double-sided printing is allowed.

Points that differ between IGNOU papers, to confirm with mscbch@ignou.ac.in before you print:

Point	January 2026 print (eGyanKosh)	Older ignou.ac.in edition	OPMS, TEE December 2026
Length of the project documentation	About 75 to 100 pages	About 100 to 125 pages	Not stated
Where the report goes	One bound original to the Registrar, SED (Project Cell), plus upload on the SED link	To the Programme Coordinator or the Study Centre	Upload on OPMS by 30 November 2026, no hard copy to SED or RC
Viva	Programme Coordinator, face to face or Google Meet or Zoom	Project Programme Team	Under the concerned Regional Centre

SAMPLE FOR STUDY REFERENCE NOT FOR SUBMISSION

Order of the bound report

#	Part	What it carries
1	Cover page	Section X specimen: Indira Gandhi National Open University; Programme Code; Course Code; title; learner's full name; enrolment number; 'Submitted to the School of Sciences, IGNOU in partial fulfillment of the requirement for the award of the degree Master of Science in Biochemistry (MSCBCH)'; year of submission
2	Original approved proforma and project proposal	Original, not a photocopy, or the email approval from the Programme Coordinator; a report without it is returned
3	Certificate of Originality	Section VIII text, signed and dated by learner and supervisor, with names and addresses and the enrolment number
4	Acknowledgements	[Your own words]
5	List of Contents	Every chapter and section with page numbers
6	List of Tables and Figures	Numbered in chapter order
7	Abbreviations Used	PPO, U, Km and the rest you use
8	Abstract	Aim, method, main findings in figures, conclusion: [length agreed with your supervisor]
9	Chapter 1: Introduction	Background, rationale, objectives, hypotheses
10	Chapter 2: Review of Literature	Recent studies, matched to the reference list
11	Chapter 3: Materials and Methods	Material, reagents, instruments, every protocol, replicates, statistics
12	Chapter 4: Results	Tables and figures with your own data, each described in text
13	Chapter 5: Discussions	Your results against the studies in Chapter 2
14	Chapter 6: Summary and Conclusions	One conclusion per objective
15	Chapter 7: Recommendations	Practical and research recommendations
16	Chapter 8: Bibliography	One consistent format; every in-text citation listed
17	Appendices	Reagent preparation, standard curves, raw data sheets, instrument settings
18	Plagiarism report	Section VI point 4 asks for it with the report

The signed disclaimer: section VI asks every learner to include this declaration in the report and sign it:

"By submitting this project report, I declare that this work is entirely my own, except where clearly indicated by citations, and that I have not plagiarized any material from other sources. I understand that plagiarism is a serious academic offense and that submitting work that is not my own will result in disciplinary action, including

potential failure of this project report."

Signature: [ ] Date: [ ]

Separately, in its own envelope: the Remuneration Bill for the MSCBCH Project Supervisor (section IX), signed by the supervisor; the guidelines say a bill not sent with the report is not considered for payment.

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Chapter frames and empty table shells

Chapter 3: Materials and Methods

Frame: "Fruits of [variety] were obtained from [source] on [date]. Crude enzyme was extracted in [buffer, pH, molarity] at [temperature]. Activity was measured with [substrate, concentration] at [wavelength] nm. Each extraction was done [n] times and each assay in [n] replicates."

Chapter 4: Results

Table 4.1 [Title]: PPO activity, protein and specific activity by variety

Variety	Activity (U per mL)	Protein (mg per mL)	Specific activity (U per mg)	Mean and SD (n = [ ])
[ ]				
[ ]				
[ ]				

Table 4.2 [Title]: Effect of pH on relative activity

pH	Variety [1]	Variety [2]	Variety [3]
[ ]			
[ ]			
[ ]			

Table 4.3 [Title]: Apparent kinetic constants

Variety	Apparent Km (mM)	Vmax ([unit])	R^2 of the plot
[ ]			
[ ]			

Table 4.4 [Title]: Per cent inhibition by anti-browning agents

Agent	Concentration	Per cent inhibition	Mean and SD
[ ]			
[ ]			
[ ]			
[ ]			

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Sentence frames for hypothesis decisions (fill only with your own values):

Hypothesis	Frame
H01	One-way ANOVA gave F([df1], [df2]) = [ ], p = [ ]; the difference among varieties is [significant / not significant]; hence H01 is [rejected / retained].
H02	The agents [differed / did not differ] significantly in per cent inhibition (F = [ ], p = [ ]); hence H02 is [rejected / retained].
H03	Pearson's r between PPO activity and browning index was [ ] (p = [ ]); hence H03 is [rejected / retained].

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Certificate of Originality: layout from section VIII

This is to certify that the project report entitled [title, exactly as approved] submitted to Indira Gandhi National Open University in partial fulfilment of the requirement for the award of the degree of MASTER OF SCIENCE (BIOCHEMISTRY) is an authentic and original work carried out by [Mr./Ms. name] with enrolment no. [ ] under my guidance.

The matter embodied in this project is genuine work done by me and has not been submitted whether to this University or to any other University / Institute for the fulfilment of the requirements of any course of study.

Learner	Supervisor
Signature: [ ] Date: [ ] Name and address: [ ] Enrolment No.: [ ]	Signature: [ ] Date: [ ] Name, designation and address: [ ]

Cover page: layout from section X

INDIRA GANDHI NATIONAL OPEN UNIVERSITY
Programme Code: [MSCBCH] Course Code: [MBCP-001]

[TITLE OF THE PROJECT]
by
Learner's Full Name: [ ]
Enrolment No: [ ]

Submitted to the School of Sciences, IGNOU in partial fulfillment of the requirement for the award of the degree Master of Science in Biochemistry (MSCBCH)

Year of Submission: [ ]
Indira Gandhi National Open University, Maidan Garhi, New Delhi 110068

Before binding or upload: title identical on proforma, cover, certificate and throughout the report (sections VI.6 and VI.9); original approved proforma inside; certificate signed by both; plagiarism report attached; envelope marked MSCBCH PROJECT REPORT (MBCP-001) if a hard copy is asked for; a photocopy kept for the viva.

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