



Nagar Yuwak Shikshan Sanstha's
Yeshwantrao Chavan College of Engineering
 (An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

SoE No.
CE_HwR_101

B.Tech SCHEME OF EXAMINATION 2026-27
 (Department of Civil Engineering)
B.Tech Honors with Research in Civil Engineering

SN	Sem	Type	Sub. Code	Subject	T/P	L	T	P	Hrs	Credits	% Weightage			ESE Duration
											MSEs*	TA**	ESE	
1	VII	PC	CEHR701	Research Methodology (SWAYAM/NPTEL PLATFORM)	T	3	0	0	3	3		-	100	
2	VII	PC	CEHR702	Research Project Phase-I	P	0	0	6	6	6		40	60	
3	VIII	PC	CEHR801	Research Project Phase-II	P	0	0	18	18	9		40	60	
TOTAL						3	0	24	27	18				

INTAKE

- 1 The sanction class strength will depend Upon the Number of Ph.D. Supervisors in the Department in the concern subject (Sanction Intake = Number of Ph.D. Supervisors in the Department X 5)

To opt for honors with Research Degree, following will be the criteria:

- 1 No active backlogs
- 2 Students must typically obtain a specific CGPA of 7.5 while successfully earning the required credits (typically around 120-132) by the end of third year
- 3 Student must demonstrate: a. Interest in research, b. Ability to work on projects, c. Basic understanding of Research methodology & Problem-solving

To get honors with Research Degree, following will be the criteria:

- 1 Complete all credits
- 2 Successfully submit research thesis
- 3 Clear final viva (external)
- 4 At least one Journal/Conference Paper publication indexed in Scopus/WOS in VII & VIII sem

		Apr-26	1.00	Applicable for AY 2026-27 Onwards
Chairperson	Dean (Acad. Matters)	Date of Release	Version	



Nagar Yuwak Shikshan Sanstha's
Yeshwantrao Chavan College of Engineering
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SoE No.
ME_HwR_101

B.Tech SCHEME OF EXAMINATION 2026-27
 (Department of Mechanical Engineering)
B.Tech Honors with Research in Mechanical Engineering

SN	Sem	Type	Sub. Code	Subject	T/P	L	T	P	Hrs	Credits	% Weightage			ESE Duration
											MSEs*	TA**	ESE	
1	VII	PC	MEHR701	Research Methodology (SWAYAM/NPTEL PLATFORM)	T	3	0	0	3	3		-	100	
2	VII	PC	MEHR702	Research Project Phase-I	P	0	0	6	6	6		40	60	
3	VIII	PC	MEHR801	Research Project Phase-II	P	0	0	18	18	9		40	60	
TOTAL						3	0	24	27	18				

INTAKE

- 1 The sanction class strength will depend Upon the Number of Ph.D. Supervisors in the Department in the concern subject (Sanction Intake = Number of Ph.D. Supervisors in the Department X 5)

To opt for honors with Research Degree, following will be the criteria:

- 1 No active backlogs
- 2 Students must typically obtain a specific CGPA of 7.5 while successfully earning the required credits (typically around 120-132) by the end of third year
- 3 Student must demonstrate: a. Interest in research, b. Ability to work on projects, c. Basic understanding of Research methodology & Problem-solving

To get honors with Research Degree, following will be the criteria:

- 1 Complete all credits
- 2 Successfully submit research thesis
- 3 Clear final viva (external)
- 4 At least one Journal/Conference Paper publication indexed in Scopus/WOS in VII & VIII sem

		Apr-26	1.00	Applicable for AY 2026-27 Onwards
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SoE No.
EL_HwR_101

B.Tech SCHEME OF EXAMINATION 2026-27
 (Department of Electrical Engineering)
B.Tech Honors with Research in Electrical Engineering

SN	Sem	Type	Sub. Code	Subject	T/P	L	T	P	Hrs	Credits	% Weightage			ESE Duration
											MSEs*	TA**	ESE	
1	VII	PC	ELHR701	Research Methodology (SWAYAM/NPTEL PLATFORM)	T	3	0	0	3	3		-	100	
2	VII	PC	ELHR702	Research Project Phase-I	P	0	0	6	6	6		40	60	
3	VIII	PC	ELHR801	Research Project Phase-II	P	0	0	18	18	9		40	60	
TOTAL						3	0	24	27	18				

INTAKE

- 1 The sanction class strength will depend Upon the Number of Ph.D. Supervisors in the Department in the concern subject (Sanction Intake = Number of Ph.D. Supervisors in the Department X 5)

To opt for honors with Research Degree, following will be the criteria:

- 1 No active backlogs
- 2 Students must typically obtain a specific CGPA of 7.5 while successfully earning the required credits (typically around 120-132) by the end of third year
- 3 Student must demonstrate: a. Interest in research, b. Ability to work on projects, c. Basic understanding of Research methodology & Problem-solving

To get honors with Research Degree, following will be the criteria:

- 1 Complete all credits
- 2 Successfully submit research thesis
- 3 Clear final viva (external)
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Nagar Yuwak Shikshan Sanstha's
Yeshwantrao Chavan College of Engineering
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SoE No.
EE_HwR_101

B.Tech SCHEME OF EXAMINATION 2026-27
 (Department of Electronics Engineering)
B.Tech Honors with Research in Electronics Engineering

SN	Sem	Type	Sub. Code	Subject	T/P	L	T	P	Hrs	Credits	% Weightage			ESE Duration
											MSEs*	TA**	ESE	
1	VII	PC	EEHR701	Research Methodology (SWAYAM/NPTEL PLATFORM)	T	3	0	0	3	3		-	100	
2	VII	PC	EEHR702	Research Project Phase-I	P	0	0	6	6	6		40	60	
3	VIII	PC	EEHR801	Research Project Phase-II	P	0	0	18	18	9		40	60	
TOTAL						3	0	24	27	18				

INTAKE

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To opt for honors with Research Degree, following will be the criteria:

- 1 No active backlogs
- 2 Students must typically obtain a specific CGPA of 7.5 while successfully earning the required credits (typically around 120-132) by the end of third year
- 3 Student must demonstrate: a. Interest in research, b. Ability to work on projects, c. Basic understanding of Research methodology & Problem-solving

To get honors with Research Degree, following will be the criteria:

- 1 Complete all credits
- 2 Successfully submit research thesis
- 3 Clear final viva (external)
- 4 At least one Journal/Conference Paper publication indexed in Scopus/WOS in VII & VIII sem

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Nagar Yuwak Shikshan Sanstha's
Yeshwantrao Chavan College of Engineering
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SoE No.
VLS_HwR_101

B.Tech SCHEME OF EXAMINATION 2026-27
 (Department of Electronics Engineering)
B.Tech Honors with Research in VLSI Design and Technology

SN	Sem	Type	Sub. Code	Subject	T/P	L	T	P	Hrs	Credits	% Weightage			ESE Duration
											MSEs*	TA**	ESE	
1	VII	PC	VLSHR701	Research Methodology (SWAYAM/NPTEL PLATFORM)	T	3	0	0	3	3		-	100	
2	VII	PC	VLSHR702	Research Project Phase-I	P	0	0	6	6	6		40	60	
3	VIII	PC	VLSHR801	Research Project Phase-II	P	0	0	18	18	9		40	60	
TOTAL						3	0	24	27	18				

INTAKE

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To opt for honors with Research Degree, following will be the criteria:

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- 2 Students must typically obtain a specific CGPA of 7.5 while successfully earning the required credits (typically around 120-132) by the end of third year
- 3 Student must demonstrate: a. Interest in research, b. Ability to work on projects, c. Basic understanding of Research methodology & Problem-solving

To get honors with Research Degree, following will be the criteria:

- 1 Complete all credits
- 2 Successfully submit research thesis
- 3 Clear final viva (external)
- 4 At least one Journal/Conference Paper publication indexed in Scopus/WOS in VII & VIII sem

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Nagar Yuwak Shikshan Sanstha's
Yeshwantrao Chavan College of Engineering
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SoE No.
ET_HwR_101

B.Tech SCHEME OF EXAMINATION 2026-27
 (Department of Electronics & Telecommunication Engineering)

B.Tech Honors with Research in Electronics & Telecommunication Engineering

SN	Sem	Type	Sub. Code	Subject	T/P	L	T	P	Hrs	Credits	% Weightage			ESE Duration
											MSEs*	TA**	ESE	
1	VII	PC	ETHR701	Research Methodology (SWAYAM/NPTEL PLATFORM)	T	3	0	0	3	3		-	100	
2	VII	PC	ETHR702	Research Project Phase-I	P	0	0	6	6	6		40	60	
3	VIII	PC	ETHR801	Research Project Phase-II	P	0	0	18	18	9		40	60	
TOTAL						3	0	24	27	18				

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- 2 Students must typically obtain a specific CGPA of 7.5 while successfully earning the required credits (typically around 120-132) by the end of third year
- 3 Student must demonstrate: a. Interest in research, b. Ability to work on projects, c. Basic understanding of Research methodology & Problem-solving

To get honors with Research Degree, following will be the criteria:

- 1 Complete all credits
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- 3 Clear final viva (external)
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Yeshwantrao Chavan College of Engineering
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B.Tech SCHEME OF EXAMINATION 2026-27
 (Department of Computer Technology)

SoE No.
CT_HwR_101

B.Tech Honors with Research in Computer Technology

SN	Sem	Type	Sub. Code	Subject	T/P	L	T	P	Hrs	Credits	% Weightage			ESE Duration
											MSEs*	TA**	ESE	
1	VII	PC	CTHR701	Research Methodology (SWAYAM/NPTEL PLATFORM)	T	3	0	0	3	3		-	100	
2	VII	PC	CTHR702	Research Project Phase-I	P	0	0	6	6	6		40	60	
3	VIII	PC	CTHR801	Research Project Phase-II	P	0	0	18	18	9		40	60	
TOTAL						3	0	24	27	18				

INTAKE

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To get honors with Research Degree, following will be the criteria:

- 1 Complete all credits
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- 3 Clear final viva (external)
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B.Tech SCHEME OF EXAMINATION 2026-27
 (Department of Computer Technology)

SoE No.
ADS_HwR_101

B.Tech Honors with Research in Artificial Intelligence and Data Science

SN	Sem	Type	Sub. Code	Subject	T/P	L	T	P	Hrs	Credits	% Weightage			ESE Duration
											MSEs*	TA**	ESE	
1	VII	PC	ADSHR701	Research Methodology (SWAYAM/NPTEL PLATFORM)	T	3	0	0	3	3		-	100	
2	VII	PC	ADSHR702	Research Project Phase-I	P	0	0	6	6	6		40	60	
3	VIII	PC	ADSHR801	Research Project Phase-II	P	0	0	18	18	9		40	60	
TOTAL						3	0	24	27	18				

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Yeshwantrao Chavan College of Engineering
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B.Tech SCHEME OF EXAMINATION 2026-27
 (Department of Computer Technology)

SoE No.
CS-IoT_HwR_101

B.Tech Honors with Research in Computer Science and Engineering (IOT)

SN	Sem	Type	Sub. Code	Subject	T/P	L	T	P	Hrs	Credits	% Weightage			ESE Duration
											MSEs*	TA**	ESE	
1	VII	PC	IoTHR701	Research Methodology (SWAYAM/NPTEL PLATFORM)	T	3	0	0	3	3		-	100	
2	VII	PC	IoTHR702	Research Project Phase-I	P	0	0	6	6	6		40	60	
3	VIII	PC	IoTHR801	Research Project Phase-II	P	0	0	18	18	9		40	60	
TOTAL						3	0	24	27	18				

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To get honors with Research Degree, following will be the criteria:

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Yeshwantrao Chavan College of Engineering
 (An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

B.Tech SCHEME OF EXAMINATION 2026-27
 (Department of Information Technology)

SoE No.
IT_HwR_101

B.Tech Honors with Research in Information Technology

SN	Sem	Type	Sub. Code	Subject	T/P	L	T	P	Hrs	Credits	% Weightage			ESE Duration
											MSEs*	TA**	ESE	
1	VII	PC	ITHR701	Research Methodology (SWAYAM/NPTEL PLATFORM)	T	3	0	0	3	3		-	100	
2	VII	PC	ITHR702	Research Project Phase-I	P	0	0	6	6	6		40	60	
3	VIII	PC	ITHR801	Research Project Phase-II	P	0	0	18	18	9		40	60	
TOTAL						3	0	24	27	18				

INTAKE

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- 2 Students must typically obtain a specific CGPA of 7.5 while successfully earning the required credits (typically around 120-132) by the end of third year
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To get honors with Research Degree, following will be the criteria:

- 1 Complete all credits
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Yeshwantrao Chavan College of Engineering
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B.Tech SCHEME OF EXAMINATION 2026-27
 (Department of Information Technology)

SoE No.
CSD_HwR_101

B.Tech Honors with Research in Computer Science and Design

SN	Sem	Type	Sub. Code	Subject	T/P	L	T	P	Hrs	Credits	% Weightage			ESE Duration
											MSEs*	TA**	ESE	
1	VII	PC	CSDHR701	Research Methodology (SWAYAM/NPTEL PLATFORM)	T	3	0	0	3	3		-	100	
2	VII	PC	CSDHR702	Research Project Phase-I	P	0	0	6	6	6		40	60	
3	VIII	PC	CSDHR801	Research Project Phase-II	P	0	0	18	18	9		40	60	
TOTAL						3	0	24	27	18				

INTAKE

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- 2 Students must typically obtain a specific CGPA of 7.5 while successfully earning the required credits (typically around 120-132) by the end of third year
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To get honors with Research Degree, following will be the criteria:

- 1 Complete all credits
- 2 Successfully submit research thesis
- 3 Clear final viva (external)
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Nagar Yuwak Shikshan Sanstha's
Yeshwantrao Chavan College of Engineering
 (An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)
B.Tech SCHEME OF EXAMINATION 2026-27
 (Department of Computer Science & Engineering)
B.Tech Honors with Research in Computer Science & Engineering

SoE No.
CSE_HwR_101

SN	Sem	Type	Sub. Code	Subject	T/P	L	T	P	Hrs	Credits	% Weightage			ESE Duration
											MSEs*	TA**	ESE	
1	VII	PC	CSEHR701	Research Methodology (SWAYAM/NPTEL PLATFORM)	T	3	0	0	3	3		-	100	
2	VII	PC	CSEHR702	Research Project Phase-I	P	0	0	6	6	6		40	60	
3	VIII	PC	CSEHR801	Research Project Phase-II	P	0	0	18	18	9		40	60	
TOTAL						3	0	24	27	18				

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To get honors with Research Degree, following will be the criteria:

- 1 Complete all credits
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B.Tech SCHEME OF EXAMINATION 2026-27
 (Department of Computer Science & Engineering)

SoE No.
 AML_HwR_101

B.Tech Honors with Research in Artificial Intelligence and Machine Learning

SN	Sem	Type	Sub. Code	Subject	T/P	L	T	P	Hrs	Credits	% Weightage			ESE Duration
											MSEs*	TA**	ESE	
1	VII	PC	AMLHR701	Research Methodology (SWAYAM/NPTEL PLATFORM)	T	3	0	0	3	3		-	100	
2	VII	PC	AMLHR702	Research Project Phase-I	P	0	0	6	6	6		40	60	
3	VIII	PC	AMLHR801	Research Project Phase-II	P	0	0	18	18	9		40	60	
TOTAL						3	0	24	27	18				

INTAKE

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To get honors with Research Degree, following will be the criteria:

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