

**B.Sc. NEURO ELECTRO PHYSIOLOGY**  
**CURRICULUM - ANNUAL PATTERN 2024-2025**

First Year

S. No.	Course Category	Course Type	Course Code	Course Title	L	T	P	C	S	TCH /week	Total hours
<b>I</b>											
<b>VEAD</b>											
1	BMS	TP	HGH11001	Anatomy	2	0	4	8	2	6	180
2	BMS	TP	HGH11002	Physiology	2	0	4	8	2	6	180
3	BMS	TP	HGH11003	Biochemistry	2	0	2	6	2	4	120
4	BMS	TH	HGH11004	Basic nursing care & medical terminologies	2	0	0	4	2	2	60
5	BMS	TH	HGH11007	Pharmacology	2	0	0	4	1	2	60
6	BS	TP	HCA11001	Fundamentals of Computers	2	0	2	6	1	4	120
7	HS	TP	HLS11001	English and Communication Skills	2	0	1	4	1	3	90
8	VA	TH	HGH11008	Environmental Science and Sustainable Development	2	0	0	4	1	2	60
<b>TOTAL</b>					<b>16</b>	<b>0</b>	<b>13</b>	<b>44</b>	<b>12</b>	<b>29</b>	<b>870</b>

L-Lecture, T- Tutorial, P- Practical, C-Yearly Credits, S- Self study, TCH- Total Contact Hours

Second Year

S. No.	Course Category	Course Type	Course Code	Course Title	L	T	P	C	S	TCH /week	Total hours
<b>II</b>											
<b>VEAD</b>											
1	BMS	TP	HNE11001	Clinical Pathology and Clinical Microbiology	2	0	2	6	2	4	120
2	BMS	TP	HNE11002	Basic Electro Encephalography	2	0	2	6	2	4	120
3	BMS	TP	HNE11003	Physics and Electronics	2	0	2	6	2	4	120
4	BMS	TH	HNE11004	Basic Nerve Conduction Studies	2	0	0	4	2	2	60
5	PC	TP	HNE11005	Clinical Neurology	2	0	2	6	2	4	120
6	HS	PR	HLS11002	English for Competitive Examination	0	0	2	2	0	2	60
7	PC	PR	HNE11400	Clinical Postings I	0	0	9	6	0	9	270
<b>TOTAL</b>					<b>10</b>	<b>0</b>	<b>19</b>	<b>36</b>	<b>10</b>	<b>29</b>	<b>870</b>

L-Lecture, T- Tutorial, P- Practical, C-Yearly Credits, S- Self study, TCH- Total Contact Hours

Third Year

S. No.	Course Category	Course Type	Course Code	Course Title	L	T	P	C	S	TCH /week	Total hours
<b>III</b>											
<b>VEAD</b>											
1	PC	TP	HNE11006	Advanced electro encephalography	2	0	2	6	2	4	120
2	PC	TP	HNE11007	Advanced nerve conduction studies and electromyography	2	0	2	6	2	4	120
3	PC	TP	HNE11008	Autonomic function studies and sleep studies, transcranial magnetic stimulation, autonomic lab, intraoperative monitoring.	2	0	2	6	1	4	120
4	PC	TP	HNE11009	Application of clinical neuro physiology and assessment	2	0	2	6	1	4	120
5	PC	TH	HGH11005	Hospital and Patient Relation Management	2	0	0	4	1	2	60
6	BS	TH	HGH11006	AI in Healthcare	2	0	0	4	1	2	60
7	BS	TP	HGH11009	Fundamentals of Research Methodology	2	0	2	6	1	4	120
8	PC	PR	HNE11401	Clinical Training II	0	0	9	6	0	9	270
<b>TOTAL</b>					<b>14</b>	<b>0</b>	<b>19</b>	<b>44</b>	<b>9</b>	<b>33</b>	<b>990</b>

L-Lecture, T- Tutorial, P- Practical, C-Yearly Credits, S- Self study, TCH- Total Contact Hours

Fourth Year

S. No.	Course Category	Course Type	Course Code	Course Title	L	T	P	C	S	TCH /week	Total hours
<b>IV</b>											
1	SI	IN	HNE11800	Internship	#	#	#	20	#	#	#
2	RP	PJ	HNE11801	Project	#	#	#	20	#	#	#
<b>TOTAL</b>					#	#	#	<b>40</b>	#	#	#

L-Lecture, T- Tutorial, P- Practical, C-Yearly Credits, S- Self study, TCH- Total Contact Hours

# - Compulsory Internship for one year in hospitals & the evaluation will be done at the end of the year

**TOTAL CREDITS FOR FOUR YEAR PROGRAMME**

S. No.	Year	No. of Credits
1	I	<b>44</b>
2	II	<b>36</b>
3	III	<b>44</b>
4	IV	<b>40</b>
<b>TOTAL</b>		<b>164</b>

COURSE TYPE		No. of Credits
Theory with Practical	TP	86
Theory	TH	24
Practical	PR	14
Internship	IN	20
Project	PJ	20
<b>TOTAL</b>		<b>164</b>

COURSE CATEGORY		No. of Credits
BMS	Basic Medical Science	52
VA	Value Added	4
HS	Humanities & Social Science	6
BS	Basic Science	16
PC	Professional Course	46
SI	Summer Internship	20
RP	Research Project	20
<b>TOTAL</b>		<b>164</b>

**HITS-IMAX Coordinator**

**Dean SoHS**

**Director - IQAC**

**Dean Academics**

**Vice Chancellor**