

Bharath
INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCES

Date : 28.05.2018

CIRCULAR

**Sub : Organising Value added Course - Short term course on Spine Surgery
- Reg.**

With reference to the above mentioned subject, we bring it to your notice that School of Basic Science, Bharath Institute of Higher Education & Research is organising **Value added course "Short term course on Spine Surgery"**. The syllabus and registration form is enclosed below. The candidates those who are interested to join must fill the registration form and submit to the Course Coordinator Dr. K. E. Vivekanandan, Department of Microbiology on or before 07.06.2018. The Registration form received after the mentioned date shall not be entertained under any circumstances.

Encl: A copy of Syllabus & Registration form


Dean-Faculty of Arts & Science
Bharath Institute of Higher Education & Research
(Declared as Deemed to be University U/S 3 of UGC Act. 1956)
Chennai-600 073. INDIA

Copy To:

- 1.All HODs
- 2.Office File/ Notice Board
- 3.Course Coordinator



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCES

Registration Form

Value Added Course

Date: 27.05.2018

Name : YOKESH P
Reg. No. : U17BS023
Gender : Male
Department : Biotechnology
Year : 2017-20
Contact No. : 9080558628
Email ID : yogibio@gmail.com
Course Applied for : Short term course on Spine Surgery


Signature

Bharath Institute of Higher Education & Research
School of Basic Sciences
Students Registration List
Value Added Course: Short Term Course on Spine Surgery -

S.NO	REG.NO	NAME OF THE CANDIDATE	DEPARTMENT
1	U17MI023	MOHAN RAJ R	BSc-MICRO
2	U17MI026	MALAVIKA B	BSc-MICRO
3	U17MI027	AATHIRAI	BSc-MICRO
4	U17MI028	SARUMATHI S	BSc-MICRO
5	U17MI029	SANDHIYA	BSc-MICRO
6	U17MI030	ALLAN JOSEPH	BSc-MICRO
7	U17MI031	HARITHA	BSc-MICRO
8	U17MI032	FRED LAL HNAME	BSc-MICRO
9	U17BS021	BRINDHA LAKSHMI P	BSc-BIOTECH
10	U17BS022	REENA IRIN JASHUA	BSc-BIOTECH
11	U17BS023	YOKESH P	BSc-BIOTECH
12	U17BS024	ANIT CHRISTABEL L	BSc-BIOTECH
13	U17BS025	POOJA S	BSc-BIOTECH
14	U17BS026	NISHA R	BSc-BIOTECH
15	U17PS021	SANDHIYA S	BSc-PHYSICS
16	U17PS022	RUBANJEYASEELAN G	BSc-PHYSICS
17	U17PS023	AASHA N	BSc-PHYSICS
18	U17PS024	BASKAR S	BSc-PHYSICS
19	U17PS025	PRINSHU LT RAJKUMAR PANDEY	BSc-PHYSICS
20	U17PS026	HARIHARAN G	BSc-PHYSICS
21	U17CI020	GOWTHAM D	BSc-CHEM
22	U17CI021	SUNDAR RAJ S	BSc-CHEM
23	U17CI022	NAVEEN KUMAR P	BSc-CHEM
24	U17CI024	THAMILARASU P	BSc-CHEM
25	U17CI025	SATHISHKUMAR M	BSc-CHEM
26	U17CI026	DIVYA K	BSc-CHEM
27	U17MA024	VIJAYAKUMAR M	BSc-MATHS
28	U17MA025	SANTHIYA K	BSc-MATHS
29	U17MA026	KUMAR L	BSc-MATHS
30	U17MA027	DINESH B	BSc-MATHS
31	U17MA028	SIRANJEEVI P	BSc-MATHS
32	U17MA029	DHAYALAN K	BSc-MATHS
33	U17SC033	AKASH B	BSc-COMP
34	U17SC034	DHAKSHAYINI V	BSc-COMP
35	U17SC035	DINESH KUMAR C K	BSc-COMP
36	U17SC036	DINESHKUMAR S	BSc-COMP
37	U17SC037	SAKTHIVEL M	BSc-COMP
38	U17SC038	ARVIND G	BSc-COMP

39	U17SC040	DHANASEKAR L	BSc-COMP
40	U17SC041	SIVANESAN C	BSc-COMP
41	U17SC042	RANGARAJAN K	BSc-COMP
42	U17SC043	LAVANYA P	BSc-COMP
43	U17VC002	M S ADITYA	BSc-VISCOM
44	U17VC003	SETTU R	BSc-VISCOM
45	U17VC004	NIRMAL E	BSc-VISCOM



Shawath
INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCES

Value Added Course

Short term course on Spine Surgery

Syllabus

Introduction of Spine surgery. Back pain -Disease of mankind- effects most people. Complex anatomy and function- back muscles, vertebral column, Acute back or neck pain.

Spinal pathology - Investigations of X-ray, CT/MRI scan/Blood tests. Common spinal pathology - neural compression - cervical lumbar - Disc Prolapse, Degenerative Disc Disease, Spinal Stenosis. Supporting structure for the skeleton - Fractures, Spinal Instability, Degenerative.

Surgical treatment options-neural compression, Decompression, Spinal instability, Spinal fusion. Minimally invasive spinal surgery, Cervical disc replacement, minimal Access Lumbar Surgery. Radio- frequency rhizotomy, Balloon Kyphoplast.

Cervical disc replacement. Anterior cervical decompression and fusion, cervical disc replacement. Minimal Access Spine Techniques. Minimal Access Lumbar fusion. Right patient selection. Successful surgery- clinical findings. Right investigation and surgery.

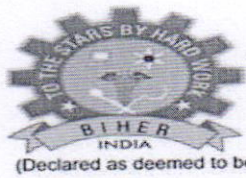
Bharath Institute of Higher Education & Research
School of Basic Sciences
Course TimeTable

Value Added Course: Short Term Course on Spine Surgery - Course Duration:30 Hrs

S.No	Date	Time	Hour
1	11.06.2018	2 PM - 4 PM	2
2	17.06.2018	2 PM - 4 PM	2
3	23.06.2018	2 PM - 4 PM	2
4	24.06.2018	2 PM - 4 PM	2
5	30.06.2018	2 PM - 4 PM	2
6	01.07.2018	2 PM - 4 PM	2
7	07.07.2018	2 PM - 4 PM	2
8	08.07.2018	2 PM - 4 PM	2
9	15.07.2018	2 PM - 4 PM	2
10	21.07.2018	2 PM - 4 PM	2
11	22.07.2018	2 PM - 4 PM	2
12	28.07.2018	2 PM - 4 PM	2
13	29.07.2018	2 PM - 4 PM	2
14	04.08.2018	2 PM - 4 PM	2
15	05.08.2018	2 PM - 4 PM	2

Bharath Institute of Higher Education & Research
School of Basic Sciences
Lesson Plan

Value Added Course: Short term course on Spine Surgery-			Course Duration: 30Hrs	
S.No	Date	Topic	Time	Hour
1	11.06.2018	Introduction of Spine surgery	2 PM - 4 PM	2
2	17.06.2018	Back pain -Disease of mankind- effects most people	2 PM - 4 PM	2
3	23.06.2018	Complex anatomy and function- back muscles,vertebral column,Acute back or neck pain.	2 PM - 4 PM	2
4	24.06.2018	Spinal pathology-Investigations of X-ray,CT/MRI scan/Blood tests.	2 PM - 4 PM	2
5	30.06.2018	Common spinal pathology-neural compression-cervical lumbar-Disc Prolapse,Degenerative Disc Disease,Spinal Stenosis	2 PM - 4 PM	2
6	01.07.2018	Supporting structure for the skeleton-Fractures,Spinal Instability, Degenerative.	2 PM - 4 PM	2
7	07.07.2018	Surgical treatment options-neural compression,Decompression,Spinal instability,Spinal fusion.	2 PM - 4 PM	2
8	08.07.2018	Minimally invasive spinal surgery,Cervical disc replacement,minimal Access Lumbar Surgery.	2 PM - 4 PM	2
9	15.07.2018	Radio- frequency rhizotomy,Balloon Kyphoplasty	2 PM - 4 PM	2
10	21.07.2018	Cervical disc replacement- Anterior cervical decompression and fusion, cervical disc replacement.	2 PM - 4 PM	2
11	22.07.2018	Minimal Access Spine Techniques	2 PM - 4 PM	2
12	28.07.2018	Minimal Access Lumbar fusion.	2 PM - 4 PM	2
13	29.07.2018	Right patient selection.	2 PM - 4 PM	2
14	04.08.2018	Successful surgery- clinical findings.	2 PM - 4 PM	2
15	05.08.2018	Right investigation and surgery.	2 PM - 4 PM	2



Bharath
INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCES

Course Feedback Form

Value Added Course

Date: 04.08.2018

Course Title: Short term course on Spine Surgery -

Name : NISHA R
Reg. No. : U17BS026
Department : Biotechnology

S.No.	Particulars	1	2	3	4	5
(1. Very Unsatisfied 2. Unsatisfied 3. Neutral 4. Satisfied 5. Very Satisfied)						
1.	Objectives of the course clear to you	✓				
2.	Course contents met with your expectations	✓				
3.	Lecture sequence was well planned	✓				
4.	Lectures were clear and easy to understand	✓				
5.	Teaching aids were effective		✓			
6.	Instructors encourage interaction and were helpful	✓				
7.	The level of the course	✓				
(1. Very poor 2. Poor 3. Average 4. Good 5. Excellent)						
8.	Overall rating of the course:	✓	2	3	4	5

Please give Suggestion for the improvement of the course:


Signature



Sharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as deemed to be university under section 3 of UGC Act 1956, vide notification No.F.9-5/2000-U.3)

SCHOOL OF BASIC SCIENCES



Name of the course	Short term course on Spine Surgery
Handled by	Dr. K. E. Vivekanandan Asso. Prof, Department of Microbiology School of Arts, BIHER.



Bharath
INSTITUTE OF HIGHER EDUCATION AND RESEARCH

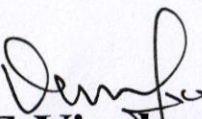
SCHOOL OF BASIC SCIENCES

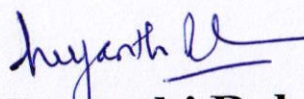
CERTIFICATE OF PARTICIPATION

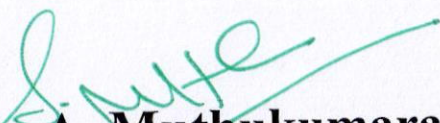
This is to certify that

MOHAN RAJ. R

has participated in the Short Term Course on Spine Surgery, conducted by
School of Basic Sciences, BIHER, from June 11, 2018 to August 05, 2018.


Dr. K.E. Vivekanandan
Course Co-ordinator


Dr. L. Jeyanthi Rebecca
Convenor


Dr. A. Muthukumaravel
Dean - Arts and Science