



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)

BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH

Date: 6-09-2017

SCHOOL OF BIOENGINEERING CIRCULAR

Notification for Value added courses offered by the School of Bioengineering

The Department of Bio Medical Engineering, School of Bioengineering, is scheduled to offer a Value added Course on **"Python Programming"** from 18/09/2017 for a period of 3 weeks. Interested students can approach Mrs.S.Geetha, Assistant Professor and Course Coordinator, Department of Bio Medical Engineering, for registration and further details on or before 16th September 2017.

Eligibility-II, III and IV B-Tech IBT, GE and BME

Course Coordinator

HOD

Copy to:

Vice Chancellor

Pro Vice Chancellor

Additional Registrar

Deans

CoE

Heads of Departments



BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH

SCHOOL OF BIO-ENGINEERING

DEPARTMENT OF BIO MEDICAL ENGINEERING

VALUE ADDED COURSE ON PYTHON PROGRAMMING

2017-2018

COURSE CO-ORDINATOR DETAILS

Faculty Name: Mrs.S.Geetha,

Assistant Professor,

Department of Bio Medical Engineering.

Email ID: geethag24@gmail.com

Mobile number: 9841600771

BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH
SCHOOL OF BIO-ENGINEERING

DEPARTMENT OF BIO MEDICAL ENGINEERING

2017-2018

VALUE ADDED COURSE SYLLABUS

PYTHON PROGRAMMING

MODULE 1

Python Basics, Introduction to Python, Sequences and File Operations, Deep Dive – Functions, OOPs, Modules, Errors and Exceptions, Data Handling Introduction to NumPy, Pandas and Matplotlib, Data Manipulation.

MODULE 2

Introduction to Machine Learning with Python, Supervised Learning , Dimensionality Reduction, Supervised Learning – II, Unsupervised Learning, Association Rules Mining and Recommendation Systems Reinforcement Learning, Time Series Analysis, Model Selection and Boosting.

Module 3

Database Connectivity, An introduction to relational databases, SQL statements for data manipulation, Using Python to work with a database

Total Contact Hour: 30

SCHOOL OF BIO-ENGINEERING
DEPARTMENT OF BIO MEDICAL ENGINEERING

VALUE ADDED COURSE
PYTHON PROGRAMMING

Session	Topic	Date	Duration (Hr)	Resource person
Session I	Python Basics, Introduction to Python, Sequences and File Op	18.09.2017	4	Dr.R.Vasukidevi
Session II	Deep Dive – Functions, OOPs, Modules, Errors and Exception	19.09.2017	4	Dr.R.Vasukidevi
Session III	Data Handling Introduction to NumPy, Pandas and Matplotlib	20.09.2017	3	Ms.S.Geetha
Session IV	Introduction to Machine Learning with Python, Supervised Lea	25.09.2017	4	Dr.Emerson Solomon
Session V	Association Rules Mining and Recommendation Systems Rei	26.09.2017	3	Dr.Emerson Solomon
Session VI	Time Series Analysis, Model Selection and Boosting	27.09.2017	3	Ms.S.Geetha
Session VII	Database Connectivity, An introduction to relational databases	02.10.2017	3	S.Prasath
Session VIII	SQL statements for data manipulation	03.10.2017	3	S.Prasath
Session IX	Using Python to work with a database	04.10.2017	3	N.Subhalakshmi

BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH
SCHOOL OF BIO-ENGINEERING
DEPARTMENT OF BIO MEDICAL ENGINEERING
VALUE ADDED COURSE
PYTHON PROGRAMMING
STUDENTS NAME LIST

S.NO	REG.NO	NAME
1.	U16BM001	Subabalan M
2.	U16BM002	Sanjanaah Shree S
3.	U16BM003	Evangeline Elakiya Benedict E D
4.	U16BM004	Vinothraj K
5.	U16BM005	Paul Harrison J
6.	U16BM006	Siva Harish S
7.	U16BM008	Monisha R
8.	U16BM009	Devasneha D P K
9.	U16BM010	Subburam K M
10.	U16BM011	Pavithra V
11.	U16BM012	Ashini I S
12.	U16BM020	Abisha G
13.	U16BM021	Chrysolyte Precious Rani S
14.	U16BM022	Sasikumar J
15.	U16BM023	Nawaz Shariff A
16.	U16BM024	Karanam Adarash Rao
17.	U16BM025	Kudugunta Achyutha Reddy
18.	U16BM052	Revathi N
19.	U16BM053	Shaik Farhana
20.	U16BM054	Rakhi Dash
21.	U16BM056	Nakrani Leeshna
22.	U16BM057	Upputholla Rohith
23.	U16BM058	Arideep Siddhanta
24.	U16BM059	Naga Jagadesh Reddy
25.	U16BM060	Divi Divya Sree
26.	U16BM062	Divya Kerketta
27.	U16BM063	Nadella Monica
28.	U16BM064	Yedla Nissi Shalisha
29.	U16BM065	Bellamkonda Sai Harshith
30.	U16BM067	Ajitha .K
31	U15BR004	GANGA N
32	U15BR005	GOPINATHKUMAR S
33	U15BR006	I. SUNETHA
34	U15BR007	JEMI JOAN SILVIYA K
35	U15BR008	M N VINITHA
36	U15BR009	MANASA M S
37	U15BR010	NIVEDITHA SELVAKUMAR
38	U15BR011	NIVETHA B

39	U15BR012	PALADI DHEERAJ
40	U15BR013	PRIYANKA P
41	U16BR001	HARISH T S
42	U16BR002	RANJANI K
43	U16BR004	MONALISHA B A
44	U16BR005	PREETHA K
45	U16BR006	ARJUN K
46	U16BR007	ASWIN S
47	U16BR008	KAVERI JACOB
48	U16BR009	HARISH CHANDRASEKAR
49	U15BT002	DEVA V
50	U15BT003	KALAISELVAN A
51	U15BT004	KANIKA P G
52	U15BT007	L. JEEVITHA
53	U15BT008	MURALIRAM T
54	U15BT009	PRITAM SASMAL
55	U15BT011	SELVA JANANI S
56	U15BT013	VAIRAMOORTHY M
57	U15BT014	VIJAYA LAKSHMI N
58	U15BT015	NEHA SINGH
59	U15BT016	PUNITHAVATHY R
60	U15BT017	SUGANYA RAJESHWARI E

BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH
SCHOOL OF BIO-ENGINEERING
DEPARTMENT OF BIO MEDICAL ENGINEERING
VALUE ADDED COURSE
Python Programming
Students Result

S.NO	REG.NO	NAME	RESULT
1.	U16BM001	Subabalan M	S
2.	U16BM002	Sanjanaah Shree S	S
3.	U16BM003	Evangeline Elakiya Benedict E D	S
4.	U16BM004	Vinothraj K	A
5.	U16BM005	Paul Harrison J	S
6.	U16BM006	Siva Harish S	S
7.	U16BM008	Monisha R	S
8.	U16BM009	Devasneha D P K	S
9.	U16BM010	Subburam K M	A
10.	U16BM011	Pavithra V	S
11.	U16BM012	Ashini I S	A
12.	U16BM020	Abisha G	S
13.	U16BM021	Chrysolyte Precious Rani S	S
14.	U16BM022	Sasikumar J	S
15.	U16BM023	Nawaz Shariff A	S
16.	U16BM024	Karanam Adarash Rao	S
17.	U16BM025	Kudugunta Achyutha Reddy	A
18.	U16BM052	Revathi N	S
19.	U16BM053	Shaik Farhana	S
20.	U16BM054	Rakhi Dash	A
21.	U16BM056	Nakrani Leeshna	S
22.	U16BM057	Upputholla Rohith	A
23.	U16BM058	Arideep Siddhanta	S
24.	U16BM059	Naga Jagadesh Reddy	S
25.	U16BM060	Divi Divya Sree	A
26.	U16BM062	Divya Kerketta	S
27.	U16BM063	Nadella Monica	A
28.	U16BM064	Yedla Nissi Shalisha	S
29.	U16BM065	Bellamkonda Sai Harshith	S
30.	U16BM067	Ajitha .K	S
31.	U15BR004	GANGA N	S
32.	U15BR005	GOPINATHKUMAR S	S
33.	U15BR006	I. SUNETHA	S
34.	U15BR007	JEMI JOAN SILVIYA K	S
35.	U15BR008	M N VINITHA	S
36.	U15BR009	MANASA M S	S
37.	U15BR010	NIVEDITHA SELVAKUMAR	S
38.	U15BR011	NIVETHA B	S
39.	U15BR012	PALADI DHEERAJ	S

40	U15BR013	PRIYANKA P	S
41	U16BR001	HARISH T S	S
42	U16BR002	RANJANI K	S
43	U16BR004	MONALISHA B A	S
44	U16BR005	PREETHA K	S
45	U16BR006	ARJUN K	S
46	U16BR007	ASWIN S	S
47	U16BR008	KAVERI JACOB	S
48	U16BR009	HARISH CHANDRASEKAR	S
49	U15BT002	DEVA V	S
50	U15BT003	KALAISELVAN A	S
51	U15BT004	KANIKA P G	S
52	U15BT007	L. JEEVITHA	S
53	U15BT008	MURALIRAM T	S
54	U15BT009	PRITAM SASMAL	S
55	U15BT011	SELVA JANANI S	S
56	U15BT013	VAIRAMOORTHY M	S
57	U15BT014	VIJAYA LAKSHMI N	S
58	U15BT015	NEHA SINGH	S
59	U15BT016	PUNITHAVATHY R	S
60	U15BT017	SUGANYA RAJESHWARI E	S

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SCHOOL OF BIOENGINEERING

DEPARTMENT OF BIOMEDICAL ENGINEERING

Name : *Ravathi . N*

Register Number : *U16BM052*

Academic year: *2017-2018*

Name of the course offered : *Python Programming*

Student Feedback

S.No	Criteria	Rating				
		Excellent	Very Good	Good	Fair	Satisfactory
1	Course content	<i>/</i>				
2	Skill development		<i>/</i>			
3	Motivation	<i>/</i>				
4	Regularity of the faculty	<i>/</i>				
5	Coverage of the syllabus	<i>/</i>				
6	Resourse person interaction with students	<i>/</i>				
7	Outcome	<i>/</i>				
8	Individual Attention	<i>/</i>				

Ravathi

Signature of the Course co-ordinator

Ravathi

Signature of the Student

BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH
SCHOOL OF BIOENGINEERING
DEPARTMENT OF BIOMEDICAL ENGINEERING

Name : NIVEETHA - B

Register Number : V15BR611

Academic year: 2017-2018

Name of the course offered : PYTHON PROGRAMMING

Student Feedback

S.No	Criteria	Rating				
		Excellent	Very Good	Good	Fair	Satisfactory
1	Course content	✓				
2	Skill development	✓				
3	Motivation	✓				
4	Regularity of the faculty	✓				
5	Coverage of the syllabus	✓				
6	Resourse person interaction with students	✓				
7	Outcome	✓				
8	Individual Attention	✓				

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Signature of the Course co-ordinator.

[Handwritten Signature]

Signature of the Student



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Certificate

VALUE ADDED COURSE ON PYTHON PROGRAMMING

This is to certify that Mr /Ms Ashini I S has attended three weeks value added course on "PYTHON PROGRAMMING" conducted by Department of Biomedical Engineering at Bharath Institute of Higher Education and Research, Chennai (TN), India during 18th September – 4th October, 2017.

Dean

HOD

Chennai

22-01-2018

From

The Head of the Department

Department of Biomedical Engineering

BIHER

To

The Dean

BIHER

Respected Sir,

Sub: Approval to conduct a value added course on "**Sensors and its Medical Applications**" -reg

It has been planned by the Department of Biomedical Engineering to start a Value Added Course on "**Sensors and its Medical Applications**" for the benefit of B.Tech Biomedical Engineering, B.Tech Industrial Biotechnology and B-Tech Genetic Engineering students from 05th February, 2018. The duration of the course is 30 hrs comprising of both theory and practical classes. I request you to kindly approve for the same.

Thanking you,



Yours sincerely,

