



Lokmanya Tilak Jankalyan Shikshan Sanstha's
PRIYADARSHINI COLLEGE OF ENGINEERING

(Recognised by A.I.C.T.E., New Delhi & Govt. of Maharashtra, Affiliated to R.T.M.Nagpur University)
Near CRPF Campus, Hingna Road, Nagpur-440 019, Maharashtra (India)
Phone : 07104 – 236381, 237307, Fax : 07104 – 237681,
email : principal.pce.ngp@gmail.com, www.pcenagpur.edu.in



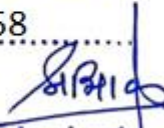
1.1.3 Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years

3. Design and Development of Curriculum for Add on/ certificate/ Diploma Courses

Sr. No.	Contents	Page No.
1	List of teachers participating in Design and Development of Curriculum for Add on/ certificate/ Diploma Courses in last five years	2
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**PRIYADARSHINI COLLEGE
OF ENGG. NAGPUR
CERTIFIED DOCUMENT**

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Principal

List of teachers participating in **Design and Development of Curriculum for Add on/ certificate/ Diploma Courses in last five years**

Sr. No.	Session	Faculty	Involvement
1	2020-21	Dr. Mrs. Nita Thakre	Design and Development of Curriculum for Add on/ certificate Course
2		Dr.Archana V.Dehankar	Design and Development of Curriculum for Add on/ certificate Course
3		Ms.Jyotsna Gabhane	Design and Development of Curriculum for Add on/ certificate Course
4		Prof.Rubana Khan	Design and Development of Curriculum for Add on/ certificate Course
5		Prof. V Vairagade	Design and Development of Curriculum for Add on/ certificate Course
6		Prof. P S Bhandari	Design and Development of Curriculum for Add on/ certificate Course
7		Dr.(Mrs.)P.U.Chati	Design and Development of Curriculum for Add on/ certificate Course
8		Mrs.J.M.Bhattad	Design and Development of Curriculum for Add on/ certificate Course
9		Dr.P.P.Ashtankar	Design and Development of Curriculum for Add on/ certificate Course
10		Dr.Ms. V.G.Nasre	Design and Development of Curriculum for Add on/ certificate Course
11		Dr. M. S. Giripunje	Design and Development of Curriculum for Add on/ certificate Course
12		Mrs. K.M.Bogawar	Design and Development of Curriculum for Add on/ certificate Course
13		Dr.S.S.Shriramwar	Design and Development of Curriculum for Add on/ certificate Course
1	2019-20	Dr.Snehal S.Golait	Design and Development of Curriculum for Add on/ certificate Course
2		Ms.Jyotsna Gabhane	Design and Development of Curriculum for Add on/ certificate Course
3		Prof.Rubana Khan	Design and Development of Curriculum for Add on/ certificate Course
4		Prof. P S Bhandari	Design and Development of Curriculum for Add on/ certificate Course
5		Prof. M. S. Matey	Design and Development of Curriculum for Add on/ certificate Course
6		Prof. S. P. Lokhande	Design and Development of Curriculum for Add on/ certificate Course
7		Dr.S.S.Shriramwar	Design and Development of Curriculum for Add on/ certificate Course
8		Mrs. K.M.Bogawar	Design and Development of Curriculum for Add on/ certificate Course
9		Mr.H.P.Thakre	Design and Development of Curriculum for Add on/ certificate Course
10		Mr.C.S.Kamble	Design and Development of Curriculum for Add on/ certificate Course
1	2018-19	Dr.Archana V.Dehankar	Design and Development of Curriculum for Add on/ certificate Course
2		Ms.Jyotsna Gabhane	Design and Development of Curriculum for Add on/ certificate Course
3		Dr. S J Modak	Design and Development of Curriculum for Add on/ certificate Course
4		Dr I. A. Khan	Design and Development of Curriculum for Add on/ certificate Course
5		Prof. S. P. Lokhande	Design and Development of Curriculum for Add on/ certificate Course
6		MS.S.G.Mungale	Design and Development of Curriculum for Add on/ certificate Course
7		Mrs.K.M.Bogawar	Design and Development of Curriculum for Add on/ certificate Course
8		Dr.S.N.Waghmare	Design and Development of Curriculum for Add on/ certificate Course
9		Mr.H.P.Thakre	Design and Development of Curriculum for Add on/ certificate Course
1	2017-18	Prof. P.S. Bhandari	Design and Development of Curriculum for Add on/ certificate Course
2		Mrs.K.M.Bogawar	Design and Development of Curriculum for Add on/ certificate Course
3		Ms.Jyotsna Gabhane	Design and Development of Curriculum for Add on/ certificate Course
4		Dr.K.S.Zakiuddin	Design and Development of Curriculum for Add on/ certificate Course
5		Dr.Archana V.Dehankar	Design and Development of Curriculum for Add on/ certificate Course
1	2016-17	Prof. V. Vairagade	Design and Development of Curriculum for Add on/ certificate Course
2		Mrs.K.M.Bogawar	Design and Development of Curriculum for Add on/ certificate Course
3		Dr.(Mrs.)P.U.Chati	Design and Development of Curriculum for Add on/ certificate Course
4		Mrs.J.M.Bhattad	Design and Development of Curriculum for Add on/ certificate Course
5		Dr. Mrs. Nita Thakre	Design and Development of Curriculum for Add on/ certificate Course

2020-21

Priyadarshini College of Engineering, Nagpur
Department of Computer Technology
Session 2020-21

Ref. No. PCE/CT/PAC/20-21/01

Date: 06/07/2020

Subject: Planning for certificate / Add on Courses

- A. Certificate Course on "Data Science using Python"
 - B. Certificate Course on "Amazon Web Services"
 - C. Add on Course on "Aptitude Development"
 - D. Add on Course on "Python Programming"
- for the session 2020-21 and design of curriculum for the courses.

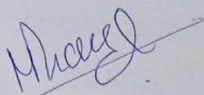
Following committee including Program Assessment Committee and coordinators has been constituted regarding the conduction of certifications/ Add on courses in session 2020-21

S.	Name of Faculty	Designation	Role
1	Dr.(Mrs.) N.M.Thakare	Assoc.Prof. and HOD	Chairman
2	Dr.(Mrs.) A.V.Dehanekar	Asst.Prof and Member	Coordinator C and D
3	Dr.(Mrs.)S.S.Golait	Asst.Prof and Member	Member
4	Mrs.J.P.Gabhane	Asst.Prof and Member	Coordinator A
5	Mr.C.R.Pote	Asst.Prof and Member	Member
6	Mrs.R.A.Khan	Asst.Prof	Coordinator B

Responsibilities of Program Assessment Committee

Following are responsibilities of Program Assessment Committee:

1. To plan the schedule for the courses.
2. To design the curriculum of the courses
3. Evaluation of courses.


Dr.(Mrs.)N.M.Thakare
HOD, Computer Technology
Dept. of Computer Technology
Priyadarshini College of Engineering
Hingna Road, Nagpur-19

Copy to: Principal for information
: Dean Academics for information
: Program Assessment Committee members for necessary action
: Notice file for faculty circulation


Priyadarshini College of Engineering, Nagpur
Department of Computer Technology
Session 2020-21

Certificate Course on "Data Science Using Python"

Curriculum

Sr. No.	Contents	No of hours
1	Module: 1 Fundamental Python a) Introduction to Python b) Why Python 3x? c) Installation Python, Google Colab, Pycharm and Anaconda	4 hours
2	Module: 1 d) Data types, Variables, Operators, Keywords of Python e) Decision making f) Namespaces and Scope in Python g) Functions h) Exception Handling	6 hours
3	Module: 2 Advance Python - Practical implementation a) Pandas library b) Numpy library c) Matplotlib library	6 hours
4	Module: 2 d) Scikit-learn library e) NLTK library f) TensorFlow library g) Keras library	4 hours
5	Module: 3 Introduction to Data Science a) What is Data Science? b) Examples of Data Science? How to related Data Science with your day to day life? c) What are Artificial Intelligence, Machine Learning, Deep Learning, Data Mining & NLP? d) Difference between AI, ML, DL, DM, & NLP	5 hours

	e) What are Supervised, Unsupervised and Reinforcement Learning? f) What are Descriptive, Diagnostic, Predictive, and Prescriptive Data Analytics? g) What are Regression, Classification, Clustering, Reinforcement Learning? h) Data Preprocessing	
6	Module: 4 AI, ML, DL, DM, NLP Algorithms a) Regression a. Simple Linear Regression b. Multiple Linear Regression c. Polynomial Regression b) Classification a. K-Nearest Neighbors (K-NN) b. Support Vector Machine (SVM) c. Naive Bayes d. Decision Tree Classification e. Random Forest Classification	10 hours
Total		35 hours


Mrs. J.P. Gabhane
 Coordinator


Dr. (Mrs.) N.M. Thakare
 HOD, C.T.
 Dept. of Computer Technology
 Priyadarshini College of Engineering
 Hingna Road Nagpur-10

Priyadarshini College of Engineering, Nagpur
Department of Computer Technology
Session 2020-21

Certificate Course on "Amazon Web Services"

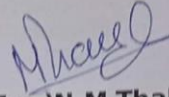
Curriculum

Sr. No.	Contents	No of hours
1	Fundamentals of Cloud Computing-Introduction to Cloud Computing	2 hours
2	Cloud Environment Architecture	2 hours
3	Cloud Computing Models	2 hours
4	Infrastructure & Networking- Introduction to Amazon Web Services AWS Global Infrastructure	3 hours
5	Introduction to Network Switches & Virtual Private Cloud VPC & Subnets	3 hours
6	Internet Gateways, VPC Peering & NAT Gateways IP Addressing in AWS	3 hours
7	Understanding AWS Security Groups launching our first EC2 instance	2 hours
8	EC2 instance types & Pricing Models	3 hours
9	Storage- Introduction to Block & Object storage mechanism Introduction to Elastic Block Store - EBS EB Snapshots	2 hours
10	EBS Volume Types	3 hours
11	Instance Store Volumes Introduction to Simple Storage Service (S3) Features of S3	4 hours

12	Elastic Load Balancers - Understanding High Availability Configuration	1 hour
13	ELB Configuration Elasticity Auto Scaling	2 hours
Total		32 hours



Mrs. R.A.Khan
Coordinator




Dr. (Mrs.) N.M. Thakare
HOD, C.T.
Head of Department
Dept. of Computer Technology
Priyadarshini College of Engineering
Hingna Road, Nagpur-46

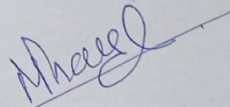
Priyadarshini College of Engineering, Nagpur
Department of Computer Technology
Session 2020-21

Add on Course on "Aptitude Development"

Curriculum

Sr. No.	Contents	No of hours
1	Permutations & Combinations hours	6 hours
2	Probability	4 hours
3	Time and Work	4 hours
4	Pipes and Cisterns	3 hours
5	Trains	4 hours
6	Time Speed Distance	4 hours
7	Profit, Loss & Discount	6 hours
Total		31 hours


Dr. (Mrs.) A.V. Dehankar
Coordinator



Dr. (Mrs.) N.M. Thakare
HOD, C.T.
Dept. of Computer Technology
Priyadarshini College of Engineering
Hingna Road Nagpur-46

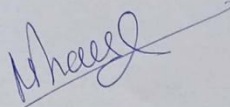
Priyadarshini College of Engineering, Nagpur
Department of Computer Technology
Session 2020-21

Add on Course on "Python Programming"

Curriculum

Sr. No.	Contents	No of hours
1	Python Overview Python Environment	3 hours
2	Python Basic Syntax Python Variable Types Python Basic Operators	2 hours
3	Python Decision Making Python Loops	3 hours
4	Python - Numbers Strings, Lists	2 hours
5	Python - Tuples Python Dictionaries	2 hours
6	Python- Date and Time	2 hours
7	Python - Functions	3 hours
8	Python- Modules	2 hours
9	Python - I/O Python - Exceptions	2 hours
10	Python - Classes and Objects	2 hours
11	Python - use in Business Analytics	2 hours
12	Python- Anaconda/ Pycharm/GUI	2 hours
13	Python - Libraries/ Function for ML/AI	2 hours
14	Python- Exploratory Data/ Data Visualization	2 hours
15	Machine Learning case study	2 hours
Total		33 hours


Dr. (Mrs.) A.V. Dehankar
Coordinator


Dr. (Mrs.) N.M. Thakare
HOD, C.T.
Dept. of Computer Technology
Priyadarshini College of Engineering
Hingna Road, Nagpur-46

PRIYADARSHINI COLLEGE OF ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING

MINUTES OF MEETING

NO. PCE/CIVIL/2020-21/

DATE: 29-06-2020

The meeting of Vice Principal/HOD, Coordinator, Academic Coordinator and departmental faculty members was conducted on 29th June 2020 through Google meet.

Agenda:

1. DAB (Departmental Advisory Board) and PAC (Program Assessment Committee) office order.
2. Display of attendance
3. Conduction of certificate course on STAAD for 5th semester students
4. Any other issues with permission of chair

Following faculty members were present:

Sr. No.	Name	Designation
1	Dr. S A Dhale	Vice Principal/ HOD
2	Prof. Vishal Ghutke	Coordinator
3	Dr. P T Dhorabe	Academic Coordinator
4	Prof. Veena Ganvir	Assistant Professor
5	Prof. Pranita Bhandari	Assistant Professor
6	Prof. Vikas Agrawal	Assistant Professor
7	Prof. Vikrant Vairagade	Assistant Professor
8	Dr. Sarika J Modak	Assistant Professor

Minutes of meeting

Vice Principal/HOD welcomed all the members present in the meeting and asked Prof. Ghutke to start for meeting

The following points were discussed in the meeting

Item No. 1 : Confirmation of the minutes of last minutes.

Item No. 2 : Departmental coordinator ask to prepare office order for DAB (Departmental Advisory Board) and PAC (Program Assessment Committee) for smooth conduction of all curriculum and extra curriculum activities .

Item No. 3 : All the faculties are informed to update the files of NBA and also plan accordingly in the session. Files are to be get checked within 15 days.

Item No. 4: Stakeholders meeting is initialized as per the academic calender and concerned in-charges have to submit the details of same.

Item No. 5 : Academic Co-ordinator ask to display students online classes attendance and circulate among the students and parents whats up group.

Item No. 6: Certificate course on STAAD is planed for 5th semester students after a thorough discussion with all the faculties in tie up with Civil Engineering Software Academy (CESA), Pune from 6st July to 11th July 2020 thought online mode. In-charge for the course Prof. P S Bhandari has to get the details confirmed with resource person and finalize in concern with head of the department to execute.

Item No. 7 : All the faculties are congratulated for maintaining the academic discipline in department.



HOD, Civil

Priyadarshini College of Engineering, Nagpur
Department of Civil Engineering
Session 2020-2021
(ODD SEM)

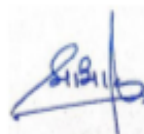
Certificate Course on STAAD-PRO

CURRICULUM

Sr. No.	Topic	Time
1	Introduction to STAAD-PRO layout & Tool bar	2 Hours
2	Introduction of STAAD entities solving and understanding 2D Structures	1 Hour
3	Introduction of STAAD entities solving and understanding 3D Structures	2 Hours
4	STAAD Coordinate System 2D Structures	2 Hours
5	STAAD Coordinate System 2D Structures results and errors debugging	3 Hours
6	STAAD Coordinate System 3D Structures	2 Hours
7	STAAD Coordinate System 3D Structures results and errors debugging	3 Hours
8	Assigning the properties, material, support & loads to abeam.	2 Hours
9	Assigning Moving, Wind & Seismic loads.	3 Hours
10	Concrete design, Specification & concrete parameters creating geometry of plane frame using the structure About PCE, Nagpur wizard.	2 Hours
11	Continue Same topic	3 Hours
12	Introduction and understanding Revit structure	2 Hours
13	Introduction and understanding Revit Architecture	3 Hours
TOTAL		30 Hours



Prof. P S Bhandari
Coordinator



Dr. S A Dhale
HOD, CIVIL

PRIYADARSHINI COLLEGE OF ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING

MINUTES OF MEETING

NO. PCE/CIVIL/2020-21/

DATE: 01-07-2021

The meeting of Vice Principal/HOD, Coordinator, Academic Coordinator and departmental faculty members was conducted on 01st March 2021. Mode of conduction of meeting is online though Google meet.

Agenda:

1. Commencement of online-classes for Even semester.
2. Conduction of certificate course on AUTO-CAD for 6th semester students
3. Any other issues with permission of chair

Following faculty members were present :

Sr. No.	Name	Designation
1	Dr. S A Dhale	Vice Principal/ HOD
2	Prof. Vishal Ghutke	Coordinator
3	Dr. P T Dhorabe	Academic Coordinator
4	Prof. Pranita Bhandari	Assistant Professor
5	Prof. Vikas Agrawal	Assistant Professor
6	Prof. Vikrant Vairagade	Assistant Professor
7	Dr. Sarika J Modak	Assistant Professor
8	Prof. Kirti Thakare	Assistant Professor

Minutes of meeting

Vice Principal/HOD welcomed all the members present in the meeting and asked Prof. Ghutke to start for meeting

The following points were discussed in the meeting

Item No. 1 : Confirmation of the minutes of last minutes.


Item No. 2 : Commencement of online-classes will be scheduled from 8th march 2021 for IV, VI and VIII semester. Time table incharge should prepare Time table for the same also circulate among the students and parents whats up group.

Item No. 3: Stakeholders meeting is initialized as per the academic calender and concerned in-charges have to submit the details of same.

Item No. 4: Certificate course on AUTO-CAD is planed for 6th semester students after a thorough discussion with all the faculties in tie up with Civil Engineering Software Academy (CESA), Pune from 22nd March to 27th March 2021 thought online mode. In-charge for the course Prof. V S Vairagade has to get the details confirmed with resource person and finalize in concern with head of the department to execute.

Item No. 5 : All the faculties are informed to update the files of NBA and also plan accordingly in the session. Files are to be get checked within 15 days.

Item No. 6 : All the faculties are congratulated for maintaining the academic discipline in department.



HOD, Civil

Priyadarshini College of Engineering, Nagpur
Department of Civil Engineering
Session 2020-2021 (EVEN)

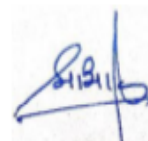
Certificate Course on AUTO-CAD

CURRICULUM

Sr. No.	Topic	Time
1	Introduction to AUTO-CAD & Tool bar	2 Hours
2	Introduction of 2D Structures and drawing	1 Hour
3	Introduction 3D Structures and drawing	2 Hours
4	Drawing Coordinates and commands for 2D Structures and 3D structures	2 Hours
5	Special Objects and Building plan	3 Hours
6	2D and 3D Building plan in AUTO-CAD	2 Hours
7	Continue Same topic	3 Hours
8	Multistory Building plan in AUTO-CAD	2 Hours
9	Continue Same topic	3 Hours
10	Osnap / Studio Plan in AUTO-CAD	2 Hours
11	Continue Same topic	3 Hours
12	Introduction and understanding Text / Style / Title Block, Editing Commands, Blocking / Layering	2 Hours
13	Continue Same topic, Question-Answer session	3 Hours
Total		30 Hours



Prof. V Vairagade
Coordinator



Dr. S A Dhale
HOD, CIVIL

Priyadarshini College of Engineering, Nagpur
Department of Electronics and Telecommunication Engineering
Session 2020-21

Ref. No. PCE/ET/CCC/2020-21/01

Date: 02/07/2020

Subject Planning for certificate/Add on Courses on Emerging Trends in Technology useful for Industry for the session 2020-21 and design of curriculum for these courses.

Following Committee has been constituted regarding the organization/conduction of Certificate Courses/Add-on courses in session 2020-21.


S. No.	Name of Faculty	Designation	Role
1.	Dr.V.K.Taksande	HOD	Chairman
2.	Dr. Mrs. A.P.Rathkantiwar	Academic Co-Ordinator	Member
3.	Dr. Mrs. P.U.Chati	Member	Coordinator
4.	Dr. Ms. Vrushali G.Nasre	Member	Coordinator
5.	Dr. P.P.Ashtankar	Member	Coordinator
6.	Dr. Mrs. J. M. Bhattad	Member	Coordinator

Responsibilities of Committee

Following are responsibilities of Committee:

1. To plan the schedule for the course.
2. To design the curriculum of the course
3. Conduction of course
4. Evaluation of course.

Copy to: Principal for information
: Dean Academics for information
: Program Assessment Committee members for necessary action
: Notice file for faculty circulation


Dr.V.K.Taksande
HOD (ETC)
Deptt. of E&T
Priyadarshini College of
Engineering, Nagpur-19

PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR
DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING
SESSION: 2020-2021

Date: 06/07/2020

Dr.V.K.Taksande

H.O.D.(E&T)

NOTE

Subject: Permission to organize the Certificate Courses

Department of Electronics and Telecommunication Engineering is organizing **Certificate Courses** on **C, C++, Python, Machine Learning and D-Jango** specially for 3rd/4th, 5th/6th and 7th/8th semester students respectively.

The details are as follows,

Sr. No.	Name of Certificate Course	Resource Person /Company Name	Sem	Date /Duration	Tentative Count of Participants
1.	Python Industrial Training(Online)	Mr. Prashant Jha (APS Microtech, Nagpur)	V/VI sem	13 th July- 17 th July 2020 (40hrs)	70 Participants
2.	C-C++ Industrial Training(Online)	Mr. Ashish Gadpayle (APS Microtech, Nagpur)	III/IV sem	22 nd July- 25 th Sep 2020 (65 Hours)	60 Participants
3.	D-Jango (Online)	Mr. Prashant Jha (APS Microtech, Nagpur)	VII/VIII sem	17 th Aug -29 th Aug 2020 (45hrs)	60 Participants
4.	Machine Learning (Online)	Mr. Prashant Jha (APS Microtech, Nagpur)	VII/VIII sem	14 th Sep -26 th Sep 2020 (45hrs)	40 Participants

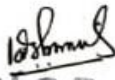
So, kindly request you to give the permission for the same.

To,

The Principal, PCE, Nagpur

Copy to:

- : Dean Academics for information
- : Program Assessment Committee members for necessary action
- : Notice file for faculty circulation


H.O.D.
Deptt. of E&T
Priyadarshini College of
Engineering, Nagpur-19

PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR
DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING
SESSION: 2020-2021

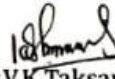
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Certificate Course on "Python"

Curriculum

Sr.No.	Contents	No. of Hours
1	Introduction & Conceptual Part <ul style="list-style-type: none">History and Hierarchy of python languagesApplication of pythonAdvantages of pythonDisadvantages of pythonProgram StructureUser interface IDEFeatures of pythonSetting up pathBasic syntax of pythonData types and Variables Constant, Identifier, Keywords, Tokens Numbers, Strings, List	10Hours
2	Function in python <ul style="list-style-type: none">Built in functionUser define function	10Hours
3	Modules and packages <ul style="list-style-type: none">Importing modules in pythonPackageCompositionsWorking with random modules	10Hours
4	Control Statement <ul style="list-style-type: none">Conditional statementLooping & iteration statement	10Hours
	Total	40 Hours


Dr. P.P. Ashtankar
Coordinator


Dr. V.K. Taksande
HOD (ETC)

PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR
DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING
SESSION: 2020-2021


Date: 06/07/2020

Certificate Course on "C-Language and C++"

Curriculum of C-Language

Sr.No.	Contents	No. of Hours
C-Language		
1	<ul style="list-style-type: none">History and Hierarchy of languagesTranslators (Compiler & Interpreter)	5Hours
2	<ul style="list-style-type: none">Fundamental of CVariableOperators	5Hours
3	<ul style="list-style-type: none">Structure of C,<ul style="list-style-type: none">#define preprocessorBasic program execution of C	5Hours
4	<ul style="list-style-type: none">Typecasting, I/O<ul style="list-style-type: none">Type casting in CASCII in CInput/output operation	5Hours
5	<ul style="list-style-type: none">Control statement<ul style="list-style-type: none">Simple If, If else, Nested If else, Else ifLooping, for loop, while loop, do while loop, nested for loopNested for loop, pattern examplesJump statement, break, continue	5Hours
6	<ul style="list-style-type: none">Creating Header FileFile HandlingCommand line arguments	5Hours
	Total	30Hours


Dr. Ms. V.G. Nasre
Coordinator

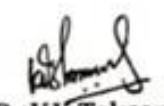

Dr. V.K. Taksande
HOD (ETC)

Curriculum of C++ Language

Sr.No.	Contents	No. of Hours
1.	Module-1	
	<ul style="list-style-type: none"> • Introduction to C++ <ul style="list-style-type: none"> ○ Variable • OOPs concept <ul style="list-style-type: none"> ○ Introduction of C++, History ○ OOPs features • Fundamental of C++ <ul style="list-style-type: none"> ○ Variable declaration protocols ○ Dynamic initialization of variable 	5 Hours
2.	Module-2	
	<ul style="list-style-type: none"> • Operator Manipulator I/o <ul style="list-style-type: none"> ○ Operators in C ○ Insertion and Extraction operator ○ Scope resolution operator ○ new, delete operator ○ Manipulator (endl, dec, hex, oct, setbase(), setw(), setfill(), setprecision) • Datatypes • Functions 	6Hours
3.	Module-3	
	<ul style="list-style-type: none"> • Structure <ul style="list-style-type: none"> ○ C++ structure ○ Difference between C's structure and C++'s structure • Class <ul style="list-style-type: none"> ○ Function inside ○ Function outside • Object <ul style="list-style-type: none"> ○ Types of object • <u>Defining member function within class</u> <ul style="list-style-type: none"> ○ Object array ○ Object as function arguments ○ Object memory allocation 	6 Hours
4.	Module-4	
	<ul style="list-style-type: none"> • Constructor <ul style="list-style-type: none"> ○ Types of constructor • Destructor • This pointer 	6 Hours

	<ul style="list-style-type: none"> ○ Static member ○ Static Member Function • Friend Function • Friend class • Operator overloading 	
5.	Module -5	
	<ul style="list-style-type: none"> • Inheritance <ul style="list-style-type: none"> ○ Single Inheritance ○ Multilevel Inheritance ○ Hierarchical Inheritance ○ Multiple Inheritance ○ Hybrid Inheritance • Ambiguity in Multiple inheritance 	6 Hours
6.	Module-6	
	<ul style="list-style-type: none"> • Virtual Function • Pure Virtual Function • Template <ul style="list-style-type: none"> ○ C++ templates ○ Function Template • Defining namespace <ul style="list-style-type: none"> ○ Using directives 	6 Hours
Total		35 Hours


Dr. Ms. V.G. Nasre
Coordinator


Dr. V.K. Taksande
HOD (ETC)

PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR
DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING
SESSION: 2020-2021


Date: 06/07/2020

Certificate Course on "D-Jango"

Curriculum

Sr. No.	Contents	No. of Hours
1.	Introduction to Django	2Hours
2.	Django Download & Installation	2Hours
3.	The Basics of Dynamic Web Pages	1Hours
4.	The Django Template System	10 Hours
5.	Interacting with a Database: Models	10 Hours
6.	The Django Administration Site	5 Hours
7.	Form Processing	5Hours
8.	Advanced Views and URL configurations Django Sub Framework Generic Views Extending the Template Engine	10Hours
	Total	45 Hours


Dr. Mrs. P.U. Chati
Coordinator



Dr. V.K. Taksande
HOD (ETC)


PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR
DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING
SESSION: 2020-2021

Date: 06/07/2020

Certificate Course on "Machine Learning"
Curriculum

Sr. No.	Contents	No. of Hours
1.	Introduction of Machine Learning a.Supervised Learning b.Unsupervised Learning Reinforcement Learning	5Hours
2.	Welcome to Part 1: Data Preprocessing Importing the Libraries Importing the Dataset	10Hours
3.	Part 1 Continues... Taking care of Missing Data Encoding Categorical Data Splitting the dataset into the Training set and Test set Feature Scaling	10Hours
4.	Welcome to Part 2: Regression Simple Linear Regression Intuition Dataset Multiple Linear Regression Intuition EX. Salary Prediction	10 Hours
5.	Classification K-Nearest Neighbor Intuition	10 Hours
	Total	45 Hours


Dr. Mrs. J.M.Bhattad
Coordinator


Dr.V.K.Taksande
HOD (ETC)

Priyadarshini College of Engineering, Nagpur

Department of Mechanical Engineering

Session 2020-21

Ref. No. PCE/ME/PAC/2020-21/

Date: 23/03/2021

Subject: Planning for certificate / add on course "06 Days Online Certificate Course in CREO PARAMETRIC 6.0" for the session 2020-21 and design of curriculum for the course.

Following Program Assessment Committee has been constituted regarding the conduction of certifications course in session 2020-21

S. No.	Name of Faculty	Designation	Role
1	Dr.K.S.Zakiuddin	HOD	Chairman
2	Dr.I.A.Khan	Member	Member
3	Dr. C.N. Sakhale	Member	Member
4	Dr. M. S. Giripunje	Member	Coordinator

Responsibilities of Program Assessment Committee

Following are responsibilities of Program Assessment Committee:

1. To plan the schedule for the course.
2. To design the curriculum of the course
3. Evaluation of course.


Dr. K. S. Zakiuddin
HOD, Mechanical Engineering
HOD
DEPARTMENT OF MECH. ENGG
P.C.E. NAGPUR


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: Dean Academics for information
: Program Assessment Committee members for necessary action
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**Curriculum
CREO PARAMETRIC 6.0**

Course Code	BEMEC6	Department	
Duration	30 Hrs	Semester	
Credits		Pre requisites, if any	None
Exam Duration		Max Marks	
Course Objective	1. Students will get introduced in CAD, CAE & PDM 2. Students will learn about Creo Parametric 6.0 interface. 3. Students will learn about Modeling Interface & Sketching tools. 4. Students will learn about Surface modeling tools. 5. Students will learn about Assembly modeling.		

Course Details:

Session	Particulars	TH 1Hr+PR 2Hrs
1	Introduction to CAD, General working of CAE and PDM. Learn the basic Creo Parametric modeling process. Understand Creo Parametric concepts Learn how to use Creo Parametric interface	3+2
2	Select and edit geometry, features, and models Sketch geometry and use tools Create sketches for features Create datum planes and datum axes	1+4
3	Create extrudes, revolves, and profile ribs Utilize internal sketches and embedded datums Create sweeps and blends Create holes, shells, and drafts	1+4
4	Create rounds and chamfers Group, copy, and mirror items Create patterns Measure and inspect models Assemble with constraints	1+4
5	Assemble with connections Explode assemblies Lay out drawings and create views Create drawing annotations	1+4
6	Use layers Investigate parent/child relationships Capture and manage design intent Resolve failures and seek help Comprehensive two part Design Project	1+4
Total		30 Hrs


HOD
 DEPARTMENT OF MECH. ENGG
 P.C.E NAGPUR

Priyadarshini College of Engineering, Nagpur

Department of Electronics Engineering

Session 2020-21

Ref. No. PCE/EN/PAC/2020-21/ 03

Date: 29/06/2020

Subject: Planning for certificate Course on “PLC & SCADA” for the session 20120-21 and design of curriculum for the course.

Following Program Assessment Committee has been constituted regarding the conduction of certifications course in session 2020-21

S. No.	Name of Faculty	Designation	Role
1	Dr.S.S.Shriramwar	HOD	Chairman
2	Ms. S.G.Mungale	Member	Member
3	Mrs.K.M.Bogawar	Member	Coordinator

Responsibilities of Program Assessment Committee

Following are responsibilities of the Program Assessment Committee:

7. To plan the schedule for the course.
8. To design the curriculum of the course
9. Evaluation of course.



Dr.S.S.Shriramwar
HOD, Electronics Engineering

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Priyadarshini College of Engineering, Nagpur
Department of Electronics Engineering
Workshop on PLC & SCADA
Curriculum
Session 2020-21

Sr. No.	Contents	No of hours
1	Introduction to automation.	1 hours
2	Why we need automation?	2 hours
3	Introduction to PLCs.	2 hours
4	PLC advantage over microcontroller.	1 hours
5	Sensor introduction and their need.	2 hours
6	HMI introduction and their need.	3 hours
7	Data flow during Automation	2 hours
8	Area of Applications	1 hour
9	Introduction to SCADA.	2 hours
10	Detail study of PLC & SCADA.	2 hours
11	Programming of PLC through SCADA.	3 hours
12	PLCs I/Os basics, burning and interfacing concepts (Ladder logic, RSLogix)	3 hours
13	Downloading a ladder program in PLC using RSLinx.	4 hours
14	SESSION 3-	
	Hands-on PLC training kit and SCADA software	4hours
Total		32 hours



Dr.S.S.Shriramwar

HOD,Electronics Engineering

2019-20

Priyadarshini College of Engineering, Nagpur
Department of Computer Technology
Session 2019-20

Ref. No. PCE/CT/PAC/19-20/02

Date: 09/07/2020

Subject: Planning for certificate /Add on Courses

- A. Certificate course on " ASP.NET"
 - B. Certificate Course on " MANGO DB"
 - C. Add on Course on " Python Programming"
 - D. Add on Course on " Explore Python"
- for the session 2019-20 and design of curriculum for the course.

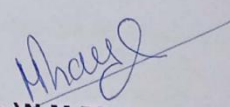
Following committee including Program Assessment Committee and co-coordinators has been constituted regarding the conduction of certifications / Add on Courses in session 2019-20

S.	Name of Faculty	Designation	Role
1	Dr.(Mrs.) N.M.Thakare	Assoc. Prof. And HOD	Chairman
2	Dr.(Mrs.) A.V.Dehankar	Asst.Prof and Member	Member
3	Dr.(Mrs.)S.S.Golait	Asst.Prof and Member	Coordinator-C
4	Mrs.J.P.Gabhane	Asst.Prof and Member	Coordinator-A and B
5	Mr.P.U.Tembhare	Asst.Prof and Member	Member
6.	Mrs.R.A.Khan	Asst.Prof	Coordinator-D

Responsibilities of Program Assessment Committee

Following are responsibilities of Program Assessment Committee:

- 1. To plan the schedule for the courses.
- 2. To design the curriculum of the courses
- 3. Evaluation of courses.


Dr.(Mrs.) N.M.Thakare
HOD, Computer Technology

Dept. of Computer Technology
Priyadarshini College of Engineering
Hingna Road Nagpur-46

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: Notice file for faculty circulation

Priyadarshini College of Engineering, Nagpur
Department of Computer Technology
Session 2019-20

Certificate Course on "ASP.NET"

Curriculum

Sr. No.	Contents	No of hours
1	Introduction to ASP.NET	2 hours
2	Introduction to Standard Control	2 hours
3	Validation Controls	2 hours
4	State Management in ASP.NET	4 hours
5	Caching in ASP.NET	2 hours
6	Master Pages and Themes	5 hours
7	Working with Data controls	6 hours
8	ASP.NET Security	3 hours
9	Deployment	2 hours
10	AJAX	3 hours
11	Web services and WCF	5 hours
12	Silverlight	4 hours
Total		40 hours

J.P. Gabhane
Mrs. J. P. Gabhane
Coordinator

N.M. Thakare
Dr. (Mrs.) N. M. Thakare
HOD, C.T.
Head of Department,
Dept. of Computer Technology
Priyadarshini College of Engineering
Hingna Road, Nagpur-19

Priyadarshini College of Engineering, Nagpur
Department of Computer Technology
Session 2019-20

Certificate Course on "MongoDB"

Curriculum

Sr. No.	Contents	No of hours
1	Introduction to MongoDB - Why NoSQL, Difference between SQL vs NoSQL, Relational vs Document, Case Examples, Vital Terminology Differences, Operational Differences	3 hours
2	Installation of MongoDB on choice of OS - Windows, Ubuntu, Mac (Starting Mongo Daemon, and Mongo Shell, examples of operations from Mongo Shell Prompt, Automating the startup)	2 hours
3	Installation of MongoChef IDE for MongoDB GUI tool , Command Prompt operations (Mongo Shell)	3 hours
4	How to create and drop database in MongoDB	2 hours
5	How to create and drop collection in MongoDB	2 hours
6	Insert documents - Single Insert,	2 hours

	Multiple Insert	
7	Query Documents - FIND() function - Use of several operators, Logical operators, Combination of conditions, equivalence study with SQL	3 hours
8	UPDATE documents, various forms of UPDATE operation	2 hours
9	DELETE documents, various forms of DELETE operation	2 hours
10	MongoDB Projection (Equivalence of projection in SQL query statements)	2 hours
11	Using SORT, SKIP, LIMIT	2 hours
12	MongoDB Indexing	2 hours
13	MongoDB Aggregation (Equivalence of Group Functions in SQL)	2 hours
14	MongoDB Backup / Restore database	2 hours
15	What is Sharding - Concept of Sharding	2 hours
Total		33 hours

J.P. Gabhane
Mrs. J. P. Gabhane
Coordinator


M. N. M. Thakare
Dr. (Mrs.) N. M. Thakare
 Head of Dept. of Technology
HOD C.T.
 Priyadarshini College of Engineering
 Hingna Road Nagpur-19

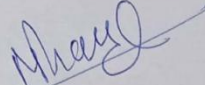
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Department of Computer Technology
Session 2019-20

Add on Course on "Python Programming"

Curriculum

Sr. No.	Contents	No of hours
1	Python Overview Python Environment	3 hours
2	Python Basic Syntax Python Variable Types Python Basic Operators	2 hours
3	Python Decision Making Python Loops	3 hours
4	Python - Numbers Strings, Lists	2 hours
5	Python - Tuples Python Dictionaries	2 hours
6	Python- Date and Time	2 hours
7	Python - Functions	3 hours
8	Python- Modules	2 hours
9	Python - I/O Python - Exceptions	2 hours
10	Python - Classes and Objects	2 hours
11	Python - use in Business Analytics	2 hours
12	Python- Anaconda/ Pycharm/GUI	2 hours
13	Python - Libraries/ Function for ML/AI	2 hours
14	Python- Exploratory Data/ Data Visualization	2 hours
15	Machine Learning case study	2 hours
Total		33 hours


Dr. (Mrs.) A.V. Dehankar
Coordinator


Dr. (Mrs.) N.M. Thakare
HOD, C.T.
Dept. of Computer Technology
Priyadarshini College of Engineering
Hingna Road, Nagpur-19


Priyadarshini College of Engineering, Nagpur
Department of Computer Technology
Session 2019-20

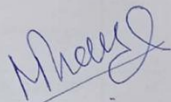
Add on Course on "Explore Python"

Curriculum

Sr. No.	Contents	No of hours
1	An Informal Introduction to Python	2 hours
2	More Control Flow Tools <ul style="list-style-type: none">* if Statements* for Statements* The range() Function* break and continue Statements, and else Clauses on Loops* pass Statements	6 hours
3	Data Structures Data Types <ul style="list-style-type: none">* More on Lists* The del statement* Tuples and Sequences* Sets* Dictionaries	4 hours
4	Errors and Exceptions <ul style="list-style-type: none">* Syntax Errors* Exceptions* Handling Exceptions* Raising Exceptions	4 hours
5	Classes <ul style="list-style-type: none">* A Word About Names and Objects	6 hours

	<ul style="list-style-type: none"> * Python Scopes and Namespaces * A First Look at Classes * Random Remarks * Inheritance * Private Variables * Odds and Ends * Iterators * Generators Generator Expressions 	
6	Data Preprocessing using Python <ul style="list-style-type: none"> * Get the dataset * Importing the Libraries * Importing the Dataset * Missing Data * Categorical Data * Splitting the Dataset into the Training set and Test set * Feature Scaling * Data Preprocessing Template 	6 hours
7	Data Visualization Using Python	4 hours
Total		32 hours


Mrs. R.A. Khan
 Coordinator


Dr. (Mrs.) N.M. Thakare
 Head of Department
 Dept. of Computer Technology
 Priyadarshini College of Engineering
 Hingna Road Nagpur-19

PRIYADARSHINI COLLEGE OF ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING

MINUTES OF MEETING

NO. PCE/CIVIL/2019/

DATE: 08-08-2019

The meeting of HOD, Coordinator, Academic Coordinator and departmental faculty members was conducted on 8th August 2019.

Agenda:

1. Parent Teacher Meet
2. Conduction of certificate course on STAAD for 5th semester students.
3. Any other issues with permission of chair

Following faculty members were present:

Sr. No.	Name	Designation
1	Dr. S A Dhale	Vice Principal/ HOD
2	Prof. Vishal Ghutke	Coordinator
3	Dr. P T Dhorabe	Academic Coordinator
4	Prof. Veena Ganvir	Assistant Professor
5	Prof. Pranita Bhandari	Assistant Professor
6	Prof. Vikas Agrawal	Assistant Professor
7	Prof. Vikrant Vairagade	Assistant Professor
8	Dr. Sarika J Modak	Assistant Professor
9	Prof. Roshani Dhapudkar	Assistant Professor
10	Prof. Alaka Das	Assistant Professor
11	Prof. Kirti Thakare	Assistant Professor
12	Prof. Amol Kedar	Assistant Professor

Minutes of meeting

HOD welcomed all the members and called the meeting in order.

Item No. 1 : Conduction of Parent-Teacher Meet

With the concern of all the faculties it is decided to conduct PTM on 10-08-2019, 11:00am at conference room.

Item No. 2: Conduction of Certificate course on STAAD-PRO

With the concern of all the faculties it is decided to conduct Certificate course on STAAD-PRO for 5th semester students in collaboration with Mr. Suraj Gaikwad, Civil Engineering Software Academy, Nagpur. In-charge for the course will be Prof. P S Bhandari. The duration for this training program will be 19th August to 23rd August 2019. The meeting is concluded with vote of thanks.


HOD
Civil Engg. Dept

Priyadarshini College of Engineering, Nagpur
Department of Civil Engineering
Session 2019-2020

Certificate Course on STAAD-PRO

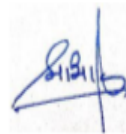
CURRICULUM

Sr. No.	Topic	Time
1	GENERAL THEORY: 1. Introduction and application of STAAD-PRO 2. Basic (Structure type space, truss, plane, floor) 3. Explanation of job information window 4. Snap node beam, snap node n solid 5. Grid linear, radial, irregular. 6. Open back up manager 7. Labels (node n beam) 8. Translations repeat 9. Add beam, add beam by perpendicular section between mid-points. 10. Insert node.	3 Hours
2	BASIC COMMANDS: 1. Basic plan 2. Circular repeat, mirror command 3. Select commands 4. Selection modes, selection according to axis, selection by range, by list, all inverse and entity, selection according to specification, missing attributes, view selected objects only. 5. Explanation for all type of supports. 6. Member properties.	3.45 Hour
3	1. Explanation of basic loading. 2. Explanation of basic loadings for RCC building for above plans 3. Performing various checks before analysis Explain STAAD input file (member incidences, joint coordinates) 4. Analysis of modeled building plan. 5. Explanation of global and local coordinates system. 6. Explanation of graphical post processor for verifying analysis results. 7. Explanation of design parameters and performing same. 8. Explanation for member releases and offsets 9. Question and answer regarding RCC & buildings.	6.45 Hours

4	1. Steel structures. 2. Introduction to structure wizard 3. Modelling of trusses from structure wizard 4. Brief explanation of loading for a truss. 5. Analysis and discussion for the results. 6. Introduction to steel design considering the truss. 7. Towers. 8. Introduction for modelling towers. 9. Brief explanation of loading for a towers. 10. Analysis and discussion for the results.	6.45 Hours
5	1. Explanation of modelling of plates and plate orientation 2. Typical modelling of a water tank , loading conditions for a water tank 3. Rectangular , square tanks (underground and elevated) 4. Introduction to earthquake analysis 5. Brief technical understanding of some earthquake related terms	6.45 Hours
6	1. Pseudo static Method analysis 2. Response spectrum analysis 3. Report setup importing files various other software 4. Question and answer session	6.45 Hours
Total		32.25 Hours



Prof. P S Bhandari
Coordinator



Dr. S A Dhale
HOD, CIVIL

Priyadarshini College of Engineering, Nagpur
Mechanical Engineering Department

Ref.No.PCE/ME/PAC/2019-20/

Date: 08/08/2019

Session 2019-20

Subject: Planning for certificate course "Recent Trends in HVAC&R" for the Session 2019-20 and design of curriculum for the course.

Following Program Assessment Committee has been constituted regarding the conduction of certifications course in session 2018-19.

Sr.No.	Name of Faculty	Designation	Role
1	Dr.K.S.Zakiuddin	HOD	Chairman
2	Prof. M. S. Matey	Member	Coordinator
3	Prof. S. P. Lokhande	Member	Coordinator
4	Prof. N. R. Pathare	Member	Member
5	Prof. R. S. Tupkar	Member	Member
6	Prof. P. V. Jadhav	Member	Member

Responsibilities of Program Assessment Committee

Following are responsibilities of Program Assessment Committee:

1. To plan the schedule for the course.
2. To design the curriculum of the course
3. Evaluation of course.


Dr. K. S. Zakiuddin

HOD, Mechanical Engineering
HOD
DEPARTMENT OF MECH. ENGG
P.C.E NAGPUR

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Priyadarshini College of Engineering, Nagpur
Mechanical Engineering Department

Session 2019-20

SYLLABUS OF THE COURSE

Sr. No.	Content	Duration
1.	Introduction to Refrigeration	4 hrs.
2.	Types of Heat and its Properties	4 hrs.
3.	Law's of Thermodynamics	2 hrs.
4.	Enthalpy, Entropy and various Processes	6 hrs.
5.	Analysis of the Processes	2 hrs.
6.	Types of Refrigerant and its Properties	6 hrs.
7.	Types of Compressors, Evaporators, Condensers and Expansion Devices	6 hrs.
8.	Types of Refrigeration Cycles	4 hrs.
9.	Difference between Commercial and Industrial Refrigeration	4 hrs.
10.	Types of A-r-conditioning Systems	2 hrs.
11.	Heat Load Calculations.	8 hrs.
12.	Duct Design	8 hrs.


HOD
DEPARTMENT OF MECH. ENGG
P.C.E NAGPUR

Priyadarshini College of Engineering , Nagpur
Department of Electrical Engineering
Session 2019-20

Ref. No. PCE/EP/PAC/2019-20/03

Date : 25/07/2019

Subject: Planning for Certificate / Add on Course on "One Week Workshop on Electrical Installations and Design Features ", for the session 2019-20 and design of curriculum for the course.

Following program assesment committee has been constituted regarding the conduction of certification course in session 2018-19

Sr. No	Name of Faculty	Designation	Role
1	Dr. K.B.Porate	HoD	Chairman
2	Dr.S.P.Muley	Member	Member
3	Dr.R.A.Keswani	Member	Member
4	Mrs. B.S.Dani	Member	Member
5	Mr.H.P.Thakre	Member	Co-ordinator

Responsibilities of program assessment committee.

Following are the responsibilities of program assessment committee:

1. To plan the schedule of the course
2. To design the curriculum of the course
3. Evaluation of the course



Dr. K.B.Porate
HoD, Electronics & Power

H.O.D.
Electrical Engineering
Priyadarshini College of Engineering
Nagpur

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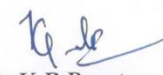
Priyadarshini College of Engineering, Nagpur
Department of Electrical Engineering (E&P)

Workshop on Electrical Installation & Design features.

**Curriculum
Session 2019-20**

Sr. No.	Content	No of hours
1	Introduction to Electrical Installation & Design	2 hours
2	Types of Installation and consumer categories	2 hours
3	Introduction to Cables and its laying methods	2 hours
4	Introduction to Installation & Design of Transformer	3 hours
5	Introduction to Induction Motor Starter and its design	3 hours
6	Types of High voltage and low voltage Circuit breakers	3 hours
7	Practical test on MCB test unit. (Type B , Type C)	2 hours
8	Earthing and its necessity, Methods of Earthing	2 hours
9	Practical Test on RCCB test unit.	3 hours
10	Measurement of Earth Resistance using Digital Earth Tester	3 hours
11	Practical Test on Automatic Power factor Correction Unit (APFC) .	3 hours
12	Electrical Design Calculation on low P.F	3 hours
13	Role and Responsibilities of Electrical Contractor for Electrical Installation & Design.	2 hour
Total		33hours


Mr. H.P. Thakre
Coordinator


Dr. K.B. Porate
HOD, Electrical Engineering (E&P)

Priyadarshini College of Engineering , Nagpur
Department of Electrical Engineering
Session 2019-20

Ref. No. PCE/EP/PAC/2019-20/02

Date : 18/07/2019

Subject: Planning for Certificate / Add on Course on “ One week Certification course on Industrial Automation & PLC “ , for the session 2019-20 and design of curriculum for the course.

Following program assesment committee has been constituted regarding the conduction of certification course in session 2019-20

Sr. No	Name of Faculty	Designation	Role
1	Dr. K.B.Porate	HoD	Chairman
2	Dr.S.P.Muley	Member	Member
3	Dr.R.A.Keswani	Member	Member
4	Mrs. B.S.Dani	Member	Member
5	Mr. C.S.Kamble	Member	Co-ordinator

Responsibilities of program assessment committee.

Following are the responsibilities of program assessment committee:

1. To plan the schedule of the course
2. To design the curriculum of the course
3. Evaluation of the course



Dr. K.B.Porate
HoD, Electronics & Power

H.O.D.
Electrical Engineering
Priyadarshini College of Engineering
Nagpur


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:Program Assesment Committee members for necessary action
:Notice file for faculty circulation


Priyadarshini College of Engineering, Nagpur
Department of Electrical Engineering (E&P)

Workshop on Industrial automation & PLC.

**Curriculum
Session 2019-20**

Sr. No.	Content	No of hours
1	PLC hardware and architecture	2 hours
2	Source and sink concepts in PLC	2 hours
3	Types of PLC	2 hours
4	Wiring with different field device to PLC	3 hours
5	Types of sensors and wiring with PLC	3 hours
6	PLC programming types and languages	3 hours
7	PLC brands and its programming software	2 hours
8	Practice on software and hardware	3 hours
9	Memory bit concepts and its Importance in PLC	2 hours
10	Practices of digital programming with example	3 hours
11	Trigger concepts and its importance	3 hours
12	Types of triggers and its uses	4 hours
13	Timer concepts and its types	1 hour
Total		33hours


Mr. C.S.Kamble
Coordinator


Dr.K.B.Porate
HOD, Electrical Engineering (E&P)

Priyadarshini College of Engineering, Nagpur

Department of Electronics Engineering

Session 2019-20

Ref. No. PCE/EN/PAC/2019-20/04

Date: 19/05/2019

Subject: Planning for the certificate course on

1. PLC & SCADA 2. Breadboard Designing & Testing

for the session 2019-20 and design of curriculum for the course.

Following Program Assessment Committee has been constituted regarding the conduction of certifications course in session 2019-20

S. No.	Name of Faculty	Designation	Role
1	Dr.S.S.Shriramwar	HOD	Chairman
2	Ms. S.G.Mungale	Member	Member
3	Mrs.K.M.Bogawar	Member	Coordinator

Responsibilities of Program Assessment Committee

Following are responsibilities of the Program Assessment Committee:

4. To plan the schedule for the course.
5. To design the curriculum of the course
6. Evaluation of course.



Dr.S.S.Shriramwar
HOD, Electronics Engineering

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2018-19

Priyadarshini College of Engineering, Nagpur

Department of Computer Technology

Session 2018-19

Ref. No. PCE/CT/PAC/18-19/02

Date: 16/07/2018

Subject: Planning for certificate / Add on Courses

- A. Certificate Course on "ASP.NET"
 - B. Certificate Course on "SQL, PL/SQL"
 - C. Add on Course on "Python Programming"
- for the session 2018-19 and design of curriculum for the courses.


Following committee including Program Assessment Committee and coordinators has been constituted regarding the conduction of certifications/Add on courses in session 2018-19

S. No.	Name of Faculty	Designation	Role
1	Dr.(Mrs.) N.M.Thakare	Assoc. Prof. And HOD	Chairman
2	Mrs. A.V.Dehankar	Asst.Prof and Member	Coordinator C
3	Mrs.P.S.Karemore	Asst.Prof and Member	Member
3	Dr.(Mrs.)S.S.Golait	Asst.Prof and Member	Member
4	Mrs.J.P.Gabhane	Asst.Prof and Member	Coordinator A and B
5	Mr.P.U.Tembhare	Asst.Prof and Member	Member

Responsibilities of Program Assessment Committee

Following are responsibilities of Program Assessment Committee:

1. To plan the schedule for the courses.
2. To design the curriculum of the courses
3. Evaluation of courses.


Dr. (Mrs.) N.M. Thakare
HOD, Computer Technology

Dept. of Computer Technology
Priyadarshini College of Engineering
Hingna Road Nagpur-19

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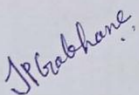
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Priyadarshini College of Engineering, Nagpur
Department of Computer Technology
Session 2018-19

Certificate Course on "ASP.NET"

Curriculum

Sr. No.	Contents	No of hours
1	Introduction to ASP.NET	2 hours
2	Introduction to Standard Control	2 hours
3	Validation Controls	2 hours
4	State Management in ASP.NET	4 hours
5	Caching in ASP.NET	2 hours
6	Master Pages and Themes	5 hours
7	Working with Data controls	6 hours
8	ASP.NET Security	3 hours
9	Deployment	2 hours
10	AJAX	3 hours
11	Web services and WCF	5 hours
12	Silverlight	4 hours
Total		40 hours

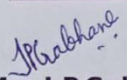

Mrs. J. P. Gabhane
Coordinator

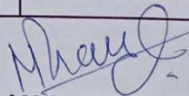

Dr. (Mrs.) N. M. Thakare
Head of Department
Dept. of Computer Technology
Priyadarshini College of Engineering
Hingna Road, Nagpur-462010

Priyadarshini College of Engineering, Nagpur
Department of Computer Technology
Session 2018-19

Certificate Course on "SQL, PL/SQL"
Curriculum

Sr. No.	Contents	No of hours
1	Introduction to Oracle Database	2 hours
2	RDBMS Theory	2 hours
3	Oracle Architecture	2 hours
4	Select Statement	2 hours
5	Sub-Queries	2 hours
6	Joins	2 hours
7	Aggregate and Group Functions	2 hours
8	Single Row Functions	2 hours
9	DML & Transactions	2 hours
10	Create table	2 hours
11	Constraints	2 hours
12	PL/SQL Introduction	2 hours
13	Exception Handling	2 hours
14	Cursors	2 hours
15	Procedures & Functions	2 hours
16	Packages	2 hours
17	Triggers	2 hours
18	Object Types	2 hours
19	Collections	2 hours
Total		38 hours


Mrs. J. P. Gabhane
Coordinator

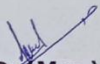

Dr. (Mrs.) N. M. Thakare
HOD, C.T.
Priyadarshini College of Engineering,
Hingna Road Nagpur-19

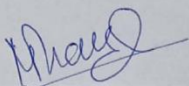
Priyadarshini College of Engineering, Nagpur
Department of Computer Technology
Session 2018-19

Add on Course on "Python Programming"

Curriculum

Sr. No.	Contents	No of hours
1	Python Overview Python Environment	3 hours
2	Python Basic Syntax Python Variable Types Python Basic Operators	2 hours
3	Python Decision Making Python Loops	3 hours
4	Python - Numbers Strings, Lists	2 hours
5	Python - Tuples Python Dictionaries	2 hours
6	Python- Date and Time	2 hours
7	Python - Functions	3 hours
8	Python- Modules	2 hours
9	Python - I/O Python - Exceptions	2 hours
10	Python - Classes and Objects	2 hours
11	Python - use in Business Analytics	2 hours
12	Python- Anaconda/ Pycharm/GUI	2 hours
13	Python - Libraries/ Function for ML/AI	2 hours
14	Python- Exploratory Data/ Data Visualization	2 hours
15	Machine Learning case study	2 hours
Total		33 hours


Dr. (Mrs.) A.V. Dehankar
Coordinator


Dr. (Mrs.) J.N.M. Thakare
HOD, C.T.
Dept. of Computer Technology
Priyadarshini College of Engineering
Hingna Road Nagpur-19

PRIYADARSHINI COLLEGE OF ENGINEERING
Near CRPF Campus, Hingna Road, Nagpur-19
DEPARTMENT OF CIVIL ENGINEERING

Minutes of meetings

Date : 24/08/2018

Minutes for the Meeting held on 24/08/2018 at 5:00 pm. Meeting was held in conference room.

Agenda:

1. Moderation of CAT-II Question Paper
2. Conduction of certified courses on STAAD-PRO

Following faculties were present in the meeting:-

Sr. No.	Name of Faculty	Designation
1	Dr. S.A. Dhale	Vice Principal & HOD
2	Prof. V.S. Ghutke	Assistant Professor & Coordinator
3	Prof. V.A. Ganvir	Assistant Professor
4	Prof. V.R. Agrawal	Assistant Professor
5	Prof. R.M. Shelke	Assistant Professor
6	Prof. V.S. Vairagade	Assistant Professor
7	Prof. Sarika Modak	Assistant Professor
8	Dr. Prashant Dhorabe	Assistant Professor
9	Prof. Roshani Dhapudkar	Assistant Professor
10	Prof. Kirti Thakare	Assistant Professor
11	Prof. Alaka Das	Assistant Professor
12	Prof. Amol Kedar	Assistant Professor
13	Prof. Manisha Chinchghare	Assistant Professor

HOD welcome all the members present and called the meeting in order.

Item No. 1: Moderation of CAT-II Question Paper

Moderation of CAT-II question paper of all the subjects has been successfully completed.

Item No. 2: Conduction of certified courses on STAAD-PRO

With the consent of all the faculties it is decided to conduct the Certificate Course on STAADPRO for 5th semester students in collaboration with Er. Hitesh Lahoti and Associates, Pune. Dr. Sarika Modak will be the incharge of this One week Training Program. The duration for this training program will be 17th September 2018 to 22nd September 2018.

The meeting is concluded with vote of thanks


H.O.D
Civil Engg Dept

Priyadarshini College of Engineering, Nagpur

Department of Civil Engineering

Session 2018_2019

Certificate Course on STAAD_PRO

CURRICULUM

Sr. No.	Topic	Time
1	GENERAL THEORY: 1. Introduction and application of STAAD_PRO 2. Basic (Structure type space, truss, plane, floor) 3. Explanation of job information window 4. Snap node beam, snap node n solid 5. Grid linear, radial, irregular. 6. Open back up manager 7. Labels (node n beam) 8. Translations repeat 9. Add beam, add beam by perpendicular section between mid/ points. 10. Insert node.	3 Hours
2	BASIC COMMANDS: 1. Basic plan 2. Circular repeat, mirror command 3. Select commands 4. Selection modes, selection according to axis, selection by range, by list, all inverse and entity, selection according to specification, missing attributes, view selected objects only. 5. Explanation for all type of supports. 6. Member properties.	3.45 Hour

3	<ol style="list-style-type: none"> 1. Explanation of basic loading. 2. Explanation of basic loadings for RCC building for above plans 3. Performing various checks before analysis Explain STAAD input file (member incidences, joint coordinates) 4. Analysis of modeled building plan. 5. Explanation of global and local coordinates system. 6. Explanation of graphical post processor for verifying analysis results. 7. Explanation of design parameters and performing same. 8. Explanation for member releases and offsets 9. Question and answer regarding RCC & buildings. 	6.45 Hours
4	<ol style="list-style-type: none"> 1. Steel structures. 2. Introduction to structure wizard 3. Modelling of trusses from structure wizard 4. Brief explanation of loading for a truss. 5. Analysis and discussion for the results. 6. Introduction to steel design considering the truss. 7. Towers. 8. Introduction for modelling towers. 9. Brief explanation of loading for a towers. 10. Analysis and discussion for the results. 	6.45 Hours
5	<ol style="list-style-type: none"> 1. Explanation of modelling of plates and plate orientation 2. Typical modelling of a water tank , loading conditions for a water tank 3. Rectangular , square tanks (underground and elevated) 4. Introduction to earthquake analysis 	6.45 Hours

	5. Brief technical understanding of some earthquake related terms	
6	1. Pseudo static Method analysis 2. Response spectrum analysis 3. Report setup importing files various other software 4. Question and answer session	6.45 Hours
Total		32.25 Hours

Dr. S J Modak
Coordinator

Dr. S A Dhale
HOD, CIVIL

Priyadarshini College of Engineering, Nagpur

Department of Mechanical Engineering

Session 2018-19

Ref. No. PCE/ME/PAC/2018-19/

Date: 28/08/2018

Subject: Planning for certificate / add on course "Hands on workshop on Mechanical Components like Compressor, IC Engine & Refrigeration" for the session 2018-19 and design of curriculum for the course.

Following Program Assessment Committee has been constituted regarding the conduction of certifications course in session 2018-19

S. No.	Name of Faculty	Designation	Role
1	Dr.K.S.Zakiuddin	HOD	Chairman
2	Dr.I.A.Khan	Member	Coordinator
3	Prof. S. P. Lokhande	Member	Coordinator
4	Prof. N. R. Pathare	Member	Member

Responsibilities of Program Assessment Committee

Following are responsibilities of Program Assessment Committee:

1. To plan the schedule for the course.
2. To design the curriculum of the course
3. Evaluation of course.


Dr. K. S. Zakiuddin
HOD, Mechanical Engineering
HOD
DEPARTMENT OF MECH. ENGG
P.C.E NAGPUR

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: Program Assessment Committee members for necessary action

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Priyadarshini College of Engineering, Nagpur

Department of Mechanical Engineering

Session 2018-19

Ref. No. PCE/ME/PAC/2018-19/

Date: 16/07/2018

Subject: Planning for certificate / add on course "Four Day workshop on Energy Conservation in Petroleum Industries" for the session 2018-19 and design of curriculum for the course.


Following Program Assessment Committee has been constituted regarding the conduction of certifications course in session 2018-19

S. No.	Name of Faculty	Designation	Role
1	Dr.K.S.Zakiuddin	HOD	Chairman
2	Dr.I.A.Khan	Member	Coordinator
3	Dr. S.N. Waghmare	Member	Coordinator
4	Prof. N. R. Pathare	Member	Member

Responsibilities of Program Assessment Committee

Following are responsibilities of Program Assessment Committee:

1. To plan the schedule for the course.
2. To design the curriculum of the course
3. Evaluation of course.


Dr. K. S. Zakiuddin
HOD, Mechanical Engineering
HOD
DEPARTMENT OF MECH. ENGG
P.C.E NAGPUR

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Priyadarshini College of Engineering, Nagpur
Department Mechanical Engineering Department

Four Day workshop on Energy Conservation in Petroleum Industries

Curriculum
Session 2018-19

Sr. No.	Contets	No of hours
1	Overall view of transport sector.	2 hours
2	Petroleum conservation & maintenance tips for vehicles.	3 hours
3	Vehicular pollution & its impact on health & environment.	3 hours
4	Fuel economy norms for heavy duty vehicles.	3 hours
5	Need for Energy Conservation - Energy Scenario.	3 hours
6	Systems Approach & Energy Audit.	3 hours
7	EC Opportunities in Motors.	3 hours
8	Pumps, Fans & Variable Speed Drives.	3 hours
9	Energy Efficient Lighting Techniques & Technologies.	4 hours
10	EC Opportunities in Refrigeration, Air-conditioning & Compressors.	4 hours
Total		31 hours



Dr. S. N. Waghmare
Cooridnator



Dr. K. S. Zakiuddin
Prof. & Head (ME)
HOD
DEPARTMENT OF MECH. ENGG
P.C.E NAGPUR

Priyadarshini College of Engineering, Nagpur

Department of Electronics Engineering

Session 2018-19

Ref. No. PCE/EN/PAC/2018-19/02

Date: 19/06/2018

**Subject: Planning for the certificate course on "Breadboard Designing & Testing"
for the session 2018-19 and design of curriculum for the course.**

Following Program Assessment Committee has been constituted regarding the
conduction of certifications course in session 2018-19

S. No.	Name of Faculty	Designation	Role
1	Dr.S.S.Shriramwar	HOD	Chairman
2	Ms. S.G.Mungale	Member	Member
3	Mrs.K.M.Bogawar	Member	Coordinator

Responsibilities of Program Assessment Committee

Following are responsibilities of the Program Assessment Committee:

1. To plan the schedule for the course.
2. To design the curriculum of the course
3. Evaluation of course.



Dr.S.S.Shriramwar
HOD, Electronics Engineering

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Priyadarshini College of Engineering , Nagpur
Department of Electrical Engineering
Session 2018-19

Ref. No. PCE/EP/PAC/2018-19/01

Date : 06/12/2018

Subject: Planning for Certificate / Add on Course on “ Substation Design and Maintenance “, for the session 2018-19 and design of curriculum for the course.

Following program assesment committee has been constituted regarding the conduction of certification course in session 2018-19

Sr. No	Name of Faculty	Designation	Role
1	Dr. K.B.Porate	HoD	Chairman
2	Dr.S.P.Muley	Member	Member
3	Dr.R.A.Keswani	Member	Member
4	Mrs. B.S.Dani	Member	Member
5	Mr.H.P.Thakre	Member	Co-ordinator

Responsibilities of program assessment committee.

Following are the responsibilities of program assessment committee:

1. To plan the schedule of the course
2. To design the curriculum of the course
3. Evaluation of the course



Dr. K.B.Porate
HoD, Electronics & Power

H.O.D.
Electrical Engineering
Priyadarshini College of Engineering
Nagpur

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Priyadarshini College of Engineering, Nagpur
Department of Electrical Engineering (E&P)

Workshop on Substation Design and Maintenance.

**Curriculum
Session 2018-19**

Sr. No.	Content	No of hours
1	Introduction to Electrical Installation & Design	2 hours
2	Types of Installation and consumer categories	2 hours
3	Study of Switchgear and Protective Equipments in Substation	2 hours
4	Types of High voltage Circuit breakers	3 hours
5	Different types of Substation	3 hours
6	Automation in Substation.	3 hours
7	Necessity for the automation in Substation	2 hours
8	Study of Different faults in Substation	3 hours
9	Substation Earthing	2 hours
10	Measurement of Earth Resistance and its maintenance.	3 hours
11	Different test and troubleshooting of faults in Substation.	3 hours
12	Role and Responsibilities of Electrical Contractor for Electrical Installation & Design.	4 hours
13	Carrier scope	1 hour
Total		33hours


Mr. H.P. Thakre
Coordinator


Dr. K.B. Porate
HOD, Electrical Engineering (E&P)