



# COER

COLLEGE OF ENGINEERING ROORKEE

METRIC 6.3.4

**Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP) during the last five years**

## IQAC REPORT SUMMARY

- ✚ This document contains IQAC report summary of FDPs attended during last five years



**Self Study Report (SSR)  
Cycle 1, Year: 2020**





# COER

COLLEGE OF ENGINEERING ROORKEE

## INTERNAL QUALITY ASSURANCE CELL

### SUMMARY REPORT (2019-20)

College of Engineering Roorkee has been encouraging its faculty members to update themselves professionally through professional development program or administrative training program. There is endless focus on encouraging positive contributions through talent, knowledge, skills and good work customs of a highly capable individual who may potentially progress as a team member, working effectively in a group, setting and contributing to achievement of group objectives. Further, the organization of various curricular and extra-curricular activities at the Institute provides the opportunity for a competent manager to organize people and resources towards effective and efficient execution of priorities. The review of departmental action plans by Heads of Departments with staff members catalyzes commitment in pursuit of clear and compelling vision that has scope to lead the departments to higher performance levels.

IQAC of College of Engineering Roorkee considers professional development programs to be a critical component for appraising the teachers of how the learning field is shaping and evolving. Several programs organized within the Institute or any other competent authorities are encouraged by the College for updating teachers with the advancements happening in their respective fields of teaching-learning.

In the academic year 2019-20, a total of 129 teaching faculty members have attended the various program. The summary report of the Programme is enclosed below

NK AGGARWAL	FACULTY DEVELOPMENT PROGRAM ON INDUSTRY 4.0	20-07-2020 TO 24-07-2020
NITIN CHAND	FACULTY DEVELOPMENT PROGRAM ON INDUSTRY 4.0	20-07-2020 TO 24-07-2020
ARVIND KUMAR	FACULTY DEVELOPMENT PROGRAM ON INDUSTRY 4.0	20-07-2020 TO 24-07-2020
VISHAL	FACULTY DEVELOPMENT PROGRAM ON INDUSTRY 4.0	20-07-2020 TO 24-07-2020
VARUN PRATAP SINGH	FACULTY DEVELOPMENT PROGRAM ON INDUSTRY 4.0	20-07-2020 TO 24-07-2020

**Self Study Report (SSR)  
Cycle 1, Year: 2020**





# COER

## COLLEGE OF ENGINEERING ROORKEE

G.C. MISHRA	FACULTY DEVELOPMENT PROGRAM ON INDUSTRY 4.0	20-07-2020 TO 24-07-2020
ISHA BHARDWAJ	CYBER SECURITY	13-07-2020 TO 17-07-2020
SHARAD KUMAR SINGH	CYBER SECURITY	13-07-2020 TO 17-07-2020
VINEET KUMAR	CYBER SECURITY	13-07-2020 TO 17-07-2020
HIMANSHU BARTWAL	CYBER SECURITY	13-07-2020 TO 17-07-2020
NEERAJ KUMAR PANDEY	CYBER SECURITY	13-07-2020 TO 17-07-2020
HIMANSHU GUPTA	CYBER SECURITY	13-07-2020 TO 17-07-2020
PRIYABRAT SARKAR	CYBER SECURITY	13-07-2020 TO 17-07-2020
MANEESH PANT	CYBER SECURITY	13-07-2020 TO 17-07-2020
ANURAG AGGARWAL	CYBER SECURITY	13-07-2020 TO 17-07-2020
DIVYA MISHRA	CYBER SECURITY	13-07-2020 TO 17-07-2020
KAMAL KANT VERMA	CYBER SECURITY	13-07-2020 TO 17-07-2020
ISHA BHARDWAJ	PYTHON BASICS	12-07-2020 TO 09-08-2020
ISHA BHARDWAJ	PROGRAM FOR EVERYBODY(GETTING STARTED WITH PYTHON)	20-04-2020 TO 08-06-2020
MR. ARVIND KUMAR	ONLINE FDP ON COMPUTATIONAL TOOLS IN ENGINEERING AND RESEARCH	01-06-2020 TO 06-06-2020
MR. N.K. AGGARWAL	ONLINE FDP ON COMPUTATIONAL TOOLS IN ENGINEERING AND RESEARCH	01-06-2020 TO 06-06-2020
MR. RISHAB YADAV	ONLINE FDP ON COMPUTATIONAL TOOLS IN ENGINEERING AND RESEARCH	01-06-2020 TO 06-06-2020
N.K. AGGARWAL	FDP OM DIGITAL SYSTEM DESIGN	20-01-2020 TO 24-01-2020
MR. RISHAB YADAV	FDP OM DIGITAL SYSTEM DESIGN	20-01-2020 TO 24-01-2020
MR ARVIND KUMAR	FDP OM DIGITAL SYSTEM DESIGN	20-01-2020 TO 24-01-2020
MR. MAYANK	FDP OM DIGITAL SYSTEM DESIGN	20-01-2020 TO

**Self Study Report (SSR)  
Cycle 1, Year: 2020**





# COER

**COLLEGE OF ENGINEERING ROORKEE**

DEV		24-01-2020
MR. SANDEEP KUMAR	FDP OM DIGITAL SYSTEM DESIGN	20-01-2020 TO 24-01-2020
MS. ASHITA VERMANI	FDP OM DIGITAL SYSTEM DESIGN	20-01-2020 TO 24-01-2020
DR. SWATI YADAV	FDP OM DIGITAL SYSTEM DESIGN	20-01-2020 TO 24-01-2020
MR. AKHIL DANGWAL	FDP OM DIGITAL SYSTEM DESIGN	20-01-2020 TO 24-01-2020
DR. GAURAV SAINI	ONLINE FDP ON DIGITAL LEARNING WITH MULTIDISCIPLINARY APPROACH	12-06-2020 TO 17-06-2020
PRIYABRAT KUMAR	CRYPTOGRAPHY FOR INFORMATION SECURITY	20-01-2020 TO 24-01-2020
DIVYA MISHRA	BLOCKCHAIN AND MACHINE LEARNING	29-06-2020 TO 03-07-2020
DIVYA MISHRA	DATA SCIENCE AND AI	25-05-2020 TO 29-05-2020
HIMANSHU BARTWAL	FACULTY DEVELOPMENT PROGRAM ON ARTIFICIAL INTELLIGENCE	22-05-2020 TO 26-05-2020
NEERAJ KUMAR PANDEY	FACULTY DEVELOPMENT PROGRAM ON ARTIFICIAL INTELLIGENCE	22-05-2020 TO 26-05-2020
SWATI ARYA	UNIVERSAL HUMAN VALUES	19-04-2020 TO 23-04-2020
DR. MRIDULA	MATLAB APPLICATIONS IN ENGINEERING AND SCIENCE	27-04-2020 TO 01-05-2020
PRASHANT KUMAR	MATLAB APPLICATIONS IN ENGINEERING AND SCIENCE	27-04-2020 TO 01-05-2020
DR. SWATI YADAV	MATLAB APPLICATIONS IN ENGINEERING AND SCIENCE	27-04-2020 TO 01-05-2020
ISHA BHARDWAJ	MATLAB APPLICATIONS IN ENGINEERING AND SCIENCE	27-04-2020 TO 01-05-2020
DR. MRIDULA	OBE: A STEP TOWARDS EXCELLENCE	11-05-2020 TO 15-05-2020
PRASHANT KUMAR	OBE: A STEP TOWARDS EXCELLENCE	11-05-2020 TO 15-05-2020
DR. MRIDULA	SHORT TERM COURSE ON: OUTCOME BASED CURRICULUM, BY NITTR CHANDIGARH	01-06-2020 TO 05-06-2020
PRASHANT KUMAR	ONLINE TRAINING ON STRUCTURAL DESIGNING FOR CIVIL ENGINEERING STUDENTS V8I   EN	23-04-2020 TO 13-05-2020
REENA RANA	ONLINE FDP ON UNIVERSAL HUMAN VALUES	19-04-2020 TO 23-04-2020

**Self Study Report (SSR)  
Cycle 1, Year: 2020**





# COER

## COLLEGE OF ENGINEERING ROORKEE

DR. PRABHAT KUMAR	ONLINE FDP ON UNIVERSAL HUMAN VALUES	19-04-2020 TO 23-04-2020
REENA RANA	ADVANCES IN TECHNOLOGY & MANAGEMENT FOR CIVIL ENGINEERING (ATMCE)	23-06-2020 TO 03-07-2020
ANSHU ARYA	ONLINE TRAINING ON STRUCTURAL DESIGNING FOR CIVIL ENGINEERING STUDENTS V8I   EN	23-04-2020 TO 13-05-2020
ANSHU ARYA	ADVANCES IN TECHNOLOGY & MANAGEMENT FOR CIVIL ENGINEERING (ATMCE)	23-06-2020 TO 03-07-2020
RAVI TIWARI	ADVANCES IN TECHNOLOGY & MANAGEMENT FOR CIVIL ENGINEERING (ATMCE)	23-06-2020 TO 03-07-2020
PALLAVI CHAURASIA	SMART SUSTAINABLE CITIES	25-05-2020 TO 29-05-2020
PALLAVI CHAURASIA	ADVANCES IN TECHNOLOGY & MANAGEMENT FOR CIVIL ENGINEERING (ATMCE)	23-06-2020 TO 03-07-2020
MRS. ANURADHA	RESEARCH ORIENTED PROJECT WORK	11-05-2020 TO 15-05-2020
MRS. ANURADHA	PROGRAMMING USING MATLAB	08-06-2020 TO 12-06-2020
MRS. ANURADHA	ENERGY CONSERVATION AND MANAGEMENT	27-04-2020 TO 01-05-2020
DR. ADESH KUMAR ARYA	TEACHING AND LEARNING FOR ACCEREDIATION IN TECHNICAL EDUCATION	27-04-2020 TO 01-05-2020
DR. ADESH KUMAR ARYA	INTEGRATION OF RENEWABLE ENERGY SYSTEMS- RESEARCH TOOLS / INDUSTRIAL PERSPECTIVE	18-05-2020 TO 22-05-2020
MR. AMIT KUMAR	POWER ELECTRONICS APPLICATION IN SMART GRID - RECENT ADVANCES	16-06-2020 TO 20-06-2020
MR. AMIT KUMAR	ELECTRIC POWER GRID MODERNIZATION TRENDS, CHALLENGES AND OPPORTUNITIES	09-06-2020 TO 13-06-2020
MR. NITIN CHAND	RESEARCH OPPORTUNITIES IN ELECTRICAL ENGINEERING	01-06-2020 TO 05-06-2020
MR. NITIN CHAND	POWER ELECTRONICS APPLICATION IN SMART GRID - RECENT ADVANCES	16-06-2020 TO 20-06-2020
MR. ABHISHEK VERMA	MODERN TRENDS IN ELECTRICAL DRIVES (MTED)	19-05-2020 TO 23-05-2020
MR. ABHISHEK VERMA	ELECTRIC POWER GRID MODERNIZATION TRENDS, CHALLENGES AND OPPORTUNITIES	09-06-2020 TO 13-06-2020
MR. ABHISHEK VERMA	POWER ELECTRONICS APPLICATION IN SMART GRID - RECENT ADVANCES	16-06-2020 TO 20-06-2020
MR. ABHISHEK VERMA	RESEARCH OPPORTUNITIES IN ELECTRICAL ENGINEERING	01-06-2020 TO 05-06-2020
MR. ABHISHEK	RESEARCH OPPORTUNITIES IN POWER ELECTRONICS	26-06-2020 TO

**Self Study Report (SSR)  
Cycle 1, Year: 2020**









# COER

## COLLEGE OF ENGINEERING ROORKEE

SANDEEP KUMAR SINGH	NPTEL ONLINE CERTIFICATION: ELECTRIC VEHICLE PART 1	FEB-2020 TO MAR-2020
AMIT KUMAR	NPTEL ONLINE CERTIFICATION: INTRODUCTION TO INTERNET OF THINGS	JAN-2020 TO APRIL-2020
NITIN CHAND	NPTEL ONLINE CERTIFICATION: POWER SYSTEM ENGINEERING	JAN-2020 TO APRIL-2020
DIVYA MISHRA	NPTEL ONLINE CERTIFICATION: INTRODUCTION TO MACHINE LEARNING	JAN-2020 TO APRIL-2020
PRIYABARAT KUMAR	NPTEL ONLINE CERTIFICATION: COMPUTER NETWORKS AND INTERNET PROTOCOL	JAN-2020 TO APRIL-2020
NILIMA PATEL	NPTEL ONLINE CERTIFICATION: MACHINE LEARNING	JAN-2020 TO APRIL-2020
NILIMA PATEL	NPTEL ONLINE CERTIFICATION: COMPUTER ARCHITECTURE	JAN-2020 TO APRIL-2020
SHARAD KUMAR SINGH	NPTEL ONLINE CERTIFICATION: INTRODUCTION TO INTERNET OF THINGS	JAN-2020 TO APRIL-2020
SHARAD KUMAR SINGH	NPTEL ONLINE CERTIFICATION: INTRODUCTION TO RESEARCH	FEB-2020 TO APRIL-2020
HIMANSHU GUPTA	NPTEL ONLINE CERTIFICATION: THE JOY OF COMPUTING USING PYTHON	JAN-2020 TO APRIL-2020
ISHA BHARDWAJ	NPTEL ONLINE CERTIFICATION: THE JOY OF COMPUTING USING PYTHON	JAN-2020 TO APRIL-2020
SWATI ARYA	NPTEL ONLINE CERTIFICATION: DATA ANALYTICS USING PYTHON	JAN-2020 TO APRIL-2020
NITESH DUTT	NPTEL ONLINE CERTIFICATION: INTRODUCTION TO RESEARCH	FEB-2020 TO APRIL-2020
VARUN PRATAP SINGH	NPTEL ONLINE CERTIFICATION: INTRODUCTION TO RESEARCH	FEB-2020 TO APRIL-2020
VARUN PRATAP SINGH	NPTEL ONLINE CERTIFICATION: PATENT DRAFTING FOR ENGINEERS	JAN-2020 TO FEB-2020
VARUN PRATAP SINGH	NPTEL ONLINE CERTIFICATION: POWER PLANT ENGINEERING	JAN-2020 TO MAR-2020
ANKIT KUMAR SINGHAL	NPTEL ONLINE CERTIFICATION: INTRODUCTION TO RESEARCH	FEB-2020 TO APRIL-2020
RAVI PRAKASH	NPTEL ONLINE CERTIFICATION: LAW OF THERMODYNAMICS	JAN-2020 TO FEB-2020
SIDDHARTH JAIN	NPTEL ONLINE CERTIFICATION: INTRODUCTION TO RESEARCH	FEB-2020 TO APRIL-2020
RAVI PRAKASH	NPTEL ONLINE CERTIFICATION: KINEMATICS OF MECHANICS AND MACHINES	JAN-2020 TO MAR-2020
DR. GUNJAN	NPTEL ONLINE CERTIFICATION: INTRODUCTION TO	FEB-2020 TO

**Self Study Report (SSR)  
Cycle 1, Year: 2020**





# COER

## COLLEGE OF ENGINEERING ROORKEE

AGGARWAL	RESEARCH	APRIL-2020
ANKIT KUMAR SINGHAL	NPTEL ONLINE CERTIFICATION: INTRODUCTION TO OPERATIONS RESEARCH	FEB-2020 TO APRIL-2020
VIRENDRA KUMAR	NPTEL ONLINE CERTIFICATION: PROCESSING OF POLYMERS AND POLYMER COMPOSITES	JAN-2020 TO MAR-2020
DR. MRIDULA SINGH	NPTEL ONLINE CERTIFICATION: INTRODUCTION TO GIS	JAN-2020 TO FEB-2020
AKHIL DANGWAL	NPTEL ONLINE CERTIFICATION: DIGITAL ELECTRONIC CIRCUITS	JAN-2020 TO APRIL-2020
BHAGWAN DAS PATEL	NPTEL ONLINE CERTIFICATION: MANUFACTURING AUTOMATION	JULY-2019 TO AUG-2019
BHAGWAN DAS PATEL	NPTEL ONLINE CERTIFICATION: DIGITAL IMAGE PROCESSING	JULY-2019 TO OCT-2019
BHAGWAN DAS PATEL	NPTEL ONLINE CERTIFICATION: MACHINE LEARNING	FEB-2020 TO APRIL-2020
BHAGWAN DAS PATEL	NPTEL ONLINE CERTIFICATION: MEDICAL IMAGE PROCESSING	FEB-2020 TO MAR-2020
DR. KAMAL KAPOOR	NPTEL ONLINE CERTIFICATION: MEDICAL IMAGE PROCESSING	JAN-2020 TO MAR-2020
HIMANSHU BARTWAL	COMPUTER VISION	19-11-2019 TO 23-11-2019
MR. VARUN PRATAP SINGH	FDP ON ADVANCE INDUSTRIAL AUTOMATION TECHNOLOGIES	8-07-2019 TO 13-07-2019
MR. ARVIND KUMAR	FDP ON ADVANCE INDUSTRIAL AUTOMATION TECHNOLOGIES	8-07-2019 TO 13-07-2019
MR. MAYANK DEV	FDP ON ADVANCE INDUSTRIAL AUTOMATION TECHNOLOGIES	8-07-2019 TO 13-07-2019
MR. B.D. PATEL	FDP ON ADVANCE INDUSTRIAL AUTOMATION TECHNOLOGIES	8-07-2019 TO 13-07-2019
MS. ASHITA VERMANI	FDP ON ADVANCE INDUSTRIAL AUTOMATION TECHNOLOGIES	8-07-2019 TO 13-07-2019
MR. N.K. AGGARWAL	FDP ON ADVANCE INDUSTRIAL AUTOMATION TECHNOLOGIES	8-07-2019 TO 13-07-2019
MR. MAYANK DEV	FDP ON ROBOTICS AND CONTROL	1-07-2019 TO 5-07-2019
PRASHANT KUMAR	SMART CITIES & INFRASTRUCTURE DEVELOPMENT , TEQIP III	17-06-2019 TO 22-06-2019

**Self Study Report (SSR)  
Cycle 1, Year: 2020**







# COER

COLLEGE OF ENGINEERING ROORKEE

## INTERNAL QUALITY CELL ASSURANCE

### SUMMARY REPORT (2018-19)

College of Engineering Roorkee has been encouraging its faculty members to update themselves professionally through professional development program or administrative training program. There is endless focus on encouraging positive contributions through talent, knowledge, skills and good work customs of a highly capable individual who may potentially progress as a team member, working effectively in a group, setting and contributing to achievement of group objectives. Further, the organization of various curricular and extra-curricular activities at the Institute provides the opportunity for a competent manager to organize people and resources towards effective and efficient execution of priorities. The review of departmental action plans by Heads of Departments with staff members catalyzes commitment in pursuit of clear and compelling vision that has scope to lead the departments to higher performance levels.

IQAC of College of Engineering Roorkee considers professional development programs to be a critical component for appraising the teachers of how the learning field is shaping and evolving. Several programs organized within the Institute or any other competent authorities are encouraged by the College for updating teachers with the advancements happening in their respective fields of teaching-learning.

In the academic year 2018-19, a total of 40 teaching faculty members have attended the various program. The summary report of the Programme is enclosed below

**Self Study Report (SSR)  
Cycle 1, Year: 2020**





# COER

COLLEGE OF ENGINEERING ROORKEE

VAIBHAV AGARWAL	SUMMER FACULTY RESEARCH FELLOW PROGRAMME (SFRF) UNDER CONTINUING EDUCATION PROGRAM	15-05-2019-12-07-2019
N.K. AGGARWAL	FDP ON SYSTEM DESIGNING WITH SMART COMTROLLER	27-05-2019 TO 31-05-2019
MR ARVIND KUMAR	FDP ON SYSTEM DESIGNING WITH SMART COMTROLLER	27-05-2019 TO 31-05-2019
MR. MAYANK DEV	FDP ON SYSTEM DESIGNING WITH SMART COMTROLLER	27-05-2019 TO 31-05-2019
MR. SANDEEP KUMAR	FDP ON SYSTEM DESIGNING WITH SMART COMTROLLER	27-05-2019 TO 31-05-2019
MR. B.D. PATEL	FDP ON SYSTEM DESIGNING WITH SMART COMTROLLER	27-05-2019 TO 31-05-2019
MS. ASHITA VERMANI	FDP ON SYSTEM DESIGNING WITH SMART COMTROLLER	27-05-2019 TO 31-05-2019
DR. SWATI YADAV	FDP ON SYSTEM DESIGNING WITH SMART COMTROLLER	27-05-2019 TO 31-05-2019
MR. RISHAB YADAV	FDP ON SYSTEM DESIGNING WITH SMART COMTROLLER	27-05-2019 TO 31-05-2019
MR. B.D. PATEL	FDP ON SYSTEM DESIGNING WITH SMART COMTROLLER	27-05-2019 TO 31-05-2019
MR. ARVIND KUMAR	ONLINE FDP ON RESEARCH TRENDS IN VLSI DESIGN	25-05-2019 TO 29-05-2019
MR. N.K. AGGARWAL	ONLINE FDP ON RESEARCH TRENDS IN VLSI DESIGN	25-05-2019 TO 29-05-2019
MR. N.K. AGGARWAL	ADVANCED INDUSTRIAL AUTOMATION	05-03-2019 TO 09-03-2019
MR. B.D. PATEL	ADVANCED INDUSTRIAL AUTOMATION	05-03-2019 TO 09-03-2019
MR AKHIL DANGWAL	ADVANCED INDUSTRIAL AUTOMATION	05-03-2019 TO 09-03-2019
MR. RAJESH KUMAR	ADVANCED INDUSTRIAL AUTOMATION	05-03-2019 TO 09-03-2019
MS. ANURADHA	ADVANCED INDUSTRIAL AUTOMATION	05-03-2019 TO 09-03-2019
VARUN PRATAP SINGH	ADVANCED INDUSTRIAL AUTOMATION	05-03-2019 TO 09-03-2019
MR. RISHAB YADAV	FDP ON OPTICAL AND MICROWAVE REMOTE SENSING TECHNIQUES AND ITS APPLICATION	24-12-2018 TO 28-12-2018

**Self Study Report (SSR)**  
**Cycle 1, Year: 2020**





# COER

## COLLEGE OF ENGINEERING ROORKEE

MR. MAYANK DEV	FDP ON OPTICAL AND MICROWAVE REMOTE SENSING TECHNIQUES AND ITS APPLICATION	24-12-2018 TO 28-12-2018
MANEESH PANT	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	17-12-2018 TO 21-12-2018
MR. ANURAG AGARWAL	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	17-12-2018 TO 21-12-2018
MRS. SUPRIYA	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	17-12-2018 TO 21-12-2018
MRS. SUPRIYA	IMAGING APPLICATION THROUGH MATLAB	09-10-2018 TO 13-10-2018
MR. MAYANK DEV	FDP ON HIGH PERFORMANCE COMPUTING AND DEEP LEARNING	21-10-2018 TO 25-10-2018
ASHISH MISHRA	APPLICATIONS AND CHALLENGES IN MULTICHANNEL MEGAWATT POWER ELECTRONICS SYSTEMS	16-07-2018 TO 20-07-2018
MRS. ANURADHA	DESIGN OF PHOTOVOLTAIC SYSTEMS	02-07-2018 TO 08-10-2018
DR. ADESH KUMAR ARYA	HIGH VOLTAGE ENGINEERING: GENERATION, MEASUREMENT AND ITS APPLICATIONS	16-07-2018 TO 20-07-2018
N.K. AGGARWAL	FDP ON SELF CONFIGURED WIRELESS NETWORKING SYSTEM	30-07-2018 TO 03-08-2018
MR ARVIND KUMAR	FDP ON SELF CONFIGURED WIRELESS NETWORKING SYSTEM	30-07-2018 TO 03-08-2018
MR. MAYANK DEV	FDP ON SELF CONFIGURED WIRELESS NETWORKING SYSTEM	30-07-2018 TO 03-08-2018
MR. SANDEEP KUMAR	FDP ON SELF CONFIGURED WIRELESS NETWORKING SYSTEM	30-07-2018 TO 03-08-2018
MR. ANSHUMAN PRAKASH	FDP ON SELF CONFIGURED WIRELESS NETWORKING SYSTEM	30-07-2018 TO 03-08-2018
MS. ASHITA VERMANI	FDP ON SELF CONFIGURED WIRELESS NETWORKING SYSTEM	30-07-2018 TO 03-08-2018
MR. B.D. PATEL	FDP ON SELF CONFIGURED WIRELESS NETWORKING SYSTEM	30-07-2018 TO 03-08-2018
RISHABH YADAV	FDP ON INNOVATION THROUGH RESEARCH AND INNOVATIVE TECHNOLOGIES	09-07-2018 TO 13-07-2018
MR. ARVIND KUMAR	FDP ON INNOVATION THROUGH RESEARCH AND INNOVATIVE TECHNOLOGIES	09-07-2018 TO 13-07-2018
ARUNA TOMAR	IMPORTANCE OF STUDENT INDUCTION PROGRAM IN 21ST PROGRAM	24-07-2018 TO 28-07-2018
VAIBHAV AGARWAL	INDUSTRIAL SHORT TERM TRAINING PROGRAM ON FUTURISTIC TECHNOLOGY IN POWER SYSTEM	10-12-2018 TO 14-12-2018

**Self Study Report (SSR)**  
**Cycle 1, Year: 2020**





# COER

COLLEGE OF ENGINEERING ROORKEE

## INTERNAL QUALITY CELL ASSURANCE

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In the academic year 2017-18, only one faculty members have attended the program. The summary report of the Programme is enclosed below

Shashank Yadav	Recent advances in fracture and fatigue	10-07-2017 to 14-07-2017
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**Self Study Report (SSR)  
Cycle 1, Year: 2020**





# COER

COLLEGE OF ENGINEERING ROORKEE

## INTERNAL QUALITY CELL ASSURANCE

### SUMMARY REPORT (2016-17)

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In the academic year 2016-17, 23 faculty members have attended various program. The summary report of the Programme is enclosed below

**Self Study Report (SSR)  
Cycle 1, Year: 2020**







# COER

COLLEGE OF ENGINEERING ROORKEE

MRS. ANURADHA	RESEARCH METHODOLOGY	12-06-2017 TO 17-06-2017
SHASHANK YADAV	STRUCTURAL ELEMENTS SUBJECTED TO EXTREME LOADING	20-03-2017 TO 24-03-2017
MR. MAYANK DEV	FDP ON APPLICATION DEVELOPMENT FOR CLOUD DEPLOYMENT	03-01-2017 TO 7-01-2017
MS. HARSHITA	FDP ON APPLICATION DEVELOPMENT FOR CLOUD DEPLOYMENT	03-01-2017 TO 7-01-2017
MR. RISHAB YADAV	FDP ON APPLICATION DEVELOPMENT FOR CLOUD DEPLOYMENT	03-01-2017 TO 7-01-2017
MS. SAGRIKA DAS	FDP ON APPLICATION DEVELOPMENT FOR CLOUD DEPLOYMENT	03-01-2017 TO 7-01-2017
MS. SANDHYA SUMAN	FDP ON APPLICATION DEVELOPMENT FOR CLOUD DEPLOYMENT	03-01-2017 TO 7-01-2017
MS. PRIYANKA	FDP ON APPLICATION DEVELOPMENT FOR CLOUD DEPLOYMENT	03-01-2017 TO 7-01-2017
MR. AKHIL DANGWAL	FDP ON APPLICATION DEVELOPMENT FOR CLOUD DEPLOYMENT	03-01-2017 TO 7-01-2017
MR. SOHAN LAL	FDP ON APPLICATION DEVELOPMENT FOR CLOUD DEPLOYMENT	03-01-2017 TO 7-01-2017
MS. DIVYA MISHRA	FDP ON APPLICATION DEVELOPMENT FOR CLOUD DEPLOYMENT	03-01-2017 TO 7-01-2017
MR. VINEET KUMAR	FDP ON APPLICATION DEVELOPMENT FOR CLOUD DEPLOYMENT	03-01-2017 TO 7-01-2017
MR. MANEESH PANT	FDP ON APPLICATION DEVELOPMENT FOR CLOUD DEPLOYMENT	03-01-2017 TO 7-01-2017
MS. NILIMA PATEL	FDP ON BIG DATA ANALYTICS	09-01-2017 TO 13-01-2017
MS. SUPRIYA	FDP ON BIG DATA ANALYTICS	09-01-2017 TO 13-01-2017
MR. BHUPAL ARYA	FDP ON BIG DATA ANALYTICS	09-01-2017 TO 13-01-2017
DR SUMMIYA PARVEEN	RECENT ADVANCES ON NUMERICAL METHOD FOR SOLVING ENGINEERING PROBLEMS	13-02-2017 TO 24-02-2017
MS. ASHITA VIRMANI	FDP ON LEARNING BUSINESS INTELLIGENCE USING IBM COGNOS BI	16-01-2017 TO 20-01-2017
MS. BHARTI PAPNI	OPTIMIZATION & SIMULATION MODELLING IN POWER SYSTEM ENGINEERING	12-07-2016 TO 16-07-2016

**Self Study Report (SSR)  
Cycle 1, Year: 2020**





# COER

## COLLEGE OF ENGINEERING ROORKEE

MR. AMIT KUMAR	OPTIMIZATION & SIMULATION MODELLING IN POWER SYSTEM ENGINEERING	12-07-2016 TO 16-07-2016
MR. NITIN CHAND	OPTIMIZATION & SIMULATION MODELLING IN POWER SYSTEM ENGINEERING	12-07-2016 TO 16-07-2016
MR. ABHISHEK VERMA	OPTIMIZATION & SIMULATION MODELLING IN POWER SYSTEM ENGINEERING	12-07-2016 TO 16-07-2016
MR. MAYANK DEV	FDP ON MODELING AND CONTROL OF ROBOTICS	11-07-2016 TO 15-07-2016

**Self Study Report (SSR)  
Cycle 1, Year: 2020**





# COER

COLLEGE OF ENGINEERING ROORKEE

## INTERNAL QUALITY CELL ASSURANCE

### SUMMARY REPORT (2015-16)

College of Engineering Roorkee has been encouraging its faculty members to update themselves professionally through professional development program or administrative training program. There is endless focus on encouraging positive contributions through talent, knowledge, skills and good work customs of a highly capable individual who may potentially progress as a team member, working effectively in a group, setting and contributing to achievement of group objectives. Further, the organization of various curricular and extra-curricular activities at the Institute provides the opportunity for a competent manager to organize people and resources towards effective and efficient execution of priorities. The review of departmental action plans by Heads of Departments with staff members catalyzes commitment in pursuit of clear and compelling vision that has scope to lead the departments to higher performance levels.

IQAC of College of Engineering Roorkee considers professional development programs to be a critical component for appraising the teachers of how the learning field is shaping and evolving. Several programs organized within the Institute or any other competent authorities are encouraged by the College for updating teachers with the advancements happening in their respective fields of teaching-learning.

In the academic year 2015-16, 5 faculty members have attended various programs. The summary report of the Programme is enclosed below

MR. AMIT KUMAR	PROTECTION AND MONITORING IN POWER SYSTEM NETWORK IN SMART GRID/MICRO GRID ENVIRONMENT	27-06-2016 TO 01-07-2016
DR. ADESH KUMAR ARYA	HANDS ON: MATHEMATICAL MODELLING AND SOFTWARE SIMULATION FOR POWER SYSTEM ENGINEERING	06-06-2016 TO 15-06-2016
DR. ADESH KUMAR ARYA	ECONOMIC OPERATION OF POWER SYSTEMS WITH MATLAB AND GAMS	06-07-2015 TO 10-07-2015
DR SUMMIYA PARVEEN	DYNAMICAL SYSTEMS & CONTROL	29-06-2015 TO 03-07-2015
SUPRIYA SHUKLA	FUZZY SETS, FUZZY LOGIC AND ITS APPLICATION IN BIG DATA	12-04-2016 TO 16-04-2016

**Self Study Report (SSR)  
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