### **Minutes Electrical Department Faculty Meeting**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Meeting attended by:** | | | **ADMINISTRATOR : Mr. CP Jain**  **COORDINATOR :** CP Jain  **FACULTY :** Rajkumar Soni, Lalita Vaishnav  **STUDENTS :** | | | | | |
|  | | | None | | | | | |
| **Date:** | | | June 17, 2020 | | | | | |
| **Time:** | | | 10:30 am-11:30am | | | | | |
| **Agenda Topic#1: Subject distribution for the academic year of 2020-21(July-Dec)** | | | | | | | | **Deadlines** |
| **Note:** Based on faculties’ interest and their expertise, subjects and labs have been assigned to all faculties. | | | | | | | |  |
| **Action Items:** | | | | | | | |  |
|  | **III Sem** | | | **V Sem (EE & EEE)** | | **VII Sem (EE & EEE)** |  |
|  | NT (ECE): Lalita Vaishnav | | | PS-I: Rajkumar Soni | | Power Quality and FACTS (EE) |
|  |  | | | EM: Payal Paliwal | | OR |
|  |  | | | CS: CP Jain | | Wind and Solar Energy Systems |
|  |  | | | EMD (EE): Lalita Vaishnav | | Open Elective |
|  |  | | | MP(EE): Vivek Jain | |  |
|  |  | | | EMW (EE): Payal Paliwal | |  |
|  |  | | | AC: Payal Paliwal | |  |
|  |  | | | Elective Subject:  EMW (EE): Payal Paliwal  VLSI (EEE): Yogendra Singh | |  |  |  |
| **Agenda Topic#2: Elective Subject Choices** | | | | | | | |  |
| **Note:** V Sem & VII Sem Students are asked to submit their choices | | | | | | | | June 24,2020 |
|  | **V Sem (EE & EEE)** | | | | **VII Sem (EE & EEE)** | |  |
|  | Digital Control System (EE) | Have to choose any one of them (EE & EEE) | | | Sustainable Engineering (EE & EEE) | Have to choose any one of them |
|  | Restructured Power System(EE) | Environmental Engineering and Disaster Management |
|  | Electromagnetic Wave(EE) | Human Engineering and Safety |
|  | Biomedical Instrumentation (EEE) | Open Elective- I | Students can choose any 1 subject out of  24 subjects |
|  | Principle of communication System (EEE) |  |  |
|  | Introduction to VLSI (EEE) |  |  |
| **Action Items:** List of elective subjects has shared with the students via Email & WhatsApp group. Google spreadsheets have been created to take their responses. | | | | | | | |  |
| **Agenda Topic#3: Time Table** | | | | | | | |  |
| **Note:** Coordinator is asked to prepare time tables. | | | | | | | | June 25,2020 |
| **Action Items:** Classes must commences from June 26, 2020 | | | | | | | |  |
| **Agenda Topic#4: Course File & Lab Files** | | | | | | | |  |
| **Note:** Faculties are asked to prepare course and lab files | | | | | | | | June 25,2020 |
| **Action Item:** Faculties are asked to get ready their course files which includes following   * Syllabus * Past 3 to 4 year’s RTU papers and their solutions * Lecture plan * Class deliveries (notes etc.) * Assignments * Mid semester exam paper (after exam is over) and solutions with marking scheme * Sample of best student answer book (photocopy) | | | | | | | |  |

|  |  |
| --- | --- |
| * Copy of results of mid semester exams * Schedule and details of remedial and make up classes held for weaker students * Details of efforts to enhance practical knowledge of students beyond RTU syllabus which is important from industry and job point of view. * Any other relevant material * Analysis of course and comments/suggestions for improvement of course content/delivery.   **Lab File:**   * Syllabus * Copies of Lab Manual * Notes regarding theoretical concepts involved for * conducting the lab * 20-30 Viva questions of each experiment * The viva questions should test the students on * Importance of experiments * Details of equipment * Important points in procedure * Important point in observation and analysis * Practical importance of results obtained from the experiments * Practical score sheet |  |
| **Agenda Topic#5: Additional Competencies:** |  |
| **Additional Competencies- PLC, SCADA** |  |
| **Note:** To fulfill the industrial need and expectancy from an Electrical Engineering student to strengthen his knowledge in industrial automation using PLC and SCADA skills, PLC becomes an essential tool to introduce in the beginning of their engineering journey. |  |
| **Action Item:** PLC has introduced at the beginning of  Engineering journey and included in time table of III Sem & IV Sem students. |  |
| **Additional Competencies- MATLAB** |  |
| **Note:** To fulfill the industrial need and expectancy from a Electrical Engineering student to strengthen his knowledge in developing Power System/ Power Electronics/ Solar based simulations using Simulink and software skills, MATLAB becomes an essential tool to introduce in the beginning of their engineering journey. |  |
| **Action Item:** MATLAB has introduced at the beginning of  Engineering journey and included in time table of I Sem & II Sem students. |  |
| **Additional Competencies- PSCAD** |  |
| **Note:** Mutually agreed to start PSCAD classes for V Sem students to give them exposures on Power System Modeling and Simulation. |  |
| **Additional Competencies- Quantitative Aptitude & Verbal Ability** |  |
| **Note:** To enhance communications skills and aptitude skills, the classes for QA & VA has proposed via e-learning platform. |  |
| **Action Item:** Lalita Vaishnav and Hitkaran Singh, will start the classes along with regular time table. |  |

**Meeting Closed:** 11:45am.

### **Minutes Electrical Department Faculty Meeting**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Meeting attended by:** | | | **ADMINISTRATOR : Mr. CP Jain**  **COORDINATOR :** CP Jain  **FACULTY :** Rajkumar Soni, Lalita Vaishnav, Abrar Ahemad  **STUDENTS :** | | | | |
| **Absent:** | | | None | | | | |
| **Date:** | | | April 15, 2020 | | | | |
| **Time:** | | | 11:00 am-12:00pm | | | | |
| **Agenda Topic#1: Syllabus Completion Status of for IV, VI & VIII Semesters** | | | | | | **Deadlines** | |
| **Note:** Faculties have submitted their course files along with course completion status as per following table- | | | | | |  | |
| **Action Items: IV Sem**  **SN Name of Subject Name of Faculty Course status Remarks**   1. EMI Lalita Vaishnav 4.5 units completed Requires 10 lectures 2. EM-I Lalita Vaishnav 4 units completed Requires 12 lectures 3. PE Abrar Ahmed 3.5 units completed Requires 18 lectures 4. Biology Yasmin Ali 4.5 units completed Requires 10 lectures 5. ME&FA Shambhu Choubisa 4 units completed Requires 12 lectures 6. S&S Payal Paliwal 4 units completed Requires 5 lectures 7. EM-II LAB Lalita Vaishnav 6 practicals completed Requires 4 Lab session 8. PE Lab Rajkumar Soni 5 practicals completed Requires 5 Lab session 9. DE LAB Yogendra Singh 4 practicals completed Requires 6 Lab session   **VI Sem**  **SN Name of Subject Name of Faculty Course status Remarks**   1. PS-II Rajkumar Soni 4 units completed Requires 6 lectures 2. PSP Rajkumar Soni 4.5 units completed Requires 4 lectures 3. ED Abrar Ahmad 4 units completed Requires 10 lectures 4. PSP CP Jain 3.5 units completed Requires 12 lectures 5. CA Gaurav Kumawat 4 units completed Requires 5 lectures 6. SGT CP Jain 3.5 units completed Requires 15 lectures 7. PS-II LAB Rajkumar Soni 5 Practicals completed Requires 5 Lab session 8. ED Lab Abrar Ahmad 4 Practicals completed Requires 6 Lab session 9. PSP Lab Rajkumar Soni 4 Practicals completed Requires 6 Lab session   **VIII Sem** | | | | | | | |
|  | **SN** | **Name of Subject** | | **Name of Faculty** | **Course status** | **Remarks** |  |
| **1** | EHV AC/DC | | Rajkumar Soni | 4 unit complete | Required 10 lectures |
| **2** | EDTC | | Abrar Ahmad | complete | NIL |
| **3** | PPS | | Rajkumar Soni | complete | NIL |
| **4** | UEP | | CP Jain | 4.5 unit complete | Required 4 lectures |
| **5** | CBPS LAB | | Rajkumar Soni | 7 Practical complete | Required 3 Lab |
| **6** | EDTC LAB | | Rajkumar Soni | 8 Practical complete | Required 2 Lab |
| **7** | HVE LAB | | CP Jain | Lab Complete | NIL |
| **Agenda Topic#2: Additional Competencies: GATE Exam prep** | | | | | |  | |
| **Note:** To increase the technical core competencies among the students, discussions being made to start technical classes of GATE exam standards and prepare selected students for GATE Exam. Which also  helps them to crack core technical placement papers, various UPSC and RPSC exam preparation etc. | | | | | |  | |
| **Action Items:** | | | | | |  | |

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| --- | --- | --- | --- | --- | --- |
|  | Power System | | Rajkumar Soni |  |  |
|  | Power Electronics | | Abrar Ahmad |
|  | Thermal Engineering | | Himanshu Pandya |
|  | Control System | | CP Jain |
|  | Electrical Machine | | Lalita Vaishnav |
| **Agenda Topic#3: Remedial Classes for Weaker & backlog**  **appearing students** | | | | |  |
| **Note:** Following weaker students have been identified based on their attendance and midterm performance. Also, backlog appearing students have been identified, remedial classes will be scheduled. | | | | |  |
|  | 1. Deependra Singh Chouhan 2. Prashant Paliwal 3. Vaibhav Gurjar 4. Suraj Upadhyay 5. Sanjeev Singh 6. Jitender Kumar 7. Jitender Kumar | 4th year students | |  |
|  | 1. Devi lal Meghwa 2. Sachin Yadav 3. Shakti S Chouhan | 3rd year students | |
|  | 1. Nimesh Megwal 2. Shaurya Singh 3. Jinendra Vaishnav | 2nd year students | |
| **Action Items:** Faculties are instructed to teach them important concepts and get these students ready for university examinations by solving previous years question papers at least. Remedial classes schedule will be prepared and displayed shortly. | | | | |  |
| **Agenda Topic#5: Summer Training**  We have identified following areas, where students can foster their knowledge and get them ready for Industrial exposure and upcoming placement opportunities.   1. PSCAD training 2. MATLAB 3. Panel wiring 4. PLC Projects 5. Quantitate Aptitude & Verbal Ability | | | | |  |
| **Action Item:** Summer Training Program will be launched, once university exams gets over, meanwhile concern faculties can develop and prepare the contents of training program accordingly. | | | | |  |

**Meeting Closed:** 11:25am.

### **Minutes Electrical Department Faculty Meeting**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Meeting attended by:** | | **ADMINISTRATOR : Mr. CP Jain**  **COORDINATOR :** CP Jain  **FACULTY :** Rajkumar Soni, Lalita Vaishnav  **STUDENTS :** | | | | | | |
| **Absent:** | | None | | | | | | |
| **Date:** | | Dec 23, 2019 | | | | | | |
| **Time:** | | 01:30 pm-02:30pm | | | | | | |
| **Agenda Topic#1: Subject distribution for the academic year of 2019-20(Jan-Jun)** | | | | | | | **Deadlines** | |
| **Note:** Based on faculties’ interest and their expertise, subjects and labs have been assigned to all faculties. | | | | | | |  | |
| **Action Items:** | | | | | | | | |
|  | **IV Sem** | | | **VI Sem** | | **VIII Sem** | |  |
|  | EMI: Lalita Vaishnav | | | PS-II: Rajkumar Soni (EE&EEE) | | EHV AC/DC: Rajkumar Soni | |
|  | EM-I: Lalita Vaishnav | | | PSP: Rajkumar Soni (EE&EEE) | | EDTC: Abrar Ahmad | |
|  | PE: Abrar Ahemad | | | ED: Abrar Ahemad | | PPS: Rajkumar Soni | |
|  | Biology: Yasmin Ali | | | PSP: CP Jain | | UEP: Rajkumar Soni | |
|  | ME&FA: Shambhu Chobisa | | | CA: Gaurav Kumawat | |  | |
|  | S&S: Payal Paliwal | | | SGT: CP Jain | |  | |
|  |  | | |  | |  | |
| **Agenda Topic#2: Elective Subject Choices** | | | | | | |  | |
| **Note:** VI Sem Students are asked to submit their Elective choice | | | | | | | Jan 2,2020 | |
|  | **VI Sem** | | | |  | |
|  | PSP | | Choose any of one them | |
|  | DSP | |
|  | E&HV | |
| **Action Items:** List of elective subjects has shared with the students via Email & WhatsApp group. Google spreadsheets have been created to take their responses. | | | | | | |  | |
| **Agenda Topic#3: Time Table** | | | | | | |  | |
| **Note:** Coordinator is asked to prepare time tables. | | | | | | | Jan 4,2020 | |
| **Action Items:** Classes must commence from Jan 6, 2020 | | | | | | |  | |
| **Agenda Topic#4: Course File & Lab Files** | | | | | | |  | |
| **Note:** Faculties are asked to prepare course and lab files | | | | | | | Jan 4,2020 | |
| **Action Item:** Faculties are asked to get ready their course files which includes following   * Syllabus * Past 3 to 4 year’s RTU papers and their solutions * Lecture plan * Class deliveries (notes etc.) * Assignments * Mid semester exam paper (after exam is over) and solutions with marking scheme * Sample of best student answer book (photocopy) * Copy of results of mid semester exams * Schedule and details of remedial and make up classes held for weaker students * Details of efforts to enhance practical knowledge of students | | | | | | |  | |

|  |  |
| --- | --- |
| Beyond RTU syllabus which is important from industry and job point of view.   * Any other relevant material * Analysis of course and comments/suggestions for improvement of course content/delivery.   **Lab File:**   * Syllabus * Copies of Lab Manual * Notes regarding theoretical concepts involved for * conducting the lab * 20-30 Viva questions of each experiment * The viva questions should test the students on * Importance of experiments * Details of equipment * Important points in procedure * Important point in observation and analysis * Practical importance of results obtained from the experiments * Practical score sheet |  |
| **Agenda Topic#5: Additional Competencies- PLC & SCADA** |  |
| **Note:** As an Electrical engineer PLC & SCADA knowledge is very useful for industrial purpose. Hence it is decided to allow students to get involved to learn Automation. |  |
| **Action Item:** Training is scheduled for II & III Year students in association with Mecstech Education and Research Center Pvt Ltd, Ajmer. |  |

**Meeting Closed:** 11:05am.

Techno India NJR Institute of Technology

**Minutes of Dept. Meeting**

**Venue** – EE DEPT.

**Dates** – 25/06/2019

**Time** – 2:30 PM – 3:30 PM

#### The following faculty & staff members were present in the Meeting:-

|  |  |
| --- | --- |
| Dr. Payal Jain | Mr. Abrar Ahmed |
| Mr. CP Jain | Mr. Gaurav Kumawat |
| Mr. Rajkumar Soni | Mr. Yashwant Soni |
| Ms. Lalita Vaishnav | Mr. Yogendra Solanki |
| Ms. Aashika Sharma | Mr. Vivek Jain |
| Ms. Zenab Kurabadwala |  |

Department meeting held on 20/06/2018 in Electrical Department ended with discussion on various following issues.

1. **Subject distribution for the academic year of 2016-17(July-Dec)**

Based on faculties’ expertise, subjects and labs have been assigned to all faculties.

|  |  |  |  |
| --- | --- | --- | --- |
| FACULTY | 3rd SEM | 5th SEM | 7th SEM |
| Ms. Lalita Vaishnav | EM-I (EE&EEE) | EMD (EE & EEE |  |
| Ms. Payal Paliwal | EMFT (EE&EEE) | EW |  |
|  |  | AC |  |
| Mr. CP Jain | PGP (EE & EEE) | CS (EE & EEE | Non-Conventional Energy Sources (EE & EEE) |
|  |  | PSP |
|  |  | PSA (EE & EEE) |
| Mr. Abrar Ahmed | ECA (EE & EEE |  |  |
| Mr. Nitin Kothari | AE |  |  |
| Dr. Payal Jain | AEM (EE & EEE |  |  |
| Mr. Hitkaran Singh | TC (EE & EEE |  |  |
| Mr. Yogendra Solanki |  | MP |  |
|  | VLSI |  |
| Mr. Rajkumar Soni |  | PS-I (EE & EEE) | Power System Engineering (EE & EEE) |
|  |  | Economic Operation of Power Systems (EE) |
| Dr. Jitendra Shrimali |  | NN (EEE) | Artificial Intelligence Techniques (EE & EEE) |
| Mr. Gaurav Kumawat |  |  | Operating System (EEE) |

1. **Departmental Time Table** duties are assigned to coordinator

#### Course File & LAB Manual

Faculties have to prepare their respective file and lab manual including following documents:-

COURSE FILE –

Syllabus lecture plan (In a column target date or date of teaching can be included) Notes assignments

Mid Term question paper and solution with marking scheme List of Marks obtained by students in midterm exams

List of important questions, provided to students Solution of last year RTU question paper

Any other relevant material LAB MANUAL –

Syllabus

Notes regarding theoretical concepts involved for conducting lab Lab Manual

20-30 Viva questions of each experiment Practical importance of results obtained from the experiments Practical score sheet

1. **Other documents** to be attached in course file during the semester: Midterm exam paper Midterm exam paper solution

Best student answer book (photocopy) Copy of results of mid semester exams

Industry Application Related Material and GATE questions

1. **Lab** :

Faculty has to perform the entire practical before starting of semester and check for all the requirements and correction of any instrument if any.

Lab manual and Lab score sheet

1. Placement:

Placement database to be maintained by the Batch coordinator.

Techno India NJR Institute of Technology

Minutes of EE Dept. Meeting

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| --- | --- | --- | --- |
| **Meeting/Project Name** | Course Status And End Semester Training | | |
| **Date of Meeting:** | April 3, 2019 | **Time** | 10:15- 11:20 A:M |
| **Administrator** | Mr. CP Jain | **Venue** | Techno India NJR Inst. of Tech, Udaipur |

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| **1.Meeting Objective** | | | | | | | |
| To make systematic academic plan for smooth and effective running of the session.(2017-18) | | | | | | | |
| **2. Attendees** | | | | | | | |
| Prof. Pradeep C. | | | | Ms. Aashika Sharma | | | |
| Mr. Rajkumar Soni | | | | Mr. Vivek Jain | | | |
| Ms. Lalita Vaishnav | | | | Mr. Pushkar Lohar | | | |
| Mr. CP Jain | | | | Mr. Yogendra Solanki | | | |
| Mr. Vivek Jain | | | | Mr. Abrar Ahmad | | | |
| **3. Agenda** | | | | | | | |
| **Topic A.** | **Syllabus Completion Status for IVth, VIth, VIIIth Sem** | | | | | | |
| Note:- | Faculties have submitted course files. | | | | | | |
|  | **Action Items** | | | | | | |
|  | Details of course completion & lecture requirement.   |  |  |  |  | | --- | --- | --- | --- | | **Name of subject IV sem** | **Name of faculty** | **Course status** | **Remarks** | | EM-II (EE&EEE) | Lalita Vaishnav (EE&EEE) | 3.5 | Requires 10 lectures | | SS | Vivek Jain | 3.5 | Requires 10 lectures | | PE (EE&EEE) | Abrar Ahmed (EE&EEE) | 3.5 | Requires 10 lectures | | EMI (EE&EEE) | Aashika Sharma (EE&EEE) | 4 | Requires 5 lectures | | Bio | Yasmin Ali | 4 | Requires 5 lectures | | DE (EE&EEE) | Yogendra Solanki | 4 | Requires 5 lectures | | MEFA | Paras Kothari | 3.5 | Requires 10 lectures |  |  |  |  |  | | --- | --- | --- | --- | | **Name of subject VI Sem** | **Name of faculty** | **Course status** | **Remarks** | | MCT (EE&EEE) | CP Jain | 4 | Requires 10 lectures | | MPMC | Yogendra Solanki | 4.5 | Requires 5 lectures | | SGP (EE&EEE) | Rajkumar Soni | 4 | Requires 10 lectures | | HVE | Lalita Vaishnav | 3.5 | Requires 5 lectures | | NN | Kirti | 3.5 | Requires 5 lectures | | DCIT | Vivek Jain | 3.5 | Requires 5 lectures | | APE (EE&EEE) | Abrar Ahmed | 4 | Requires 10 lectures | | SGT (EE&EEE) | Aashika Sharma | 3.5 | Requires 5 lectures | | | | | | | |
|  | **Name of subject VIII** | **Name of faculty** | | **Course status** | **Remarks** |  |
| EDTC (EE&EEE) | Abrar Ahmad | | 4.5 | Requires 3.5 lectures |
| EHV AC/DC (EE&EEE) | CP Jain | | 4 | Requires 5 lectures |
|  |  | PPS (EE&EEE) | Rajkumar Soni | | 4.5 | Requires 4 lectures |  |
|  | UEP | UEP (EE&EEE) | CP Jain | | 4 | Requires 5 lectures |  |

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| **Topic B**. | **Additional Competencies : Gate exam preparation** | | | | |
| Note:- | For increasing the core knowledge of subjects, the gate classes have been scheduled. | | | | |
|  | **Action Items** | | | | |
|  |  | | | | |
|  | CP Jain | Control System | |  |
| Rajkumar Soni | Power System | |
| Rajkumar Soni | Power Electronics | |
| Lalita Vaishnav | Electeical Machines | |
| Circuit Analysis | Aashika Sharma | |
| **Topic C.** | **Remedial Classes For Backlog & Weaker Students** | | | | |
| Note :- | Following weaker students have been identified based on their attendance and midterm performance. Also, backlog appearing students have been identified, remedial classes will be scheduled | | | | |
|  | **Action Items** | | | | |
|  | Focus on previous year R.T.U questions and teach them those topics which are important according to exam point of view. | | | | |
|  | * Bhupesh Bhati Mahipal Singh * Dipak Kharadi Pushkar Choudhary * Jayant Gochar Rohit Khoiwal * Kajal Sawariya Sahil Kharadi * Naveen Pancholi Yagvendra Singh | | 4th year students |  |
| * Chitesh Narolia Pranish Salvi * Deependra Singh Prashant Salvi * Lokesh Lohar Sanjeev Singh * Mahendra Meena Suraj Upadhayay | | 3rd year students |
| * Aditya Mahajan Ajay Singh * Devi lal Meghwal * Sachin Yadav * Shubham Paneri | | 2nd Year students |
| **Topic D.** | **End Semester Training** | | | | |
| Note :- | We have identified following areas, where students can foster their knowledge and get them ready for Industrial exposure and upcoming placement opportunities  1. MATLAB Simulink 2. PLC/SCADA 3. Industrial Concept 4. PSCAD. | | | | |
|  | **Action Items** | | | | |
|  | Training will be started once semester exam gets over. | | | | |

**Meeting Closed:** 10:58 AM

Techno India NJR Institute of Technology

**Minutes of Dept. Meeting**

**Venue** – EE DEPT.

**Dates** – 20/06/2018

**Time** – 3:30 PM – 4:30 PM

#### The following faculty & staff members were present in the Meeting:-

|  |  |
| --- | --- |
| Dr. Payal Jain | Mr. Abrar Ahmed |
| Mr. CP Jain | Mr. Gaurav Kumawat |
| Mr. Rajkumar Soni | Mr. Yashwant Soni |
| Ms. Lalita Vaishnav | Mr. Yogendra Solanki |
| Ms. Aashika Sharma | Mr. Vivek Jain |
| Ms. Zenab Kurabadwala |  |

Department meeting held on 20/06/2018 in Electrical Department ended with discussion on various following issues.

1. **Subject distribution for the academic year of 2016-17(July-Dec)**

Based on faculties’ expertise, subjects and labs have been assigned to all faculties.

|  |  |  |  |
| --- | --- | --- | --- |
| FACULTY | 3rd SEM | 5th SEM | 7th SEM |
| Ms. Lalita Vaishnav | EM-I (EE&EEE) |  |  |
| Mr. Yogendra Solanki |  | Introduction to VLSI (EEE) |  |
| Ms. Ashika Sharma | ECA (EE & EEE) |  | Non-Conventional Energy Sources (EE & EEE) |
| Ms. Zenab |  | T&D (EE&EEE) |  |
| Mr. Hitkaran Singh Ranawat | TC |  |  |
| Mr. CP Jain | EMFT (EE&EEE) | CS (EE & EEE) | Power System Planning (EE & EEE) |
| PGP (EE&EEE) | Professional Ethics and  Disaster Management | Power System Analysis (EE & EEE) |
| Dr. Payal Jain | AEM |  |  |
| Mr. Nitin Kothari | AE |  |  |
| Mr. Vivek Jain |  | PCS |  |
| Mr. Rajkumar Soni |  | PE (EE&EEE) | Power System Engineering (EE & EEE) |
|  |  | Economic Operation of Power Systems (EE) |
| Ms. Poornima Dave |  |  | Artificial Intelligence Techniques (EE & EEE) |
| Mr. Gaurav Kumawat |  |  | Operating System (EEE) |
| Mr. Pankaj Ameta |  | DBMS |  |

1. **Departmental Time Table** duties are assigned to coordinator

#### Course File & LAB Manual

Faculties have to prepare their respective file and lab manual including following documents:-

COURSE FILE –

Syllabus lecture plan (In a column target date or date of teaching can be included) Notes assignments

Mid Term question paper and solution with marking scheme List of Marks obtained by students in midterm exams

List of important questions, provided to students Solution of last year RTU question paper

Any other relevant material LAB MANUAL –

Syllabus

Notes regarding theoretical concepts involved for conducting lab Lab Manual

20-30 Viva questions of each experiment Practical importance of results obtained from the experiments Practical score sheet

1. **Other documents** to be attached in course file during the semester: Midterm exam paper Midterm exam paper solution

Best student answer book (photocopy) Copy of results of mid semester exams

Industry Application Related Material and GATE questions

1. **Lab** :

Faculty has to perform the entire practical before starting of semester and check for all the requirements and correction of any instrument if any.

Lab manual and Lab score sheet

1. Placement:

Placement database to be maintained by the Batch coordinator.

Techno India NJR Institute of Technology

Minutes of Dept. Meeting

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| --- | --- | --- | --- |
| **Meeting/Project Name** | Course Status And End Semester Training | | |
| **Date of Meeting:** | April 1, 2018 | **Time** | 10:00- 11:00 A:M |
| **Administrator** | Mr. CP Jain | **Venue** | Techno India NJR Inst. of Tech, Udaipur |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **1.Meeting Objective** | | | | | | | |
| To make systematic academic plan for smooth and effective running of the session.(2017-18) | | | | | | | |
| **2. Attendees** | | | | | | | |
| Mr. CP Jain | | | | Ms. Aashika Sharma | | | |
| Mr. Rajkumar Soni | | | | Ms. Lalita Vaishnav | | | |
| Ms. Neha Tak | | | | Mr. Abrar Ahmad | | | |
| Mr. Irfan Ali | | | | Ms. Tanu Verma | | | |
| Mr. Vivek Jain | | | |  | | | |
| **3. Agenda** | | | | | | | |
| **Topic A.** | **Syllabus Completion Status for IVth, VIth, VIIIth Sem** | | | | | | |
| Note:- | Faculties have submitted course files. | | | | | | |
|  | **Action Items** | | | | | | |
|  | Details of course completion & lecture requirement.   |  |  |  |  | | --- | --- | --- | --- | | **Name of subject IV sem** | **Name of faculty** | **Course status** | **Remarks** | | EEM | Tanu Verma | 3.5 | Requires 10 lectures | | LIC | Yashwant Soni | 3.5 | Requires 10 lectures | | AE | Nitin Kothari | 3.5 | Requires 10 lectures | | GEP | Irfan Ali | 4 | Requires 5 lectures | | EM-II | Lalita Vaishnav | 4 | Requires 5 lectures | | CA-II | Aashika Sharma | 4 | Requires 5 lectures | | EM | Aashika Sharma | 3.5 | Requires 10 lectures | | AEM-II | Kirti Kurdiya | 4 | Requires 5 lectures |  |  |  |  |  | | --- | --- | --- | --- | | **Name of subject VI** | **Name of faculty** | **Course status** | **Remarks** | | MCT | CP Jain | 4 | Requires 10 lectures | | MPMC | Yogendra Solanki | 4 | Requires 10 lectures | | SGP | Abrar Ahmad | 4 | Requires 10 lectures | | HVE | Lalita Vaishnav | 3.5 | Requires 5 lectures | | NN | Kirti | 3.5 | Requires 5 lectures | | AMP | Vivek Jain | 3.5 | Requires 5 lectures | | APE | Neha Tak | 4 | Requires 10 lectures | | SGT | Aashika Sharma | 3.5 | Requires 5 lectures | | | | | | | |
|  | **Name of subject VIII** | **Name of faculty** | | **Course status** | **Remarks** |  |
| EDTC | Abrar Ahmad | | 4 | Requires 5 lectures |
| EHV AC/DC | CP Jain | | 4 | Requires 5 lectures |
|  |  | PPS | Rajkumar Soni | | 4 | Requires 5 lectures |  |
|  | UEP | UEP | CP Jain | | 4 | Requires 5 lectures |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | | | | |
| **Topic B**. | **Additional Competencies : Gate exam preparation** | | | | |
| Note:- | For increasing the core knowledge of subjects, the gate classes have been scheduled. | | | | |
|  | **Action Items** | | | | |
|  |  | | | | |
|  | CP Jain | Control System | |  |
| Rajkumar Soni | Power System | |
| Neha Tak | Power Electronics | |
| Lalita Vaishnav | Electeical Machines | |
| Circuit Analysis | Aashika Sharma | |
| **Topic C.** | **Remedial Classes For Backlog & Weaker Students** | | | | |
| Note :- | Following weaker students have been identified based on their attendance and midterm performance. Also, backlog appearing students have been identified, remedial classes will be scheduled | | | | |
|  | **Action Items** | | | | |
|  | Focus on previous year R.T.U questions and teach them those topics which are important according to exam point of view. | | | | |
|  | * Akib Javed Hashim Sheikh * Anil Darji Ojasvi Singh * Atul Soni Rajendra Jatal * Bhavesh Salvi Prasan Pandya * Ganshyam Singh Shubham Sharma | | 4th year students |  |
| * Bhupesh Bhati Mahipal Singh * Dipak Kharadi Pushkar Choudhary * Jayant Gochar Rohit Khoiwal * Kajal Sawariya Sahil Kharadi * Naveen Pancholi Yagvendra Singh | | 3rd year students |
| * Chitesh Narolia Pranish Salvi * Deependra Singh Prashant Salvi * Lokesh Lohar Sanjeev Singh * Mahendra Meena Suraj Upadhayay | | 2nd Year students |
| **Topic D.** | **End Semester Training** | | | | |
| Note :- | We have identified following areas, where students can foster their knowledge and get them ready for Industrial exposure and upcoming placement opportunities  1. MATLAB Simulink 2. PLC/SCADA 3. Industrial Concept 4. PSCAD. | | | | |
|  | **Action Items** | | | | |
|  | Training will be started once semester exam gets over. | | | | |

**Meeting Closed:** 10:58 AM

Techno India NJR Institute of Technology

Minutes of Dept. Meeting

**Venue** – EE DEPT.

**Day** – 27-Mar-17

**Time** – 3:00 PM – 4:00 PM

#### The following faculty & staff members were present in the Meeting:-

|  |  |  |
| --- | --- | --- |
| Mr. CP Jain | Ms. Aashika Sharma | Ms. Tanu Sharma |
| Mr. Rajkumar Soni | Mr. Jayanti Lal | Mr. Pushkar Lohar |
| Mr. Abrar Ahmad | Mr. Nitin Kothari | Mr. Bheru Lal |
| Mr. Gajendra Sharma | Mr. Yashwant Soni |  |
| Mr. Vivek Jain | Ms. Kirti Kurdiya |  |

Department meeting held on 27-Mar-17 in Electrical Department ended with discussion on various following issues.

1. Syllabus completion report :

Faculties need to state their syllabus completion and required lecture for the course completion before semester end

|  |  |  |  |
| --- | --- | --- | --- |
| FACULTY | 4th SEM | Course status | Remark |
| Mr. Nitin Kothari | Analog Electronics (EE & EEE) | 3.2 unit | Need lecture for RTU Paper |
| Mr. Yashwant Soni | Linear Integrated Circuits (EE & EEE) | 3.8 unit | Need 10 lecture |
| Ms. Aashika Sharma | Electrical Measurements (EE & EEE) | 3.6 unit | Need 5 extra lectures for  numerical |
| Ms. Tanu Verma | Electrical Engineering Materials (EE & EEE) | 3.5 unit | Need 15 lecture |
| Mr. Amrit lal Jangid | Electrical Machines-II (EE & EEE) | 3.1 unit | Need extra class for numerical |
| Mrs. Kirti Kurdiya | Advanced Engineering Mathematics-II (EE & EEE) | 3.5 unit | Need 12 lecture |
| FACULTY | 6th SEM | Course status | Remark |
| Ms. Aashika Sharma | Smart Grid Technology (EE & EEE) | 4.75 Unit |  |
| Mr. CP Jain | Modern Control Theory (EE & EEE) | 4.5 Unit |  |
| Mr. Vivek Jain | Advanced Microprocessors (EEE) | 4.5 Unit | Need extra class for numerical |
| Mr. Yogendra Solanki | Microprocessor & Microcontroller (EE & EEE) | 4.75 Unit |  |
| Mr. Gajendra Sharma | Switchgear & Protection (EE & EEE) | 4.5 unit | Need lecture for RTU Paper |
| Mr. Jayanti Lal | High Voltage Engineering (EE) | 5 unit |  |
| Ms. Kirti | Neural Networks (EE & EEE) | 4.5 Unit | Need extra class |
| Mr. Abrar Ahmad | Advanced Power Electronics (EE & EEE) | 4.75 Unit |  |

|  |  |  |  |
| --- | --- | --- | --- |
| FACULTY | 8th SEM | Course status | Remark |
| Mr. CP Jain | EHV AC/DC Transmission (EE & EEE) | 5 Unit |  |
| Mr. CP Jain | Utilization of Electrical Power (EE & EEE) | 4.8 Unit | Need 4 lectures |
| Mr. Abrar Ahmad | Electric Drives and Their Control (EE & EEE) | 5 Unit |  |
| Mr. Rajkumar Soni | Protection of Power System (EE & EEE) | 5 Unit |  |

1. Extra class:

For weak student:

Identify weak student by the coordinator from current semester midterm results and student having low attendance .Special doubt class for Numerical subject are planned and also for weak students special revision classes are planed

1. Remedial classes for weak and Backlog appearing students Following subject classes are arranged:-

|  |  |
| --- | --- |
| FACULTY | 4th SEM |
| Ms. Aashika Sharma | Electrical Measurements (EE & EEE) |
| Ms. Tanu Verma | Electrical Engineering Materials (EE & EEE) |
| Mr. Amrit lal Jangid | Electrical Machines-II (EE & EEE) |
| FACULTY | 6th SEM |
| Mr. CP Jain | Modern Control Theory (EE & EEE) |
| Mr. Vivek Jain | Advanced Microprocessors (EEE) |
| Mr. Yogendra Solanki | Microprocessor & Microcontroller (EE & EEE) |
| FACULTY | 8th SEM |
| Mr. CP Jain | Utilization of Electrical Power (EE & EEE) |

1. Practical examination schedule

For conducting practical exam on time schedule was to create by the coordinator Faculty must prepare for below points:

* 1. Question papers for practical examination
  2. MCQ questions
  3. Viva Questions
  4. Checking all the apparatus and ensuring their fine working
  5. Summer Internship for 6th sem student

To ensure that all students (VI SEM) are undergoing industrial training. Please make an excel sheet (by faculty coordinator) for the same and submit in to Mr. CP Jain. Include Student name, organization, department, training start date, permission letter status etc. in the excel sheet.

* 1. Aptitude classes for 3rd and 4th Year student after RTU exam should be held Faculty coordinates for classes-

Mr.Rajkumar Soni

Mr. CP Jain

* 1. Summer Training for students

Summer training classes’ time table will be made by the coordinator

|  |  |  |
| --- | --- | --- |
| Semester | Training | Description |
| 2nd | MATLAB | MATLAB is need for every engineering student so more detail training for 1st year student and practice will we done |
| 4th | PSCAD | For 2nd year student PSCAD mainly based on Power System Computer Aided Design. |
| 6th | PLC / SCADA | To analysis the load and various boundary conditions PLC training is conducted.  Also to make them production industry ready hands on practice on PLCs and SCADA.  Automation and Robotics are main component of Industry 4.0 ,so they were added in their training |
| 8th | QA / Verbal Ability | To make placement ready student should have good Aptitude and Verbal Ability |

* 1. Faculty need to make training course file and student record sheet for the training.
  2. Industrial visit

To enhance the industrial knowledge student industries visit are planned for students after semester exam. For industry visit Mr. CP Jain and Mr Rajkumar Soni were assigning to coordinate with various local and outside Udaipur visit after RTU exam.

Techno India NJR Institute of Technology

**Minutes of Dept. Meeting**

**Venue** – EE DEPT.

**Day** – 04-Jan-17

**Time** – 3:00 PM – 4:00 PM

#### The following faculty & staff members were present in the Meeting:-

|  |  |  |
| --- | --- | --- |
| Mr. CP Jain | Ms. Aashika Sharma | Ms. Tanu Sharma |
| Mr. Rajkumar Soni | Mr. Jayanti Lal | Mr. Pushkar Lohar |
| Mr. Abrar Ahmad | Mr. Nitin Kothari | Mr. Bheru Lal |
| Mr. Gajendra Sharma | Mr. Yashwant Soni |  |
| Mr. Vivek Jain | Ms. Kirti Kurdiya |  |

Department meeting held on 04-Jan-17 in Electrical Department ended with discussion on various following issues.

1. **Subject distribution for the academic year of 2016-17 (Jan- June)**

Based on faculties’ expertise, subjects and labs have been assigned to all faculties.

|  |  |  |  |
| --- | --- | --- | --- |
| FACULTY | 4th SEM | 6th SEM | 8th SEM |
| Mr. Nitin Kothari | Analog Electronics (EE & EEE) |  |  |
| Mr. Yashwant Soni | Linear Integrated Circuits (EE & EEE) |  |  |
| Ms. Aashika Sharma | Electrical Measurements (EE & EEE) | Smart Grid Technology (EE & EEE) |  |
| Ms. Tanu Verma | Electrical Engineering Materials (EE & EEE) |  |  |
| Mr. Amrit lal Jangid | Electrical Machines-II (EE & EEE) |  |  |
| Mrs. Kirti Kurdiya | Advanced Engineering Mathematics-II (EE & EEE) |  |  |
| Mr. CP Jain |  | Modern Control Theory (EE & EEE) | EHV AC/DC Transmission (EE & EEE) |
|  |  | Utilization of Electrical Power (EE & EEE) |
| Mr. Vivek Jain |  | Advanced Microprocessors (EEE) |  |
| Mr. Yogendra Solanki |  | Microprocessor & Microcontroller (EE & EEE) |  |
| Mr. Gajendra Sharma |  | Switchgear & Protection (EE & EEE) |  |
| Mr. Jayanti Lal |  | High Voltage Engineering (EE) |  |
| Ms. Kirti |  | Neural Networks (EE & EEE) |  |
| Mr. Abrar Ahmad |  | Advanced Power Electronics (EE & EEE) | Electric Drives and Their Control (EE & EEE) |
| Mr. Rajkumar Soni |  |  | Protection of Power System (EE & EEE) |

1. **Departmental Time Table** duties are assigned to coordinator

#### Course File & LAB Manual

Faculties have to prepare their respective file and lab manual including following documents:-

COURSE FILE –

Syllabus

Lecture plan (In a column target date or date of teaching can be included) Notes, Assignments, Mid Term question paper and solution with marking scheme List of Marks obtained by students in midterm exams

List of important questions, provided to students Solution of last year RTU question paper

Any other relevant material LAB MANUAL –

Syllabus

Notes regarding theoretical concepts involved for conducting lab Lab Manual 20-30 Viva questions of each experiment

Practical importance of results obtained from the experiments Practical score sheet

1. **Other documents** to be attached in course file during the semester: Midterm exam paper Midterm exam paper solution

Best student answer book (photocopy) Copy of results of mid semester exams

Industry Application Related Material and GATE questions

1. **Lab** :

Faculty has to perform the entire practical before starting of semester and check for all the requirements and correction of any instrument if any.

Lab manual and Lab score sheet

1. Placement:

Placement database to be maintained by the Batch coordinator.

Techno India NJR Institute of Technology

**Minutes of Dept. Meeting**

**Venue** – EE DEPT.

**Day** – 14/11/2016

**Time** – 3:00 PM – 4:00 PM

#### The following faculty & staff members were present in the Meeting:-

|  |  |  |
| --- | --- | --- |
| Mrs. Kirti Kurdiya | Mr. Abrar Ahmed | Ms. Kirti |
| Mr Yashwant Soni | Mr. CP Jain | Mr. Gaurav Kumawat |
| Ms. Ashika Sharma | Mr. Yogendra Solanki |  |
| Mr. Ashok K. | Prof. Rajesh Purohit |  |
| Mr. Pankaj Ameta | Mr. Vivek Jain |  |

Department meeting held on 14/11/2016 in Electrical Department ended with discussion on various following issues.

* 1. Syllabus completion report :

Faculties need to state their syllabus completion and required lecture for the course completion before semester end

|  |  |  |  |
| --- | --- | --- | --- |
| FACULTY | 3rd SEM | Course status | Remark |
| Dr Payaj Jain | Advanced Engineering Mathematics | 3.2 Unit | Need 17 lecture |
| Mr Yashwant Soni | Electronic Devices & Circuits (EE & EEE) | 3.25 Unit | Need 18 lecture |
| Ms. Ashika Sharma | Circuit Analysis-I (EE & EEE) | 3.8 Unit | Need 13 lecture |
| Mr. Ashok K. | Digital Electronics (EE & EEE) | 3.75 Unit | Need 14 lecture |
| Mr. Pankaj  Ameta | Object Oriented Programming (EE & EEE) | 3.3 Unit | Need 18 lecture |
| Mr. Prakash Sundram | Electrical Machines-I (EE & EEE) | 3.75 Unit | Need 13 lecture |
|  |  |  |  |
| FACULTY | 5th SEM | Course status | Remark |
| Mr. Pankaj Ameta | Data Base Management System (EE & EEE) | 4.7 Unit | Need 4 lecture |
| Mr. Abrar Ahmed | Power Electronics (EE & EEE) | 4.2 Unit | Need 7 lecture |
| Mr. CP Jain | Transmission & Distribution of Electrical Power (EE & EEE) | 4.8 Unit | Need 2 lecture |
| Mr. Yogendra Solanki | Introduction to VLSI (EE & EEE) | 4.5 Unit | Need 5lecture |
| Prof. Rajesh Purohit | Control Systems (EE & EEE) | 4.75 Unit | Need 3 lecture |

|  |  |  |  |
| --- | --- | --- | --- |
| Mr. Vivek Jain | Microprocessors & Computer Architecture (EE & EEE) | 4.5 unit | Need 5 lecture |
|  |  |  |  |
| FACULTY | 7th SEM | Course status | Remark |
| Ms. Ashika Sharma | Non-Conventional Energy Sources (EE & EEE) | 5 unit |  |
| Mr. CP Jain | Power System Planning (EE & EEE) | 5 unit |  |
| Mr. CP Jain | Power System Analysis (EE & EEE) | 4.8 unit | Need 3 lecture |
| Mr. Irfan Ali | Power System Engineering (EE & EEE) | 4.5 unit | Need 5 lecture |
| Mr. Irfan Ali | Economic Operation of Power Systems (EE) | 5 unit |  |
| Ms. Kirti | Artificial Intelligence Techniques (EE & EEE) | 5 unit |  |

* 1. Extra class:

For WEAK STUDENT:

Identify weak student by the coordinator from current semester midterm results and student having low attendance .Special doubt class for Numerical subject are planned and also for weak students special revision classes are planed

* 1. Remedial classes for weak and Backlog appearing students. Following subject classes are arranged:-

|  |  |
| --- | --- |
| FACULTY | 3rd SEM |
| Dr Payaj Jain | Advanced Engineering Mathematics |
| Mr. Ashok K. | Digital Electronics (EE & EEE) |
| Mr. Prakash Sundram | Electrical Machines-I (EE & EEE) |
|  | 5th SEM |
| Mr. Abrar Ahmed | Power Electronics (EE & EEE) |
| Prof. Rajesh Purohit | Control Systems (EE & EEE) |
|  | 7th SEM |
| Mr. CP Jain | Power System Analysis (EE & EEE) |
| Mr. Irfan Ali | Power System Engineering (EE & EEE) |
| Ms. Kirti | Artificial Intelligence Techniques (EE & EEE) |

* 1. Practical examination schedule

For conducting practical exam on time schedule was to create by the coordinator Faculty must prepare for below points:

* + 1. Question papers for practical examination
    2. MCQ questions
    3. Viva Questions
    4. Checking all the apparatus and ensuring their fine working
    5. Gate classes for 4th Year student after RTU exam should be held Faculty coordinates for Gate classes-

|  |  |
| --- | --- |
| Abhishek Sharma | Design Subject |
| Mr.Raspal Singh | Thermal Subject |
| Mr. Umesh Jat | Production Subject |
| Mr.Anoo Dadhich | Other |

* + 1. Winter Training for Non Gate students

Winter training clasess time table will be made by the coordinator

|  |  |  |
| --- | --- | --- |
| Semester | Training | Description |
| 1st | MATLAB Programing | MATLAB programing is need for every engineering student so more detail training for 1st year student and practice will we done |
| 3rd | MATLAB Simulink | For 2nd year student MATLAB Simulink, simulation of power converter circuits and power system. This will enhance their industrial knowledges. |
| 5th | PLC | To analysis the load and various boundary conditions PLC training is conducted.  To make understand Industrial Automation need with the help of PLC and SCAD. |
| 7th | QA / Verbal Ability | To make placement ready student should have good Aptitude and Verbal Ability |

* + 1. Faculty need to make training course file and student record sheet for the training.
    2. Industrial visit to enhance the industrial knowledge student industries visit are planned for students after semester exam.

For industry visit Mr. CP Jain and Mr Irfan Ali were assigning to coordinate with various local and outside Udaipur visit after RTU exam.

1. **Departmental Time Table** duties are assigned to coordinator

#### Course File & LAB Manual

Faculties have to prepare their respective file and lab manual including following documents:-

COURSE FILE –

Syllabus

Lecture plan (In a column target date or date of teaching can be included) Notes

Assignments

Mid Term question paper and solution with marking scheme List of Marks obtained by students in midterm exams

List of important questions, provided to students Solution of last year RTU question paper

Any other relevant material LAB MANUAL –

Syllabus

Notes regarding theoretical concepts involved for conducting lab Lab Manual

20-30 Viva questions of each experiment

Practical importance of results obtained from the experiments Practical score sheet

1. **Other documents** to be attached in course file during the semester: Midterm exam paper Midterm exam paper solution

Best student answer book (photocopy) Copy of results of mid semester exams

Industry Application Related Material and GATE questions

1. **Lab** :

Faculty has to perform all the practical before starting of semester and check for all the requirements and correction of any instrument if any.

Lab manual and Lab score sheet

1. **Additional Skill:**

Following labs are added to time table for making student industry ready:

RSLogix5000 for 2nd Year Student

Pspice for 3rd Year students Express PCB for 4th Year students

Techno India NJR Institute of Technology

**Minutes of Dept. Meeting**

**Venue** – EE DEPT.

**Dates** – 20/06/2016

**Time** – 3:00 PM – 4:00 PM

#### The following faculty & staff members were present in the Meeting:-

|  |  |  |
| --- | --- | --- |
| Mrs. Kirti Kurdiya | Mr. Abrar Ahmed | Ms. Kirti |
| Mr Yashwant Soni | Mr. CP Jain | Mr. Gaurav Kumawat |
| Ms. Ashika Sharma | Mr. Yogendra Solanki |  |
| Mr. Ashok K. | Prof. Rajesh Purohit |  |
| Mr. Pankaj Ameta | Mr. Vivek Jain |  |
| Mr. Prakash Sundram | Mr. Irfan Ali |  |

Department meeting held on 20/06/2016 in Electrical Department ended with discussion on various following issues.

1. **Subject distribution for the academic year of 2016-17(July-Dec)**

Based on faculties’ expertise, subjects and labs have been assigned to all faculties.

|  |  |  |  |
| --- | --- | --- | --- |
| FACULTY | 3rd SEM | 5th SEM | 7th SEM |
| Mrs. Kirti Kurdiya | Advanced Engineering Mathematics (EE & EEE) |  |  |
| Mr Yashwant Soni | Electronic Devices & Circuits (EE & EEE) |  |  |
| Ms. Ashika Sharma | Circuit Analysis-I (EE & EEE) |  | Non-Conventional Energy Sources (EE & EEE) |
| Mr. Ashok K. | Digital Electronics (EE & EEE) |  |  |
| Mr. Pankaj Ameta | Object Oriented Programming (EE & EEE) | Data Base Management System (EE & EEE) |  |
| Mr. Prakash Sundram | Electrical Machines-I (EE & EEE) |  |  |
| Mr. Abrar Ahmed |  | Power Electronics (EE & EEE) |  |
| Mr. CP Jain |  | Transmission & Distribution of Electrical Power (EE & EEE) | Power System Planning (EE & EEE) |
|  |  | Power System Analysis (EE & EEE) |
| Mr. Yogendra Solanki |  | Introduction to VLSI (EE & EEE) |  |
| Prof. Rajesh Purohit |  | Control Systems (EE & EEE) |  |
| Mr. Vivek Jain |  | Microprocessors & Computer Architecture (EE & EEE) |  |
| Mr. Irfan Ali |  |  | Power System Engineering (EE & EEE) |
|  |  | Economic Operation of Power Systems (EE) |
| Ms. Kirti |  |  | Artificial Intelligence Techniques (EE & EEE) |
| Mr. Gaurav Kumawat |  |  | Operating System (EEE) |

1. **Departmental Time Table** duties are assigned to coordinator

#### Course File & LAB Manual

Faculties have to prepare their respective file and lab manual including following documents:-

COURSE FILE –

Syllabus lecture plan (In a column target date or date of teaching can be included) Notes assignments

Mid Term question paper and solution with marking scheme List of Marks obtained by students in midterm exams

List of important questions, provided to students Solution of last year RTU question paper

Any other relevant material LAB MANUAL –

Syllabus

Notes regarding theoretical concepts involved for conducting lab Lab Manual

20-30 Viva questions of each experiment Practical importance of results obtained from the experiments Practical score sheet

1. **Other documents** to be attached in course file during the semester: Midterm exam paper Midterm exam paper solution

Best student answer book (photocopy) Copy of results of mid semester exams

Industry Application Related Material and GATE questions

1. **Lab** :

Faculty has to perform the entire practical before starting of semester and check for all the requirements and correction of any instrument if any.

Lab manual and Lab score sheet

1. Placement:

Placement database to be maintained by the Batch coordinator.