```python
from django.db import models
from datetime import datetime
from django.utils import timezone
# Admin Area

class Admin_Registration(models.Model):
 fname=models.CharField(max_length=100)
 mname=models.CharField(max_length=100)
 lname=models.CharField(max_length=100)
 dob=models.DateField(max_length=8)
 GENDER_CHOICES = (("male",'male'),("female",'female'),)
 gender=models.CharField(max_length=10,choices=GENDER_CHOICES,default="")
 aadhar=models.CharField(max_length=12)

 address=models.TextField()
 city=models.CharField(max_length=100)
 pin=models.CharField(max_length=10)
 mobile=models.CharField(max_length=10)
 photo=models.ImageField(upload_to='StudentPhotos/',default="")

 status=models.CharField(max_length=100,default="Panding")
 last_login=models.CharField(max_length=100,default="")
 email=models.CharField(max_length=100,primary_key=True)
 password=models.CharField(max_length=100,default="")
 cpassword=models.CharField(max_length=100,default="")
 sreenpin=models.CharField(max_length=100,default="")
 csreenpin=models.CharField(max_length=100,default="")

 def __str__(self):
  return self.mname+" "+self.email

class Student_Registration(models.Model):
 admin_user=models.ForeignKey(Admin_Registration,on_delete=models.CASCADE,null=True,blank=True)
 YEAR_CHOICES = (("2019-20",'2019-20'),("2020-21",'2020-21'),("2021-22",'2021-22'),)
 academic_year=models.CharField(max_length=20,choices=YEAR_CHOICES,default="")
 join_date=models.DateField(auto_now=True, blank=True)
 sid=models.CharField(primary_key=True,max_length=30)
 admission_num=models.CharField(max_length=30)

 fname=models.CharField(max_length=100)
 mname=models.CharField(max_length=100)
 lname=models.CharField(max_length=100)
 dob=models.DateField(max_length=8)
 GENDER_CHOICES = (("male",'male'),("female",'female'),)
 gender=models.CharField(max_length=10,choices=GENDER_CHOICES,default="")
 BLOOD_GROUP_CHOICES = (("A+",'A+'),("A-",'A-'),("B+",'B+'),("B-",'B-'),("O-",'O-'),("O+",'O+'),("AB+",'AB
+'),("AB-",'AB-'),)
 blood_group = models.CharField(max_length=20,choices=BLOOD_GROUP_CHOICES,default="")
 CATEGORY_CHOICES = (("General",'General'),("MCB",'MCB'),("OBC",'OBC'),("SC",'SC'),("ST",'ST'),("Other"
,'Other'),)
 category=models.CharField(max_length=50,choices=CATEGORY_CHOICES,default="")
 nationality=models.CharField(max_length=100)
 CAST_CHOICES = (("Hindus",'Hindus'),("Muslims",'Muslims'),("Christians",'Christians'),("Sikhs",'Sikhs'),("Jains
",'Jains'),("Other",'Other'),)
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    Cast=models.CharField(max_length=50,choices=CAST_CHOICES,default="")
    aadhar=models.CharField(max_length=12)
    permanent_address=models.TextField()
    present_address=models.TextField()
    city=models.CharField(max_length=100)
    pin=models.CharField(max_length=10)
    mobile=models.CharField(max_length=12)
    email=models.CharField(max_length=100)
    photo=models.ImageField(upload_to='StudentPhotos/',default="")

    father_name=models.CharField(max_length=100)
    father_mobile=models.CharField(max_length=12)
    father_job=models.CharField(max_length=100)
    father_aadhar=models.CharField(max_length=12)

    college=models.CharField(max_length=100)
    qualification=models.CharField(max_length=100)
    college_address=models.TextField()

    course_name=models.CharField(max_length=100)
    batch=models.CharField(max_length=100)
    COURSE_TYPE_CHOICES = (("fashion",'fashion'),("graphics",'graphics'),("fineart",'fineart'),("textile",'textile'),("j
wellery",'jwellery'),("others",'others'),)
    course_type=models.CharField(max_length=200,choices=COURSE_TYPE_CHOICES,default="")

    status=models.CharField(max_length=100,default="Panding")
    last_login=models.DateField(default=timezone.now)
    password=models.CharField(max_length=100,default="")
    cpassword=models.CharField(max_length=100,default="")

    final_fees=models.PositiveIntegerField(default=0)
    remaining_fees=models.PositiveIntegerField(default=0)

    def __str__(self):
     return self.sid+" "+self.mname+" "+self.course_type

class Faculty_Registration(models.Model):
    admin_user=models.ForeignKey(Admin_Registration,blank=True,on_delete=models.CASCADE,null=True)
    faculty_id=models.CharField(primary_key=True,max_length=100)
    joing_date= models.DateField(max_length=8)
    COURSE_TYPE_CHOICES = (("fashion",'fashion'),("graphics",'graphics'),("fineart",'fineart'),("textile",'textile'),("j
wellery",'jwellery'),("others",'others'),)
    department_catagory=models.CharField(max_length=200,choices=COURSE_TYPE_CHOICES,default="")
    qulification = models.CharField(max_length=80)
    total_Experiance=models.CharField(max_length=80)

    # personal details

    first_name= models.CharField(max_length=50)
    middel_name = models.CharField(max_length=50)
    last_name = models.CharField(max_length=50)
    birth_date = models.DateField(max_length=8)
    GENDER_CHOICES = (("male",'male'),("female",'female'),)
    gender=models.CharField(max_length=10,choices=GENDER_CHOICES,default="")
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BLOOD_GROUP_CHOICES = (("A+",'A+'),("A-",'A-'),("B+",'B+'),("B-",'B-'),("O-",'O-'),("O+",'O+'),("AB+",'AB
+'),("AB-",'AB-'),)
blood_group = models.CharField(max_length=20,choices=BLOOD_GROUP_CHOICES,default="")
CATEGORY_CHOICES = (("General",'General'),("MCB",'MCB'),("OBC",'OBC'),("SC",'SC'),("ST",'ST'),("Other"
,'Other'),)
category=models.CharField(max_length=50,choices=CATEGORY_CHOICES,default="")
nationality=models.CharField(max_length=100)
CAST_CHOICES = (("Hindus",'Hindus'),("Muslims",'Muslims'),("Christians",'Christians'),("Sikhs",'Sikhs'),("Jains
",'Jains'),("Other",'Other'),)
Cast=models.CharField(max_length=50,choices=CAST_CHOICES,default="")
aadhar=models.CharField(max_length=12)
salary = models.CharField(max_length=50)

# contect_details

permanent_address=models.TextField()
present_address=models.TextField()
city=models.CharField(max_length=100,default="")
pin=models.CharField(max_length=10,default="")
mobile=models.CharField(max_length=12,default="")
email=models.CharField(max_length=30,default="")
photo=models.ImageField(upload_to='FacultyPhotos/',default="")

    # bank_details

holder_name=models.CharField(max_length=100,default="")
ifsc=models.CharField(max_length=100,default="")
bank_name = models.CharField(max_length=50,default="")
account_no= models.CharField(max_length=50,default="")


status=models.CharField(max_length=100,default="Panding")
last_login=models.DateField(default=timezone.now)
password=models.CharField(max_length=100,default="")
cpassword=models.CharField(max_length=100,default="")

def __str__(self):
 return self.faculty_id


class Student_Inquiry(models.Model):
 admin_user=models.ForeignKey(Admin_Registration,on_delete=models.CASCADE,null=True,blank=True)
 faculty_user=models.ForeignKey(Faculty_Registration,blank=True,on_delete=models.CASCADE,null=True)
 inquiry_num=models.AutoField(primary_key=True)
 inquiry_date=models.DateField(max_length=8)
 full_name=models.CharField(max_length=100)
 dob=models.DateField(max_length=8)
 CHOICES = (("male",'male'),("female",'female'),)
 gender=models.CharField(max_length=200,choices=CHOICES,default="")
 address=models.TextField()
 mobile=models.CharField(max_length=100)
 whatsapp=models.CharField(max_length=100)
 email=models.CharField(max_length=100)
 edu_que=models.CharField(max_length=100)
```

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COURSE_CHOICES = (("fashion",'fashion'),("graphics",'graphics'),("fineart",'fineart'),("textile",'textile'),("jwellery",'jwellery'),("Art & Cart",'Art & Cart'),("PhotoShop",'PhotoShop'),("Corel Drew",'Corel Drew'),("Illustrator",'Illustrator'),("Motifs Design",'Motifs Design'),)
course=models.CharField(max_length=200,choices=COURSE_CHOICES,default="")
REFERENCE_CHOICES = (("Social Media",'Social Media'),("Google",'Google'),("News Paper",'News Paper'),("Others",'Others'),)
reference=models.CharField(max_length=200,choices=REFERENCE_CHOICES,default="")



    def __str__(self):
        return self.inquiry_num


class institute_Detaile(models.Model):
    ins_name=models.CharField(max_length=100)
    ins_id=models.CharField(max_length=100)
    ins_address=models.TextField()
    ins_fb=models.URLField(max_length = 200,blank = True,)
    ins_insta=models.URLField(max_length = 200,blank = True,)
    ins_google=models.URLField(max_length = 200,blank = True,)
    ins_phone=models.CharField(max_length=12)
    ins_email=models.CharField(max_length=100)
    ins_web=models.URLField(max_length = 200,blank = True,)
    logo=models.FileField(upload_to='InstituteLogo/',default="")

    def __str__(self ):
        return self.ins_name

class Event_Registration(models.Model):
    admin_user=models.ForeignKey(Admin_Registration,on_delete=models.CASCADE,null=True,blank=True)
    event_name=models.CharField(max_length=100)
    event_place=models.CharField(max_length=100,default="")
    event_date=models.DateField(max_length=8)
    event_time=models.TimeField(auto_now=False, auto_now_add=False)

    def __str__(self ):
        return self.event_name+" "+self.event_place

class Notice_Registration(models.Model):
    admin_user=models.ForeignKey(Admin_Registration,on_delete=models.CASCADE,null=True,blank=True)
    COURSE_CHOICES = (("fashion",'fashion'),("graphics",'graphics'),("fineArt",'fineArt'),("fextile",'fextile'),("jwellery",'jwellery'),("All",'All'))
    notice_for=models.CharField(max_length=200,choices=COURSE_CHOICES,default="all")
    notice_sub=models.CharField(max_length=100)
    notice_date=models.DateField(max_length=8)
    notice_desc=models.TextField()
    notice_file=models.FileField(upload_to='NoticeFiles/',default="")
    notice_status=models.CharField(max_length=100,default="active")

    def __str__(self ):
        return self.notice_sub+" "+self.notice_for

class StudentFees(models.Model):
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 admin_user=models.ForeignKey(Admin_Registration,on_delete=models.CASCADE,null=True,blank=True)
 student=models.ForeignKey(Student_Registration,on_delete=models.CASCADE,null=True,blank=True)
 installment_no=models.PositiveIntegerField()
 amount=models.PositiveIntegerField()
 payment_date=models.DateField(max_length=8)
 payment_type=models.CharField(max_length=100)
 recipt_no=models.AutoField(primary_key=True)
 fees_invoice=models.FileField(upload_to='FeesInvoice/',default="")

 def __str__(self ):
  return self.student_id

class Submitions_Registration(models.Model):
 faculty_user=models.ForeignKey(Faculty_Registration,blank=True,on_delete=models.CASCADE,null=True)
 admin_user=models.ForeignKey(Admin_Registration,on_delete=models.CASCADE,null=True,blank=True)
 COURSE_CHOICES = (("Fashion",'Fashion'),("Graphics",'Graphics'),("FineArt",'FineArt'),("Textile",'Textile'),("J
wellery",'Jwellery'),("All",'All'))
 course=models.CharField(max_length=200,choices=COURSE_CHOICES,default="all")
 batch=models.CharField(max_length=100)
 subject=models.CharField(max_length=100)
 desc=models.TextField()
 last_date=models.DateField(max_length=8)
 submitions_file=models.FileField(upload_to='SubmitionsFiles/',default="")


 def __str__(self ):
  return self.course+" "+self.subject

class Student_Leave(models.Model):
 student=models.ForeignKey(Student_Registration,on_delete=models.CASCADE,null=True,blank=True)
 full_Name=models.CharField(max_length=100)
 course=models.CharField(max_length=100)
 from_date=models.DateField(max_length=8)
 to_date=models.DateField(max_length=8)
 LEAVE_CHOICES = (("Sick_Leave",'Sick Leave ( 1 to 2 days )'),("Extended_Sick",'Extended Sick Leave'),("Eme
rgency_Leave",'Emergency Leave'),("Long_Leave",'Long Leave'),("Others",'Others'),)
 Leave_catagory=models.CharField(max_length=200,choices=LEAVE_CHOICES,default="")
 Leave_reason=models.CharField(max_length=100)
 Leave_day=models.CharField(max_length=100)
 status=models.CharField(max_length=100,default="Panding_Request")

 def __str__(self ):
  return self.full_Name+" "+self.Leave_reason

class Student_Suggestion(models.Model):
 student=models.ForeignKey(Student_Registration,on_delete=models.CASCADE,null=True,blank=True)
 Student_Suggestion=models.TextField()
 suggestion_date=models.DateField(auto_now=True, blank=True)

 def __str__(self ):
  return self.student.sid

class ELibrary(models.Model):
 faculty_user=models.ForeignKey(Faculty_Registration,blank=True,on_delete=models.CASCADE,null=True)
```

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    admin_user=models.ForeignKey(Admin_Registration,on_delete=models.CASCADE,null=True,blank=True)
    COURSE_CHOICES = (("Fashion",'Fashion'),("Graphics",'Graphics'),("FineArt",'FineArt'),("Textile",'Textile'),("J
    wellery",'Jwellery'),("All",'All'))
    book_for=models.CharField(max_length=200,choices=COURSE_CHOICES,default="all")
    book_title=models.CharField(max_length=100)
    book_link=models.URLField(max_length = 200,blank = True,)
    book_photo=models.FileField(upload_to='ELibraryBookPhoto/',default="")
    book_pdf=models.FileField(upload_to='ELibraryBookPDF/',default="")

    def __str__(self ):
     return self.book_title

class Faculty_Leave(models.Model):
    faculty_user=models.ForeignKey(Faculty_Registration,on_delete=models.CASCADE,null=True,blank=True)
    full_Name=models.CharField(max_length=100)
    department=models.CharField(max_length=100)
    from_date=models.DateField(max_length=8)
    to_date=models.DateField(max_length=8)
    LEAVE_CHOICES = (("Sick_Leave",'Sick Leave ( 1 to 2 days )'),("Extended_Sick",'Extended Sick Leave'),("Eme
    rgency_Leave",'Emergency Leave'),("Long_Leave",'Long Leave'),("Others",'Others'),)
    Leave_catagory=models.CharField(max_length=200,choices=LEAVE_CHOICES,default="")
    Leave_reason=models.CharField(max_length=100)
    Leave_day=models.CharField(max_length=100)
    status=models.CharField(max_length=100,default="Panding_Request")

    def __str__(self ):
     return self.full_Name+" "+self.faculty_user_id

class Student_Schedule(models.Model):
    faculty_user=models.ForeignKey(Faculty_Registration,blank=True,on_delete=models.CASCADE,null=True)
    admin_user=models.ForeignKey(Admin_Registration,on_delete=models.CASCADE,null=True,blank=True)
    from_date=models.DateField(max_length=8,default="")
    to_date=models.DateField(max_length=8,default="")
    from_time=models.TimeField(max_length=8,default="")
    to_time=models.TimeField(max_length=8,default="")
    subject=models.CharField(max_length=100,default="")
    CLASS_CHOICES = (("lab",'lab'),("skeching",'skeching'),("theory",'theory'),("CAD",'CAD'))
    classtype=models.CharField(max_length=200,choices=CLASS_CHOICES,default="")
    batch_nm=models.CharField(max_length=100,default="")
    organizer=models.CharField(max_length=100,default="")


    def __str__(self ):
     return self.batch_nm+" "+self.organizer

class Faculty_Salary(models.Model):
    admin_user=models.ForeignKey(Admin_Registration,on_delete=models.CASCADE,null=True,blank=True)
    faculty_user=models.ForeignKey(Faculty_Registration,on_delete=models.CASCADE,null=True,blank=True)
    MONTH_CHOICES = (("January",'January'),("February",'February'),("March",'March'),("April",'April'),("May",'M
    ay'),("June",'June'),("July",'July'),("August",'August'),("September",'September'),("October",'October'),("November"
    ,'November'),("December",'December'),)
    month=models.CharField(max_length=200,choices=MONTH_CHOICES,default="")
    amount=models.PositiveIntegerField()
    payment_date=models.DateField(max_length=8)
```

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payment_type=models.CharField(max_length=100)
from_date=models.DateField(max_length=8,default="")
YEAR_CHOICES = (("2021",'2021'),("2022",'2022'),("2022",'2022'),)
year=models.CharField(max_length=200,choices=YEAR_CHOICES,default="")
to_date=models.DateField(max_length=8,default="")
recipt_no=models.AutoField(primary_key=True)
salary_invoice=models.FileField(upload_to='SalaryInvoice/',default="")

    def __str__(self ):
     return self.faculty_user_id

class Student_Attendence(models.Model):
 admin_user=models.ForeignKey(Admin_Registration,on_delete=models.CASCADE,null=True,blank=True)
 faculty_user=models.ForeignKey(Faculty_Registration,on_delete=models.CASCADE,null=True,blank=True)
 student=models.ForeignKey(Student_Registration,on_delete=models.CASCADE,null=True,blank=True)
 take_date=models.DateField(max_length=8,default="")
 batch=models.CharField(max_length=100)
 late_arrival=models.CharField(max_length=100)
 ap=models.CharField(max_length=100)

    def __str__(self ):
     return self.student_id
class Student_Certificate(models.Model):
 admin_user=models.ForeignKey(Admin_Registration,on_delete=models.CASCADE,null=True,blank=True)
 student=models.ForeignKey(Student_Registration,on_delete=models.CASCADE,null=True,blank=True)
 grade=models.CharField(max_length=10,default="")
 take_date=models.DateField(max_length=8,default="")

    def __str__(self ):
     return self.student_id
```

```python
from django.contrib import admin
from .models import Notice_Registration,Student_Certificate,Student_Schedule,Student_Attendence,Faculty_Salary
,Faculty_Leave,Faculty_Registration,ELibrary,Submitions_Registration,Student_Suggestion,Student_Registration,S
tudent_Inquiry,Admin_Registration,institute_Detaile,Event_Registration,StudentFees,Student_Leave
# Register your models here.
admin.site.register(Student_Registration)
admin.site.register(Student_Inquiry)
admin.site.register(Admin_Registration)
admin.site.register(institute_Detaile)
admin.site.register(Event_Registration)
admin.site.register(StudentFees)
admin.site.register(Notice_Registration)
admin.site.register(Submitions_Registration)
admin.site.register(Student_Leave)
admin.site.register(Student_Suggestion)
admin.site.register(ELibrary)
admin.site.register(Faculty_Registration)
admin.site.register(Faculty_Leave)
admin.site.register(Student_Schedule)
```

```
admin.site.register(Faculty_Salary)
admin.site.register(Student_Attendence)
admin.site.register(Student_Certificate)
```