E-CURRICULAR

INTRODUCTION

- Every year, Punjab Engineering College hosts a variety of events in order to ensure an overall development of the students.
- For extra-curricular events, Punjab Engineering College has 11 Cultural Clubs, 10 Technical societies, NCC, NSS and Sports for their students.
- Each student has to participate in different clubs/societies all around the year or choose to work in one dedicatedly which they can offer as their proficiency.
- Further, based on this, students are also awarded the institute honours namely COA (2nd yr), COE (3rd yr) and Institute Colors (4th yr).

BACKGROUND RESEARCH

- Management of Events in College level
- Division of responsibilities at Club/Society level
- Role of Officer In-charge
- Process of sanctions & Sponsorships
- Criteria for Proficiency
- Criteria for the award of COA, COE AND INSTITUTE COLORS.

PROBLEM STATEMENT

- Huge amount of manual work
- Extreme wastage of paper
- Error-prone calculations
- Accumulation of work at the end of the academic year
- Dependence on secretaries for Grades
- No procedure to report Sponsorships
- Extreme delay in results
- No record of participation/organization/attendance

AIMS & OBJECTIVES

- The primary objective of E-Curricular is to provide a user-friendly and automated system for managing the entire lifecycle of extracurricular activities awards within the institute.
- The objectives include:
    - Streamline the Application process
    - Enhance the verification process
    - Enable Efficient Evaluation
    - Facilitate Committee Decision-Making
    - Generate Comprehensive Reports

LITERATURE REVIEW

- Research on Academic Systems
- Common Themes and Trends in Research on Academic Systems
    - Integration of Technology
    - Student Performance and Success
    - Challenges in System Integration
    - User Experience and Satisfaction
    - Continuous Improvement and Adaptability

COMPARISON WITH OTHER PLATFORMS-

- Comparison with Superset
- Comparison with E-Akademic
- Comparison with PEC Website
- Comparison with CDGC Repository

TECHNOLOGY STACK

- MongoDB
- Django
- Djongo
- HTML, CSS & JavaScript

REJECTED TECHNOLOGIES

- Firebase
- Firestore
- React
- SQL

E-CURRICULAR INTERFACE

LOG IN WITH DOMAIN OTHER THAN pec.edu.in

LOG IN WITH PEC ID NOT IN DATABASE

lavanyasharma.bt19ele@pec.edu.in is not authenticated. Please contact DSA office.

E-Curricular
A one step platform for all Administrative Management

G Login with @pec.edu.in

Important Links

Academic Calendar
Undergraduate Programmes
Postgraduate Programmes
Doctoral Programmes
Rules & Procedures

Notices

Notification regarding Registration for 2022-2023-2 Semester — Download Notice

Registration of UG 3rd year students for 6th semester (22-23-2 semester) — Download Notice

Notification regarding the Student (Batch-2021) awarded with Full Free ship on the tution fees including hostel fee for the session 2022-2023 under BPL Category — Download Notice

Under the guidance of Dr Neena Gupta

Punjab Engineering College (Deemed to be University), Sector 12, Chandigarh, 160012

STUDENT PROFILE

Lavanya Sharma
19105118

Dashboard

Organized Events

Participated Events

Log Out

Lavanya Sharma

SID: 19105118

Branch: Electronics & Communication Engineering

Proficiency: DRAMATICS

```
sid: "19105118"
name: "Lavanya Sharma"
email: "lavanyasharma.bt19ele@pec.edu.in"
prof: "DRAMATICS"
▸ events_organization: Array
▸ events_participation: Array
points: "42"
branch: "Electronics & Communication Engineering"
▸ events_awards: Array
```

STUDENT FUNCTIONALITIES

Lavanya Sharma
19105118

Dashboard

Organized Events

Participated Events

Log Out

Organized Events

Event Name	Event Date
Encore	02-05-2020
Dastak	02-11-2021
Chords	05-12-2021
Raunakaan	06-05-2022
Inter Lude	12-04-2023

Lavanya Sharma
19105118

Dashboard

Organized Events

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Raunakaan	06-05-2022
Inter Lude	12-04-2023

OI/SECRETARY DATABASE

dsa-app

dsa_email

events

secy_email

societies

students

Find   Indexes   Schema Anti-Patterns 0   Aggregation   Search Indexes
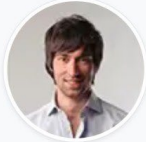
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QUERY RESULTS: 1-1 OF 1

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    0: "aabhaschopra.bt19el@pec.edu.in"
    1: "annchitbhatnagar.bt19meh@pec.edu.in"
    2: "lavanyasharma.bt19ele@pec.edu.in"
    3: "cim@pec.edu.in"
    4: "eeb@pec.edu.in"
    5: "music@pec.edu.in"
    6: "scc@pec.edu.in"
    7: "wec@pec.edu.in"
    8: "pdc@pec.edu.in"
    9: "saasc@pec.edu.in"
    10: "apc@pec.edu.in"
    11: "heb@pec.edu.in"
    12: "drams@pec.edu.in"
    13: "rotaract@pec.edu.in"

OI / SECRETARY PROFILE

Music

Dashboard

Add Event

View Proficiency Students

Download All Members of Club

Log Out

Encore

This event was organised marking the fresher's reception of the college an...

Chords

The event runs through 3-4 days and in 2-3 phases. In the first phase, the local...

Aagaz is an exhilarating dance event that sets the stage on fire with its electrifying performances and pulsating energy. this annual extravaganza brings together talented dancers from various disciplines, showcasing the creativity, skill, and passion for dance.

Organizers	Participants
19105118	19105118
19105116	19106456
19105112	20234589
19103045	19105115
19104029	

Sanction

3500

Sponsorship

2000

College Level

PEC and other institutes

Date

11-05-2023

OI/SECRETARY - view of each student

Lavanya Sharma
19105118

Dashboard

Organized Events

Participated Events

Log Out

Lavanya Sharma
SID: 19105118
Branch: Electronics & Communication Engineering
Proficiency: DRAMATICS

Lavanya Sharma
19105118

Dashboard

Organized Events

Participated Events

Log Out

Participated Events

Event Name	Event Date
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Chords	05-12-2021
Raunakaan	06-05-2022
Inter Lude	12-04-2023

OI/SECRETARY - view proficiency

MUSIC CLUB

Dashboard

Add Event

View Proficiency Students

Download All Members of Club

Log Out

SHASHWAT RASTOGI
20101027

HARSH DUTT
20103033

ANMOL
20103054

ARYAN VIMAL
20104050

SAURABH GARG
20104072

SANKET KUMAR SINGH
20104137

ANJALI
20105052

ISHROOP KAUR
20107006

AKSHIT RATTAN
20107026

ANIKET DEY
20107032

ARYAN VERMA
20107058

GUPTESH JAIN
20107076

NIKITA JAIN
20108056

YAMINI DHAWAN
20109016

MUSIC CLUB

Dashboard

Add Event

View Proficiency Students

Log Out

Event Name

Name of the event

Event Date

dd-mm-yyyy

Event Description

Describe the event

Greater than 250 participants?

Yes

Sanction Received from College

₹ | Amount

Sponsorship if Any

₹ | Amount / in-kind

Event Level

PEC and other institutes

Upload Excel File of Organisers' SIDs

(all the SIDs should be in the first column and it should be titled 'SID')

Choose File | No file chosen

Upload Excel File of Participants' SIDs

(all the SIDs should be in the first column and it should be titled 'SID')

Choose File | No file chosen

Upload Excel File of Awardees' SIDs

(all the SIDs should be in the first column and it should be titled 'SID')

Choose File | No file chosen

Upload a "Square" Poster for the Event (if available)

Choose File | No file chosen

Submit

name: "Chitrahaar"
club_name: "DRAMATICS"
description: "A captivating theater event that invites you to embark on a magical vo…"
▼ event_organization: Array
    0: "19105118"
    1: "19105116"
    2: "19105112"
    3: "19103045"
    4: "19104029"
▶ event_participation: Array
▶ event_awards: Array
participants_greater_than_250: "Yes"
event_id: "DRAMATICS23004"
sanction: "10000"
sponsorship: "NA"
college_level: "PEC and other institutes"
date: "23-07-2022"

sid: "19105118"
name: "Lavanya Sharma"
email: "lavanyasharma.bt19ele@pec.edu.in"
prof: "DRAMATICS"
▼ events_organization: Array
    0: "PEB23006"
    1: "DRAMATICS23001"
    2: "DRAMATICS23002"
    3: "DRAMATICS23004"
▼ events_participation: Array
    0: "PEB23006"
    1: "DRAMATICS23001"
    2: "DRAMATICS23002"
    3: "DRAMATICS23003"
    4: "DRAMATICS23004"
points: "42"
branch: "Electronics & Communication Engineering"
▼ events_awards: Array
    0: "DRAMATICS23001"
    1: "DRAMATICS23002"
    2: "DRAMATICS23003"

DSA/CCS PROFILE

DSA Dashboard   Logout

Click here to add a
New Event

View all the Clubs

View Students List

Download List of
Students of Various
Clubs

**dsa_email**

events

secy_email

societies

students

Filter

Type a query: { field: 'value' }

QUERY RESULTS: **1-1 OF 1**

_id: ObjectId('6448e8aa7a9e308e6441a4e8')
emails: Array
    0: "aabhaschopra.btl9ele@pec.edu.in"
    1: "annchitbhatnagar.btl9mech@pec.edu.in"
    2: "lavanyasharma.btl9eele@pec.edu.in"
    3: "mineeshabrar.btl9ece@pec.edu.in"
    4: "tanzeelurrehman.btl9ece@pec.edu.in"
    5: "ritikasharma.btl9meta@pec.edu.in"
    6: "abhishekjain.btl9meta@pec.edu.in"

DSA- Clubs view
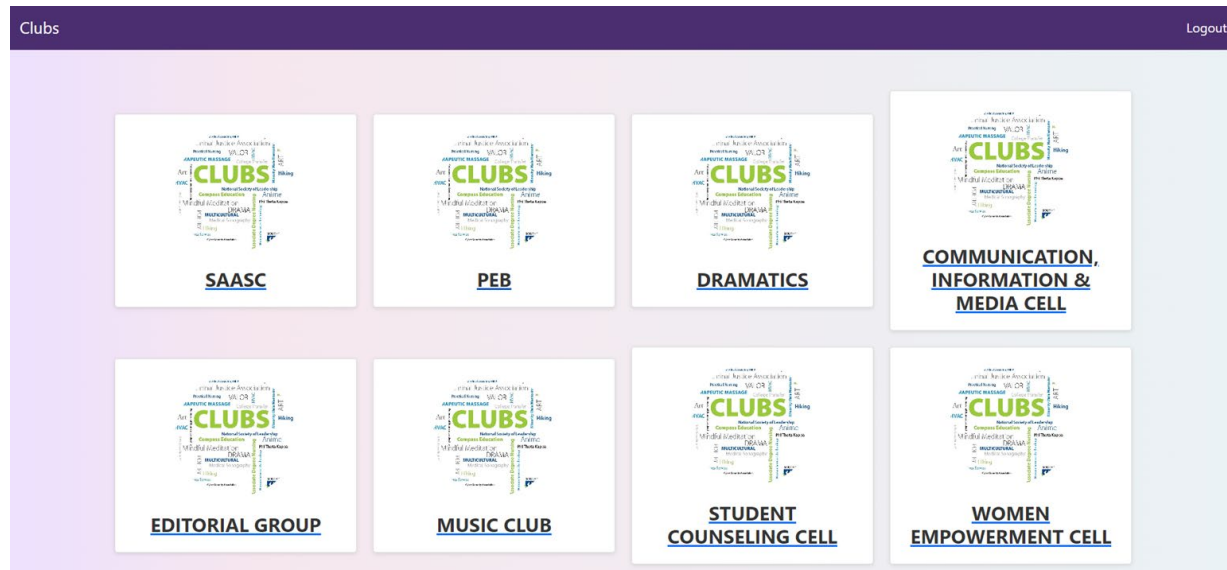
DSA/CCS - view students list

View Students

Electronics & Communication Engineering 2024

View Students Grouped by Branch, Year

Batch of 2024
- Metallurgical and Materials Engineering
- Electronics & Communication Engineering
- Aerospace Engineering
- Mechanical Engineering
- Production & Industrial Engineering
- Civil Engineering
- Computer Science & Engineering
- Electrical Engineering

Batch of 2023
- Metallurgical and Materials Engineering
- Electronics & Communication Engineering
- Aerospace Engineering
- Mechanical Engineering
- Production & Industrial Engineering
- Civil Engineering
- Computer Science & Engineering
- Electrical Engineering

| SUMANYA GUPTA | KARUN | AAKASH ARORA | AAKASH ARORA |
| 20105001 | 20105002 | 20105003 | 20105003 |

| OMKAR SINGH SANDHU | AKSHAT KUMAR | AKSHAT KUMAR | DANISH CHOPRA |
| 20105004 | 20105005 | 20105005 | 20105006 |

| YUGANK ANCHAL | AGRIM GUPTA | ANISH UPPAL | ARYAN GARG |
| 20105007 | 20105008 | 20105009 | 20105010 |

| KRITI MAHAJAN | SAMEER GARG | NIGAYIA GARG | MUKUL BANSAL |
| 20105011 | 20105012 | 20105013 | 20105014 |

| RAHUL SHARMA | ROHAN NARULA | JASKIRAT KAUR | RAGHAV SHARMA |
| 20105015 | 20105016 | 20105017 | 20105018 |

DSA/CCS - add event

Gives the CSS and the DSA an option to add new events with all the necessary information in case of events that don't fall under any club's category, like independence day event or outside college events.

Such events will be taken into calculation for COA / COE criteria of marking

Analysis of the Project

Criteria of NAAC RAF - Revised Accreditation Framework

01 — Revamping the Curriculum, Pedagogy, Assessment, and Student Support

02 — Teaching, Learning, and Evaluation

03 — Research and Innovation

04 — Infrastructure and Learning Resources

05 — Student Support and Progression

06 — Governance Leadership and Management

07 — Institutional Values and Best Practices
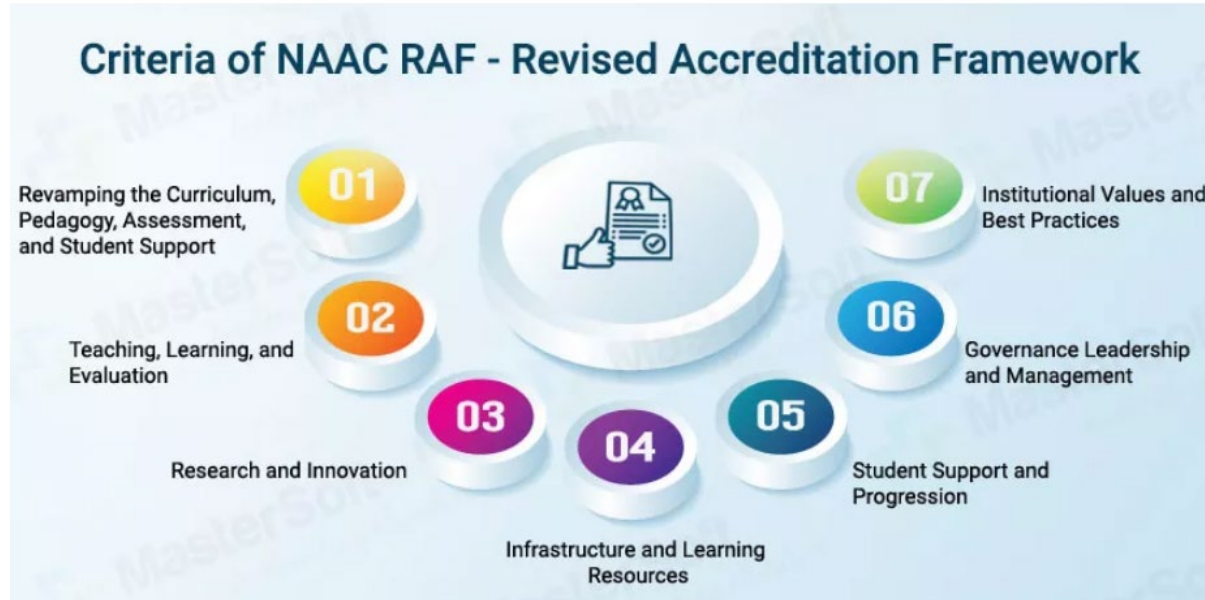
Future Scope

1) Integration with Student Profiles
2) Integration with departments
3) Hosting the website
4) User Interface enhancements
5) Analysis and Reporting of the participation
6) Leaderboard and achievements
7) Feedback and Ratings