Marwadi University
Marwadi Chandarana Group

Marwadi University
Faculty of Technology
Department of Information and Communication Technology

Dt. 01-07-2018

Student Council Office Order

Sub: Appointing the core committee members for Competitive Programming Club

Engineering shouldn't be limited to academics, and those with a passion to learn new things thrive for a community with support and guidance. Students' oriented clubs of Department of Information and Communication Technology, Marwadi University, continuously strives to develop theleadership and technical skills among the students.

We are thrilled to appoint the following students for Competitive Programming Club. These individuals have demonstrated exceptional skills, passion, and dedication that are demanded by the fundamentals of this club, and we are excited to have them join as a team.The tenure of their operation will be till *30-06-2019*.

Core Committee Members	Role
1. Marlin Shah	Convenor
2. Nipun Parekh	Dy. Convenor
3. Hit Bhalodiya	General Secretary
4. Josh Trivedi	Event Co-ordinator

We would like to extend our congratulations and welcome to these individuals, and we look forward to working with them in the coming months. We are confident that the new members will bring fresh perspectives, valuable insights, and exceptional talents to our club.

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Roles and Responsibilities of Student Council

Roles of Club Core Committee Members:

Convenor: The convenor coordinates all activities of the club and assigns responsibilities to individual members of the club. The convenor keeps records of Executive Committee meetings. The president may represent the society at program outside the club.

Dy. Convenor: The Dy. Convenor maintains the records of memberships, processes membership applications with advice from the Convenor. Dy. Convenor will assist convenor, in performing the duties. Any conflicts, if prevails, Dy. Convenor is the first point of contact. In absence of convenor, the Dy. Convenor may take responsibility of the Convenor.

General Secretary: General Secretary has responsibility to circulate any agenda among members. He/she is responsible to look after the financial matters and resolve the monetary conflicts, if prevails. General secretary helps Dy. Convenor to maintain the records of memberships, processes membership application

Event Coordinator: The General Secretary also has the responsibility of advertising the activities of the club. The event coordinator has the responsibility to decide the event conduction and with approval of Convenor and Dy. Convenor, they need to finalize the schedule of the event. The event coordinator is responsible for overall smooth deliverables of the session and other responsibilities for managing the event

Apart from all the roles, each core committee member is responsible for the smooth conduction of the activities with high technical content and satisfaction ratio. Pseudo Core committee members should help in smooth conduction of the activities that will attain the overall goal of the club.

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Responsibilities of Committee Members:

1. This is a student-oriented club; hence the entire functioning is required to be carried out by the student's core committee members in-consultation with faculty coordinator.
2. The activities should be planned with the final aim of the participants to gain the knowledge apart from the academic course content and involve in getting placed at dream-level companies
3. There should be plan-out of atleast 12 hands-on training sessions with 4+ expert talks and hackathon event to be conducted within the club as well as through-out the university.
4. Club committee is liable to extend the hands of support and help to the students who are engaging in different levels of fellowships/hackathon/other competitive activities.
5. A year-planned list of events and involving activities is to be submitted to the Club Coordinator within 15-days of the receipt of the letter of recommendation.
6. Each activity report is to be submitted by the *Convenor* of the club to the Club coordinator in-consultation with the faculty coordinator, within 7 days of the event conduction.
7. The date of the activity needs to be informed to the club coordinator before 5 days, to make sure that maximum number of students gets the advantage of the club and possess minimum clashes among different clubs' activities.
8. The core committee is liable to get the "certificate of appreciation" only based on their contribution and active participation in smooth conduction of the activities of the club.
9. The club is meant to engage and motivate each students for the training and competition. Hence, no personal offence for the participants should be done directly/indirectly by the core committee members.
10. The faculty coordinator in consultation with club coordinator and HoD of the department, can debarred the member from the core committee, if found to violate the rules and regulations of the club or incase of any unethical means.
11. It is the role of the club core committee members to motivate the students by regularly giving them recognition tags/badges/awards with consultation of the faculty coordinator, club coordinator and HoD of the department.

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Competitive Programming Club

Club Objectives:

The competitive coding club has been established to create the awareness about the importance of programming and to explore the areas where programming is used. Students will be trained in different aspects like learning to develop logic, prepare for placements, exploring the concepts taught in class even further. Student does need to be an expert in any field, they can start from wherever they are and keep improving.

Club Outcomes:

1. To provide platform to the students and community to learn, shape, and network, bringing them together with industry experts and allowing them to engage in healthy competition.
2. Swift exchange of ideas, information, and knowledge pertaining to Programming among club members that equips the students for the professional skills and tools.
3. Ensure that every student is continuously learning and growing in the domain of programming and is able to apply the skills on online coding contests.
4. To provide hands-on experience through, discussion, events, and guest speakers in the area of programming.
5. To help students to grasp the different concepts of programming and is able to use it wherever necessary without any difficulty.

Activities:

- Fundamentals of programming.
- Fundamentals of Objected Oriented Programming.
- Pattern Programming
- How to deal with different types of errors.
- Introduction to Git and Github.
- Fastest finger first type quiz.
- Code Tracing.
- Different types of coding and algorithm paradigms.
- Coding using MVC Architecture.
- Role-playing data structure operations activity.

Note: Atleast 05 activities will be carried out based on the targeted students and their current level of learning of curriculum.

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Benefits to the members:

1. Workshops and Hands-On training Sessions
2. Mentoring
3. Hackathon/Competition Supports
4. Interactions with experts
5. Placement supports

Skills to Master:

Fundamentals of programming, Object-Oriented Programming, Data Structures, Algorithms, Different types of programming paradigms, Adapt to different languages easily, Reading documentation.

Registration Fee:

Each aspiring student needs to pay Rs. 100 as an annual membership fee that will serve as the contribution in conducting the club activities with prize distributions and other motivations.

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Student List for Competitive Programming Club

Sr no.	Enrollment No.	Student Name	Semester
1.	91700133038	Kaushal Parimalbhai Doshi	3
2.	91700133037	Neha Hitendrabhai Dhabha	3
3.	91700133036	Bansi Hasmukhbhai Thummar	3
4.	91700133035	Jay Maheshkumar Solanki	3
5.	91700133034	Nipun Dipenbhai Parekh	3
6.	91700133032	Harshal Maheshbhai Faldu	3
7.	91700133026	Manharsinh Janaksinh Jadeja	3
8.	91700133025	Bansal Sureshbhai Vaishnav	3
9.	91700133024	Denishkumar Dhirajbhai Akabari	3
10.	91700133017	Nisarg Himanshubhai Satani	3
11.	91700133015	Param Upendrabhai Teraiya	3
12.	91700133014	Hitarth Nileshbhai Thaker	3
13.	91700133013	Abhi Vallabhbhai Kevadiya	3
14.	91700133011	Devanshi Vipulbhai Joshi	3
15.	91700133010	Dhanraj Devisingbhai Bhedi	3
16.	91700133009	Marlin Shah	3
17.	91700133008	Nikita Rajendrabhai Mangwani	3
18.	91700133007	Jaydeep Jayantibhai Sojitra	3
19.	91700133006	Vidita Jigneshbhai Dahiya	3
20.	91700133005	Yesha Hiteshkumar Karathiya	3
21.	91800133046	Soham Nalinbhai Patel	1
22.	91800133045	Josh Trivedi	1
23.	91800133044	Rutvik Kamleshbhai Haripara	1
24.	91800133043	Jaydeep Rambhai Kuchhdiya	1
25.	91800133041	Kinnaree Atulbhai Parsana	1
26.	91800133040	Yashkumar Shaileshbhai Patel	1
27.	91800133039	Harshkumar Jayeshbhai Amipara	1
28.	91800133038	Jay Jayeshbhai Savlani	1
29.	91800133037	Saloniben Kirtikumar Mamtora	1
30.	91800133036	Sawan Divyeshkumar Rathod	1
31.	91800133035	Bhumiben Yogeshkumar Raval	1
32.	91800133034	Ridhdhi Dilipbhai Darji	1

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33.	91800133033	Kiran Tanwani	1
34.	91800133032	Aayushi Divyeshbhai Pandya	1
35.	91800133031	Urvesh Dineshbhai Domadiya	1
36.	91800133030	Abhishek Hasmukhbhai Garala	1
37.	91800133029	Kevin Hiteshbhai Padariya	1
38.	91800133028	Mihir Atulbhai Vaghasiya	1
39.	91800133027	Krupal Bakulbhai Jivrajani	1
40.	91800133026	Harsh Manishbhai Siddhapura	1
41.	91800133025	Yashkumar Bhensdadiya	1
42.	91800133024	Karan Hemal Doshi	1
43.	91800133023	Hit Kumar Bhalodia	1

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Activity: Long Hour Coding

- As part of innovation and initiatives in diversity of course and pedagogy, ICT department have a motto of teaching as "Learning by doing". All practical subjects are taught in laboratory for doing parallel practical demonstration by faculty and practical exercise by students.
- For Example

Introduction to C programming (SEM-I)	C programs and exercise, Graphical Projects
Foundation skills in sensor interfacing (SEM-I)	Sensor based practical teaching in lab
ICT Workshop (SEM-I)	Hands On practice in assembling, interconnecting, testing and repairing of electronic components.
Basics Of electronics engineering (SEM-I)	Practical learning of analog and digital electronics.
Digital Electronics (SEM-II)	To simply, analyze and design various digital electronic circuits, subject is taught in laboratory.
Introduction to R and R studio (SEM-II)	Data Manipulation, Data Visualization, advance data analytics, data mining using R.
Object Oriented Programming (Java – SEM-II)	Learning in laboratory, GUI Project
Data Structure & Algorithm (SEM-III)	Learning in laboratory
Design Engineering (SEM-III)	Learning to explore new ideas by analyzing real world problems
Problem solving using python (SEM-IV)	Learning in laboratory

Long Hour Coding

Students are given specific tasks of specific subject, they will have to complete it in given time duration. With this concept students are able to learn the different concepts including syllabus and beyond the syllabus by doing hand-on Practical exercises.

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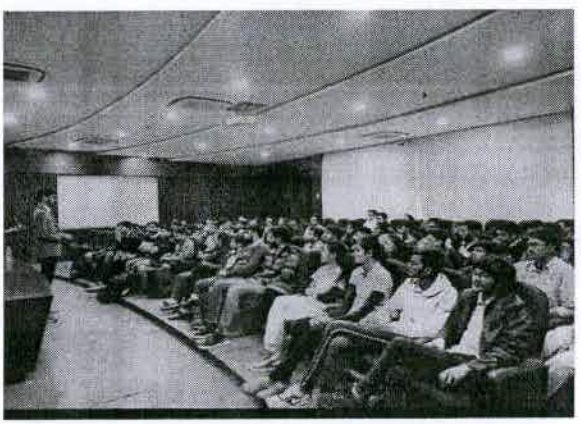
- To enhance diversity in provided course ICT department offers different MOOC courses. Students will learn concepts through online platform and their Certification can earn some credit for the specific subject which can be mapped to semester offered subjects.
- Different workshop has been arranged like
  - Quartos
  - Swing Java GUI
  - Patent Search & Apply




Activity: Hackathon

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Objective

The main objective of Hackathon is to generate high-value actionable Technological ideas and product concepts. But a hackathon should also boost the innovation culture and further establish the idea-sharing, effective collaboration and creativeness driven by enthusiasm towards a shared goal.

General guidelines

For Academic Year 2018-19, 4 team participated in Smart Gujarat Hackathon.

Activity Proof:

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