



**MAR ATHANASIOS COLLEGE FOR ADVANCED STUDIES TIRUVALA  
(MACFAST)**

**Thiruvalla - 689101**

**MACFAST**<sup>TM</sup>  
Igniting wisdom since 2001

**Report on**  
**MACFAST Information System (MIS)**  
**ERP Software custom made for MACFAST**

**Faculty Coordinator : Dr. Nishad PM,**

**Associate Professor**

**Department of Computer Applications**

**MACFAST**

The MACFAST Information System (MIS) is a platform that allows for the management of academic and administrative activities on a single platform. MIS provides user-friendly dashboards with login access for teachers, non-teaching staff, students, and management personnel of our institution. MIS has several benefits such as Efficient work flow, reduced communication and printing costs, overall student attendance improvement, administrative control and single window for all kind of information any time any place, The modules of MIS are highly integrated. All the modules are easy to use. All the reports generated by the system could be viewed at user's convenience.

MIS has modules to manage Timetable, Attendance, Admissions, Profile for both student and staff, internal Exams, university exam, minutes, and many more. It has a fully-fledged Human Resource management. There is an internal messaging system within MIS without integration off external communication tools.

#### **Faculty Coordinators**

1. Dr. Nishad PM
2. Dr. Blessan Santhosh George

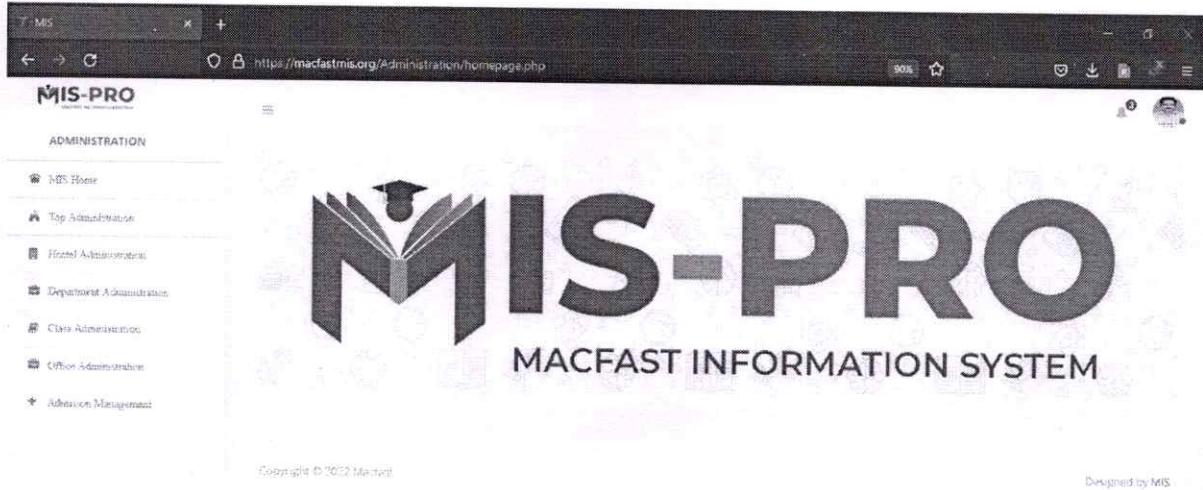
#### **Student Team Members**

1. Jito J Thomas Vaidyan
2. Renju R
3. Balu R Kumar
4. Jisha M Varghese
5. Vineesh V
6. Abin Thomas Mathew

*Dr. Nishad PM  
Faculty Coordinator*

**Screenshots of the software system of different modules**

**1. Module on Administration**

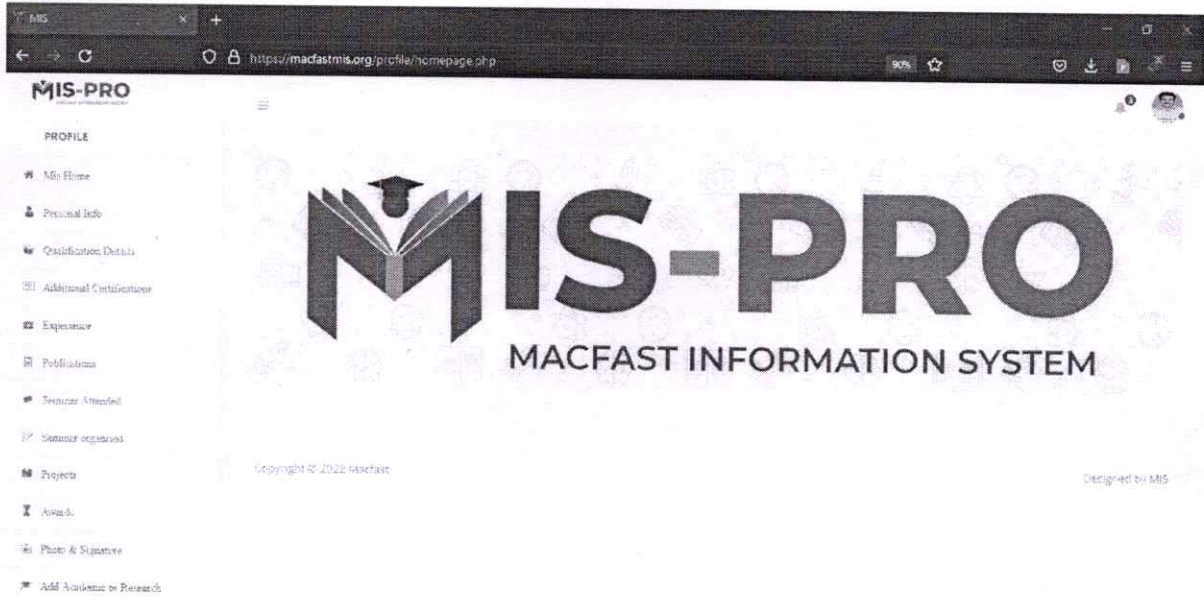


**2. Module for Top Administration**





### 3. Module for Personal Profile



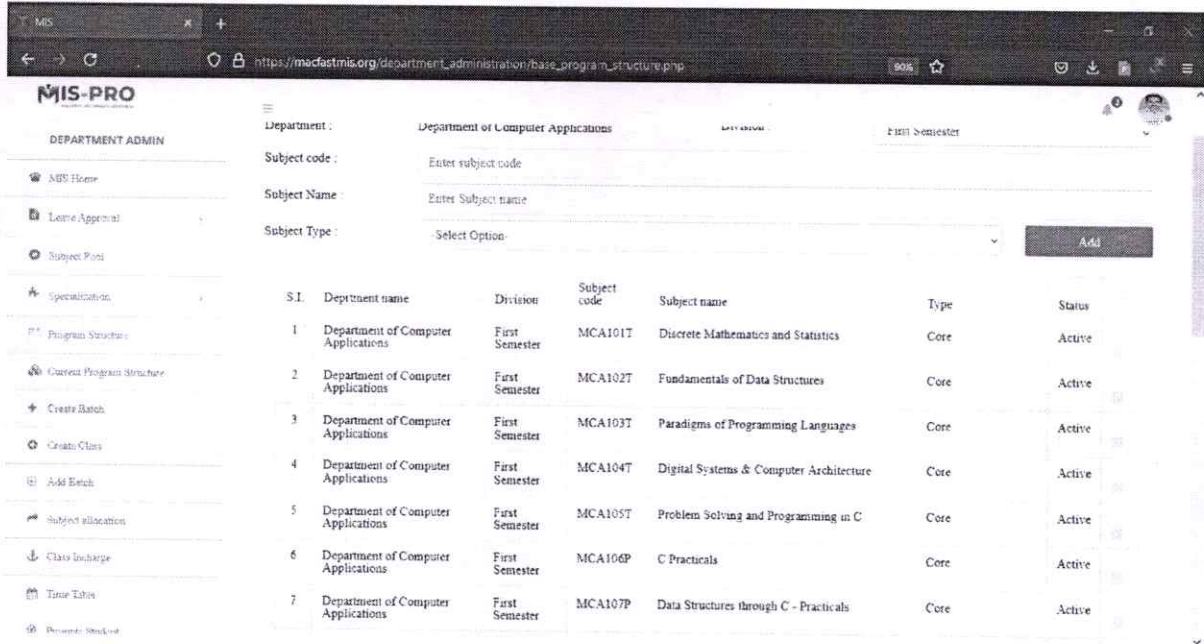
The screenshot shows the 'MIS-PRO' Personal Profile module. The browser address bar displays 'https://macfastms.org/profile/homepage.php'. The page features a large 'MIS-PRO MACFAST INFORMATION SYSTEM' logo. On the left, a navigation menu lists various profile sections: Profile, My Home, Personal Info, Qualification Details, Additional Certifications, Experience, Publications, Seminar Attended, Seminar organized, Projects, Awards, Photo & Signature, and Add Academic or Research. The main content area includes a copyright notice 'Copyright © 2022 macfast' and a design credit 'Designed by MIS'.

### 4. Admission



The screenshot displays the 'MIS-PRO' Admission module. The browser address bar shows 'https://macfastms.org/admission/homepage.php'. The interface includes a navigation menu on the left with options like My View, Home, Student List, Institute, Admission Summary, Raw List, Seat List, Fee, Report, Bank Accounts, Class Allocation, Attendance, Migration, Report, and Application Setup. The main area features a filter section for Department, Program, Year, and Job. Below the filters, there are two line graphs: 'Total Applications' and 'Admission Summary', both showing an upward trend from 2018 to 2021. The graphs show a steady increase in the number of applications and admissions over the four-year period.

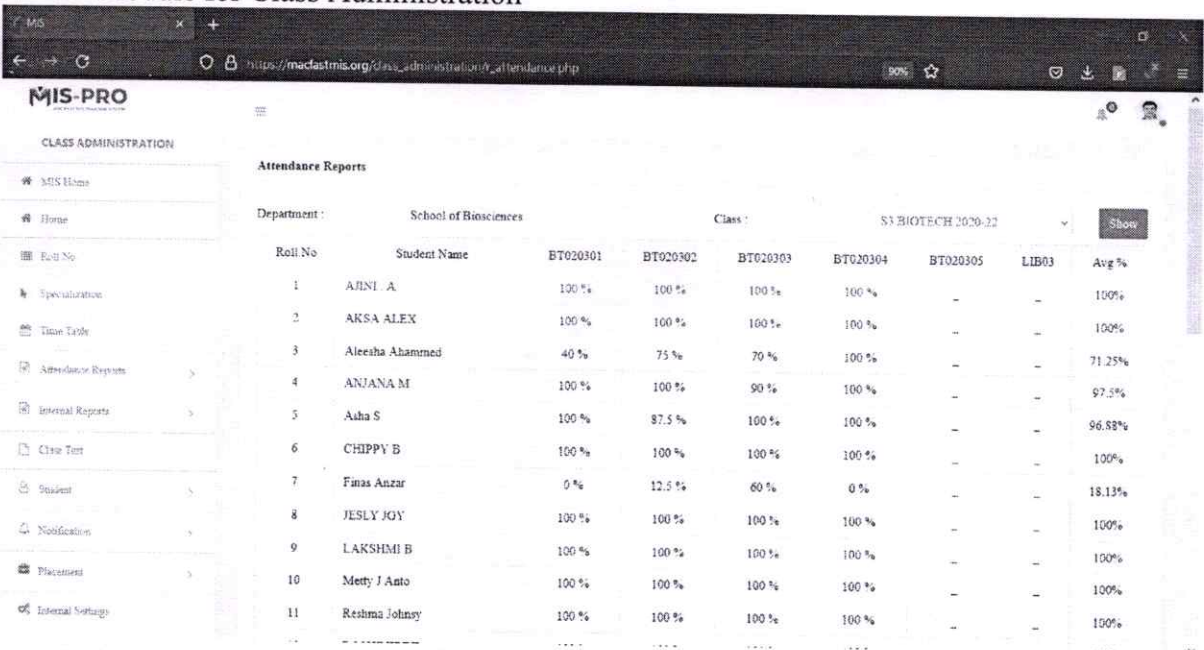
### 5. Module for Department Administration



The screenshot shows the MIS-PRO Department Administration interface. On the left is a sidebar menu with options like MIS Home, Home Approval, Subject Pool, Specialization, Program Structure, Current Program Structure, Create Batch, Create Class, Add Batch, Subject Allocation, Class Incharge, Time Table, and Parents Stock-out. The main area has a form for adding a new subject with fields for Department (Department of Computer Applications), Subject code, Subject Name, and Subject Type. Below the form is a table listing existing subjects.

S.I.	Department name	Division	Subject code	Subject name	Type	Status
1	Department of Computer Applications	First Semester	MCA101T	Discrete Mathematics and Statistics	Core	Active
2	Department of Computer Applications	First Semester	MCA102T	Fundamentals of Data Structures	Core	Active
3	Department of Computer Applications	First Semester	MCA103T	Paradigms of Programming Languages	Core	Active
4	Department of Computer Applications	First Semester	MCA104T	Digital Systems & Computer Architecture	Core	Active
5	Department of Computer Applications	First Semester	MCA105T	Problem Solving and Programming in C	Core	Active
6	Department of Computer Applications	First Semester	MCA106P	C Practicals	Core	Active
7	Department of Computer Applications	First Semester	MCA107P	Data Structures through C - Practicals	Core	Active

### 6. Module for Class Administration

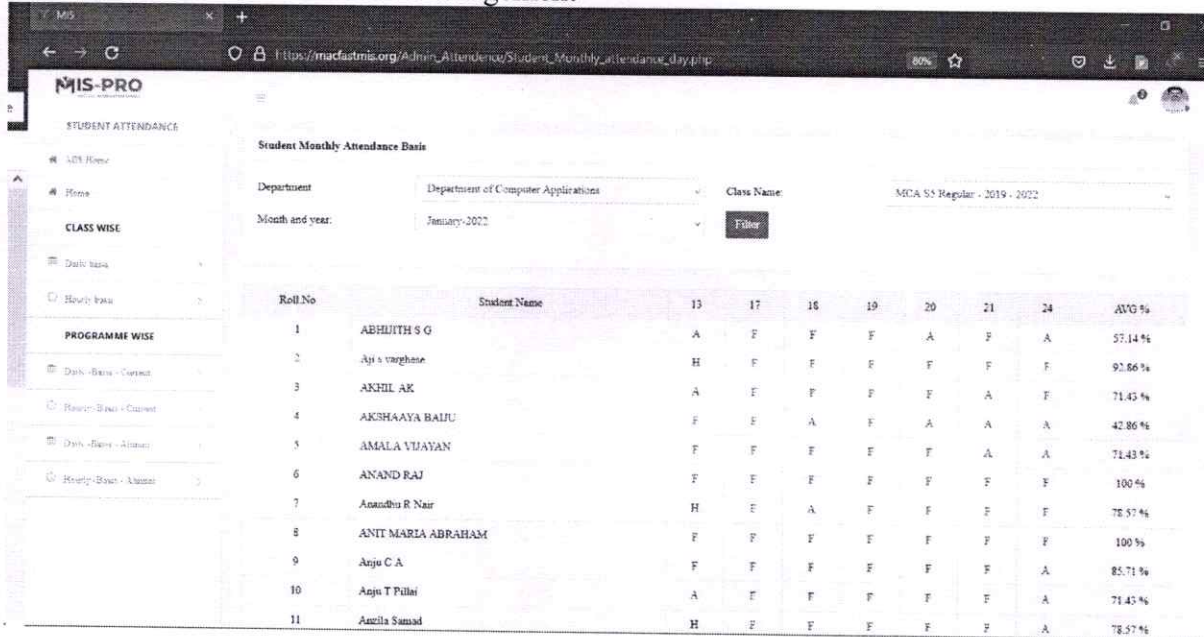


The screenshot shows the MIS-PRO Class Administration interface. The left sidebar menu includes MIS Home, Home, Roll No, Specialization, Time Table, Attendance Reports, Internal Reports, Class Test, Student, Notification, Placement, and Internal Settings. The main area displays 'Attendance Reports' for the Department of School of Biosciences and Class S3 BIOTECH 2020-22. A table shows attendance percentages for various subjects for 11 students.

Roll No	Student Name	BT020301	BT020302	BT020303	BT020304	BT020305	LIB03	Avg %
1	ARINI A	100 %	100 %	100 %	100 %	-	-	100%
2	AKSA ALEX	100 %	100 %	100 %	100 %	-	-	100%
3	Aleesha Ahamed	40 %	75 %	70 %	100 %	-	-	71.25%
4	ANJANA M	100 %	100 %	90 %	100 %	-	-	97.5%
5	Asha S	100 %	87.5 %	100 %	100 %	-	-	96.88%
6	CHIPPY B	100 %	100 %	100 %	100 %	-	-	100%
7	Finas Anzar	0 %	12.5 %	60 %	0 %	-	-	18.13%
8	JESLY JGY	100 %	100 %	100 %	100 %	-	-	100%
9	LAKSHMI B	100 %	100 %	100 %	100 %	-	-	100%
10	Metty J Anto	100 %	100 %	100 %	100 %	-	-	100%
11	Reshma Johny	100 %	100 %	100 %	100 %	-	-	100%



### 7. Module for Attendance Management



**STUDENT ATTENDANCE**

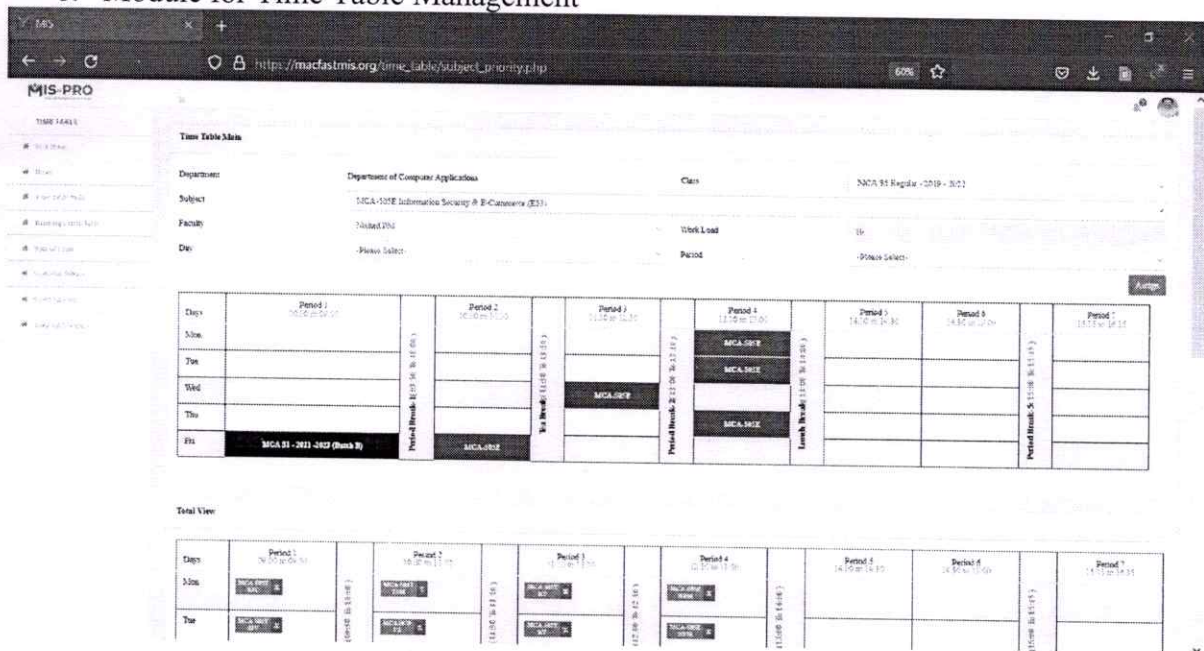
Student Monthly Attendance Basis

Department: Department of Computer Applications    Class Name: MCA SS Regular - 2019 - 2022

Month and year: January 2022    Filter

Roll No	Student Name	13	17	18	19	20	21	24	AVG %
1	ABHIJITH S G	A	F	F	F	A	F	A	57.14 %
2	Aji s varghese	H	F	F	F	F	F	F	92.86 %
3	AKHIL AK	A	F	F	F	F	A	F	71.43 %
4	AKSHAAYA BALU	F	F	A	F	A	A	A	42.86 %
5	AMALA VIJAYAN	F	F	F	F	F	A	A	71.43 %
6	ANAND RAJ	F	F	F	F	F	F	F	100 %
7	Anandhu R Nair	H	E	A	F	F	F	F	76.57 %
8	ANIT MARIA ABRAHAM	F	F	F	F	F	F	F	100 %
9	Anju C A	F	F	F	F	F	F	A	85.71 %
10	Anju T Pillai	A	F	F	F	F	F	A	71.43 %
11	Auzila Samad	H	F	F	F	F	F	A	76.57 %

### 8. Module for Time Table Management



**TIME TABLE**

Time Table Main

Department: Department of Computer Applications    Class: MCA SS Regular - 2019 - 2022

Subject: MCA-502 Informatics Security & E-Commerce (ES)

Faculty: Nishad PNI    Work Load: 16

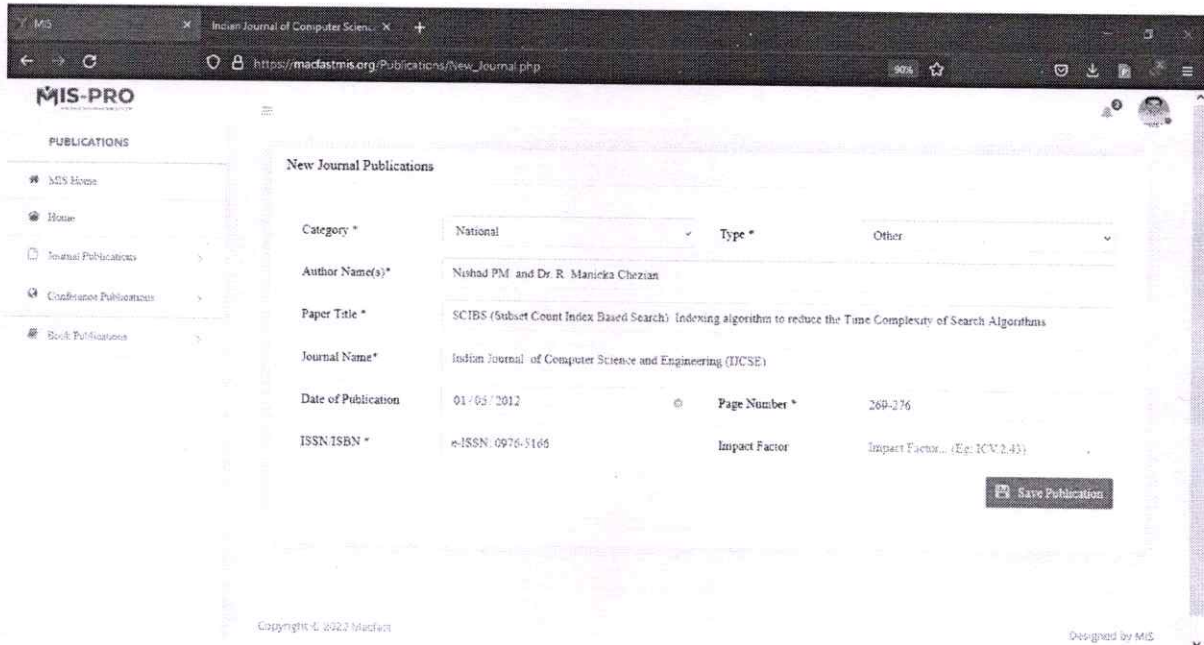
Day: Please Select    Period: Please Select

Class	Period 1 08:30-09:30	Period 2 09:30-10:30	Period 3 10:30-11:30	Period 4 11:30-12:30	Period 5 14:00-15:00	Period 6 15:00-16:00	Period 7 16:00-17:00
Sun							
Tue							
Wed							
Thu							
Fri	MCA 502 - 2019 - 2022 (16h 16)	Period Break 08:30-09:30 (1h 00)	MCA 502	Period Break 10:30-11:30 (1h 00)	MCA 502	Period Break 11:30-12:30 (1h 00)	Period Break 14:00-15:00 (1h 00)

**Total View**

Days	Period 1 08:30-09:30	Period 2 09:30-10:30	Period 3 10:30-11:30	Period 4 11:30-12:30	Period 5 14:00-15:00	Period 6 15:00-16:00	Period 7 16:00-17:00
Sun	MCA 502 (16h 16)	Period Break 09:30-10:30 (1h 00)	MCA 502 (16h 16)	Period Break 11:30-12:30 (1h 00)	MCA 502 (16h 16)	Period Break 12:30-13:30 (1h 00)	Period Break 14:00-15:00 (1h 00)
Tue	Period Break 08:30-09:30 (1h 00)	MCA 502 (16h 16)	Period Break 10:30-11:30 (1h 00)	MCA 502 (16h 16)	Period Break 11:30-12:30 (1h 00)	Period Break 14:00-15:00 (1h 00)	Period Break 16:00-17:00 (1h 00)

### 9. Module for Research Publications



**MIS-PRO**

**PUBLICATIONS**

- MIS Home
- Home
- Journal Publications
- Conference Publications
- Book Publications

**New Journal Publications**

Category \* National Type \* Other

Author Name(s)\* Nishad PM and Dr. R. Manicka Chezian

Paper Title \* SCIBS (Subset Count Index Based Search) Indexing algorithm to reduce the Time Complexity of Search Algorithms

Journal Name\* Indian Journal of Computer Science and Engineering (IJCSE)

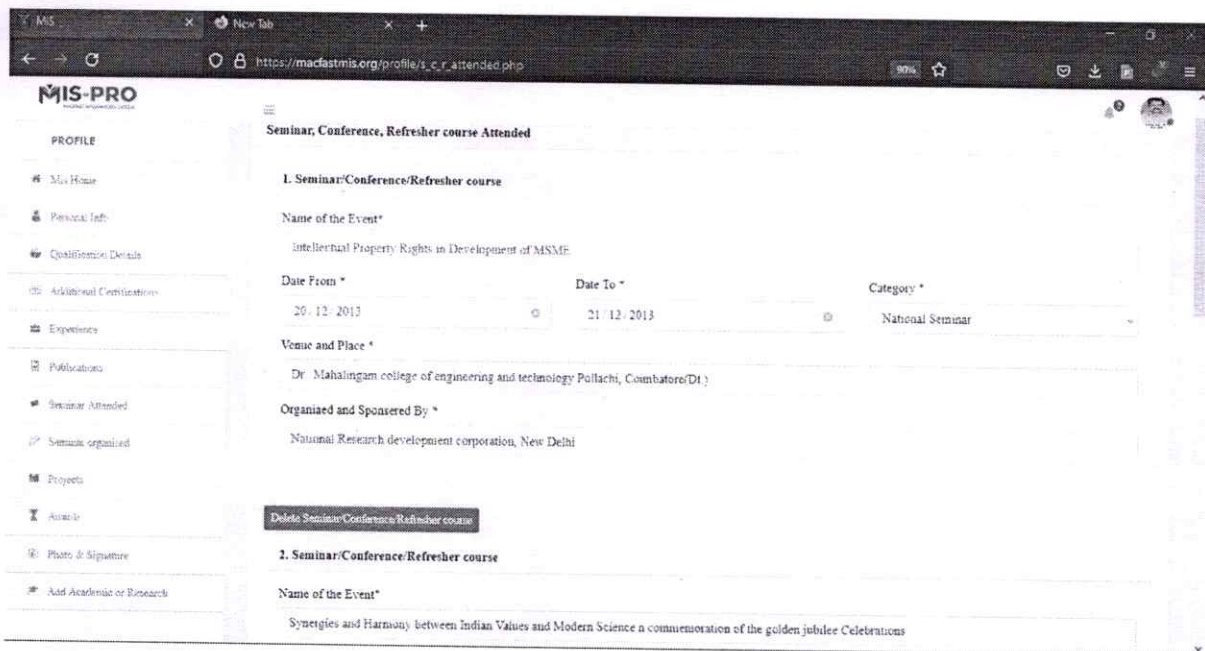
Date of Publication 01/05/2012 Page Number \* 269-276

ISSN/ISBN \* e-ISSN: 0976-5166 Impact Factor Impact Factor... (E.g. ICV:2.43)

**Save Publication**

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Designed by MIS

### 10. Module for Participation in Seminars



**MIS-PRO**

**PROFILE**

- MIS Home
- Personal Info
- Qualification Details
- Additional Certifications
- Experiences
- Publications
- Seminar Attended
- Seminar Organized
- Projects
- Article
- Photo & Signature
- Add Academic or Research

**Seminar, Conference, Refresher course Attended**

**1. Seminar/Conference/Refresher course**

Name of the Event\* Intellectual Property Rights in Development of MSME

Date From \* 20/12/2013 Date To \* 21/12/2013 Category \* National Seminar

Venue and Place \* Dr. Mahalingam college of engineering and technology Pollachi, Coimbatore(DT)

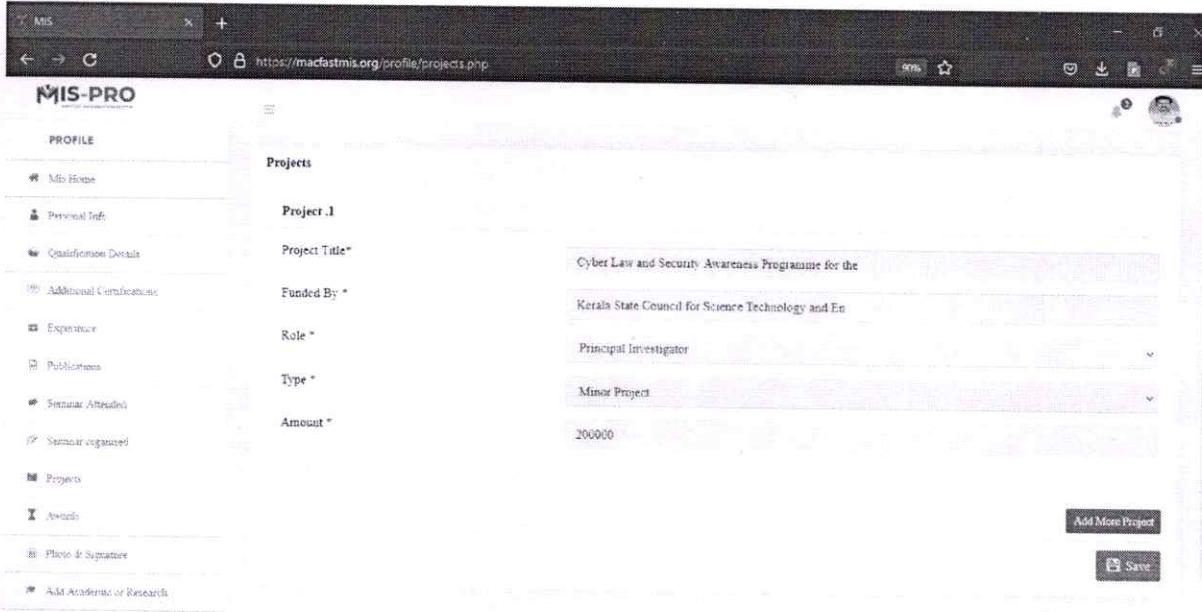
Organized and Sponsered By \* National Research development corporation, New Delhi

**Delete Seminar/Conference/Refresher course**

**2. Seminar/Conference/Refresher course**

Name of the Event\* Synergies and Harmony between Indian Values and Modern Science a commemoration of the golden jubilee Celebrations

### 11. Module for Projects



**MIS-PRO**

**PROFILE**

- My Home
- Personal Info
- Qualifications Details
- Additional Certifications
- Experience
- Publications
- Seminar Attended
- Seminar organized
- Projects**
- Awards
- Photo & Signature
- Add Academic or Research

**Projects**

**Project 1**

Project Title \* Cyber Law and Security Awareness Programme for the

Funded By \* Kerala State Council for Science Technology and En

Role \* Principal Investigator

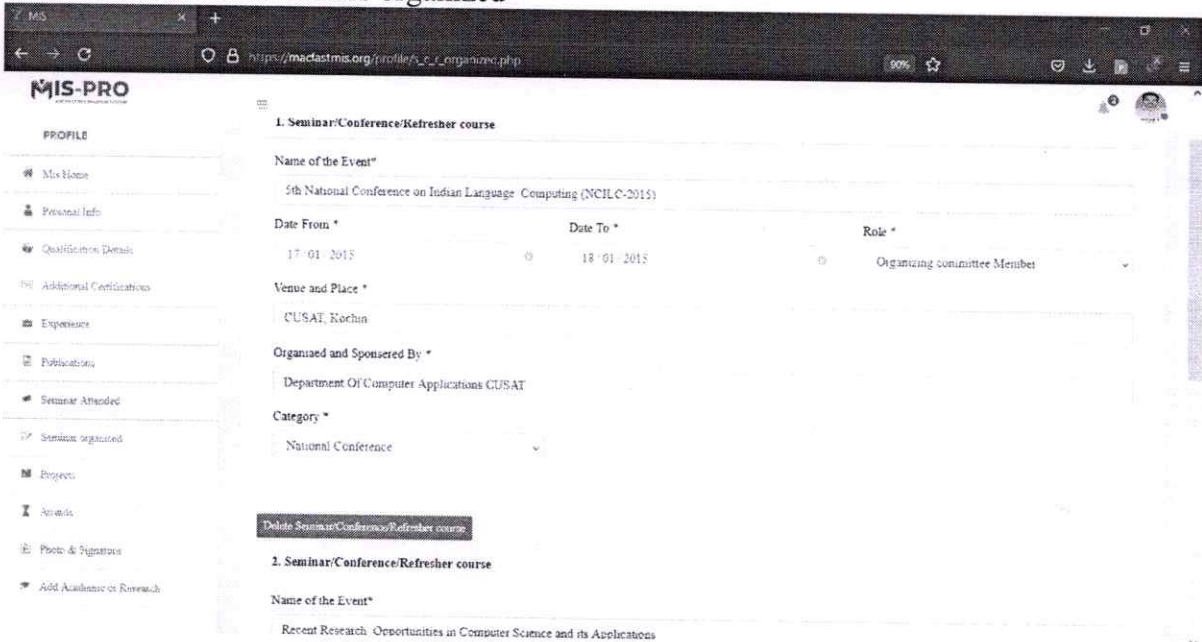
Type \* Minor Project

Amount \* 200000

Add More Project

Save

### 12. Module for Seminars organized



**MIS-PRO**

**PROFILE**

- My Home
- Personal Info
- Qualifications Details
- Additional Certifications
- Experience
- Publications
- Seminar Attended
- Seminar organized
- Projects
- Awards
- Photo & Signature
- Add Academic or Research

**1. Seminar/Conference/Refresher course**

Name of the Event \* 5th National Conference on Indian Language Computing (NCILC-2015)

Date From \* 17-01-2015 Date To \* 18-01-2015 Role \* Organizing committee Member

Venue and Place \* CUSAT, Kochin

Organised and Sponsored By \* Department Of Computer Applications CUSAT

Category \* National Conference

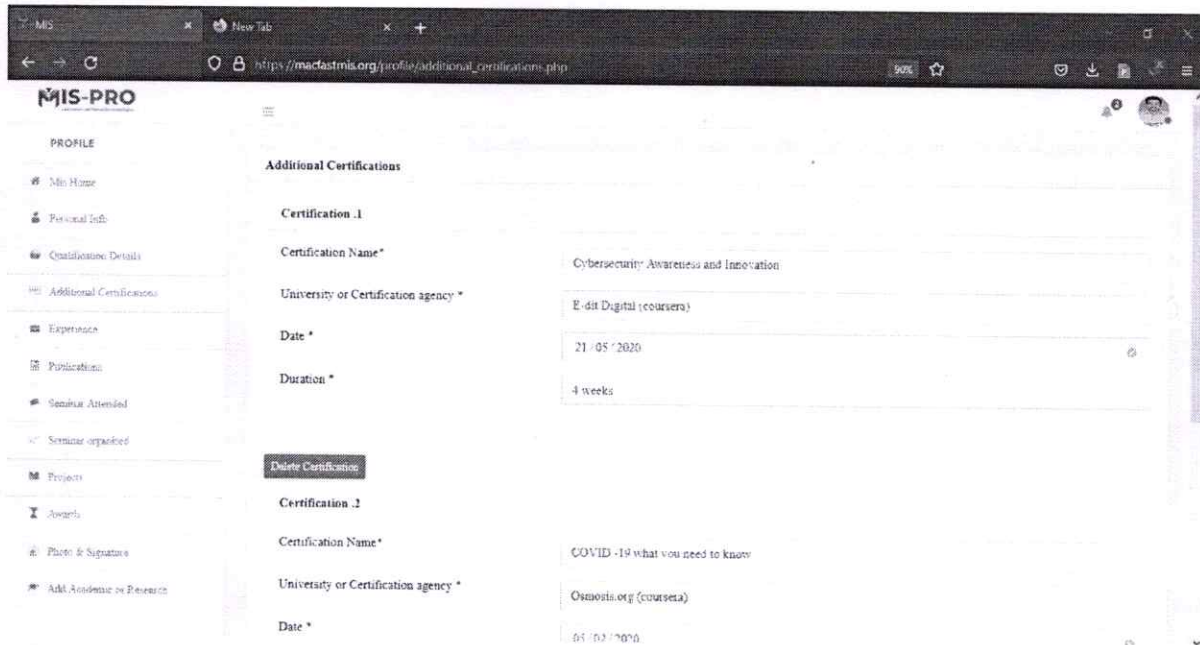
Delete Seminar/Conference/Refresher course

**2. Seminar/Conference/Refresher course**

Name of the Event \* Recent Research Opportunities in Computer Science and its Applications



### 13. Module for Additional Certifications

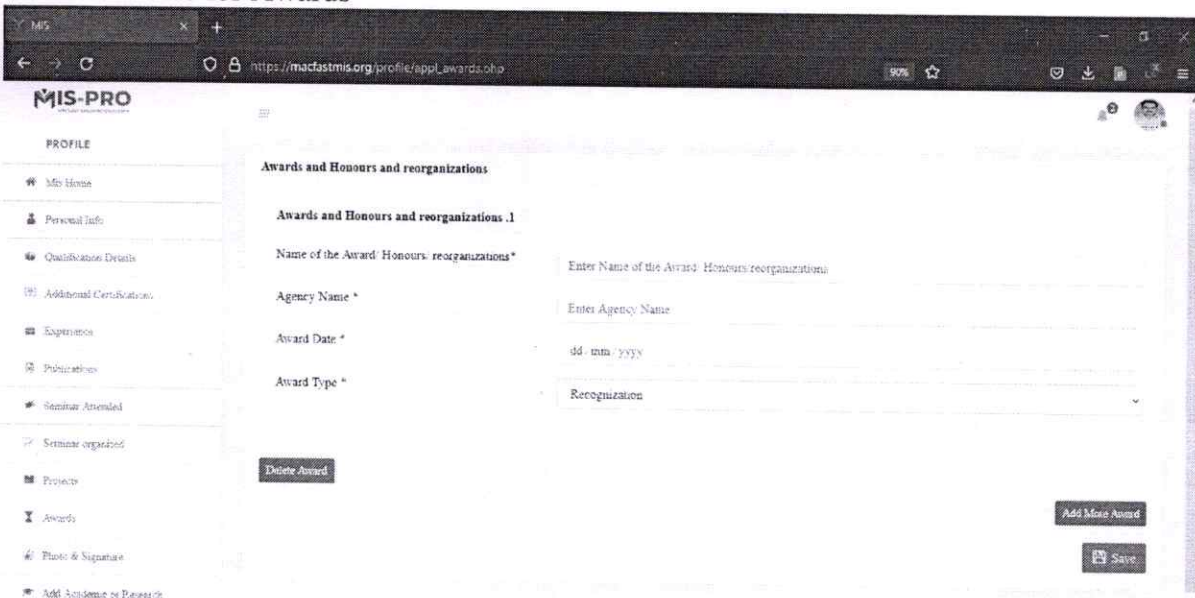


The screenshot shows a web browser window with the URL `https://macfastmis.org/profile/additional_certifications.php`. The page title is "MIS-PRO". On the left is a "PROFILE" sidebar with menu items: My Home, Personal Info, Qualification Details, Additional Certifications (active), Experience, Publications, Seminars Attended, Seminars organized, Projects, Awards, Photo & Signature, and Add Academic or Research. The main content area is titled "Additional Certifications" and contains two forms:

- Certification 1:**
  - Certification Name\*: Cybersecurity Awareness and Innovation
  - University or Certification agency\*: Edit Digital (course2)
  - Date\*: 21/05/2020
  - Duration\*: 4 weeks
- Certification 2:**
  - Certification Name\*: COVID-19 what you need to know
  - University or Certification agency\*: Osmosis.org (course2)
  - Date\*: 05/02/2020

There is a "Delete Certification" button between the two forms.

### 14. Module for Awards

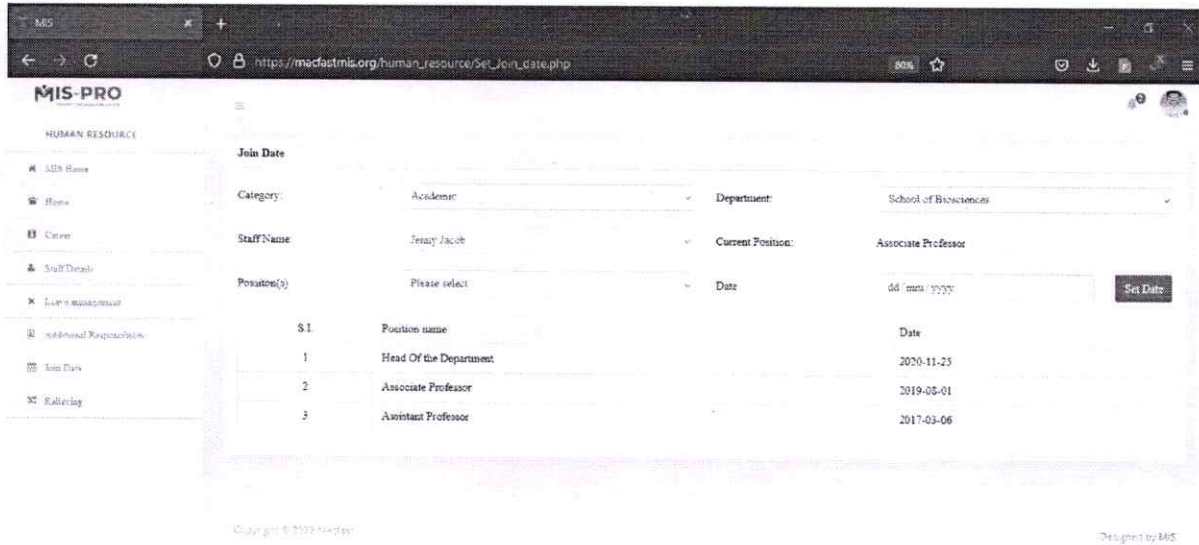


The screenshot shows a web browser window with the URL `https://macfastmis.org/profile/appl_awards.php`. The page title is "MIS-PRO". On the left is a "PROFILE" sidebar with menu items: My Home, Personal Info, Qualification Details, Additional Certifications, Experience, Publications, Seminars Attended, Seminars organized, Projects, Awards (active), Photo & Signature, and Add Academic or Research. The main content area is titled "Awards and Honours and reorganizations" and contains one form:

- Awards and Honours and reorganizations 1:**
  - Name of the Award/ Honours/ reorganizations\*: Enter Name of the Award/ Honours/ reorganizations
  - Agency Name\*: Enter Agency Name
  - Award Date\*: dd-mm-yyyy
  - Award Type\*: Recognition

There is a "Delete Award" button below the form. At the bottom right of the form area, there are two buttons: "Add More Award" and "Save".

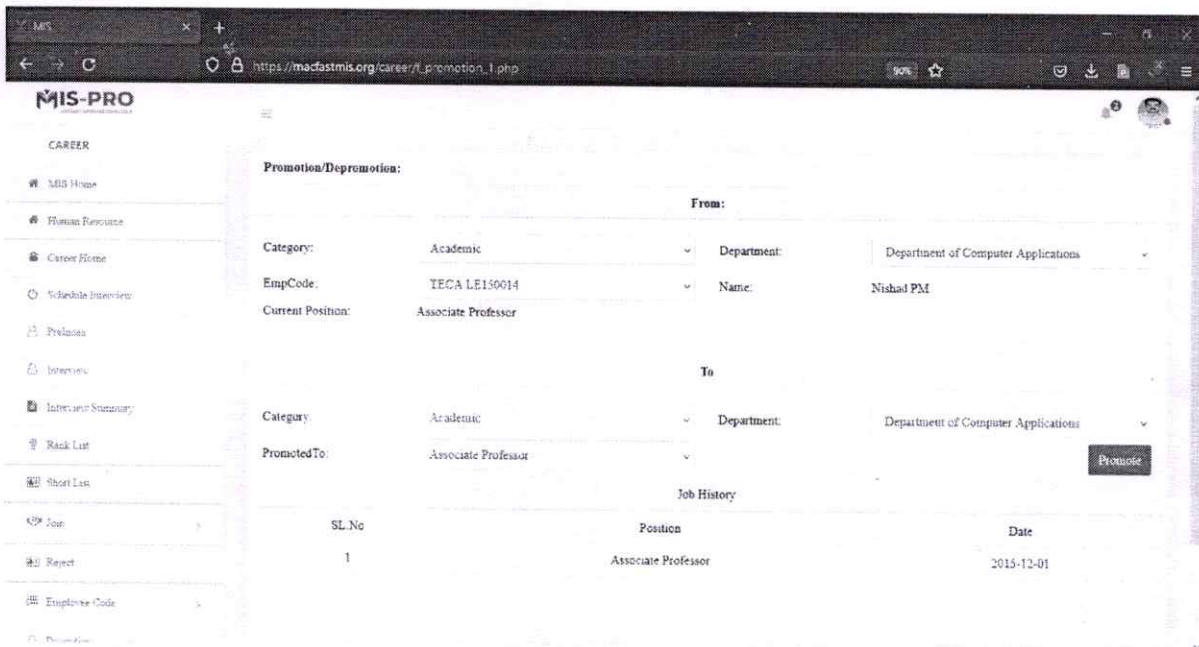
15. Module for Human Resource



The screenshot shows the 'Set Join Date' page in the MIS-PRO system. The left sidebar contains a navigation menu for 'HUMAN RESOURCE' with options like MIS Home, Home, Career, Staff Details, Leave Management, and Annual Report. The main content area includes a 'Join Date' section with form fields for Category (Academic), Department (School of Biosciences), Staff Name (Jenny Jacob), Current Position (Associate Professor), and a Date field (dd/mm/yyyy) with a 'Set Date' button. Below this is a table for 'Position(s)' with columns for S.I., Position name, and Date.

S.I.	Position name	Date
1	Head Of the Department	2020-11-23
2	Associate Professor	2019-06-01
3	Assistant Professor	2017-03-06

16. Module for Career



The screenshot shows the 'Promotion/Depromotion' page in the MIS-PRO system. The left sidebar contains a navigation menu for 'CAREER' with options like MIS Home, Human Resource, Career Home, Schedule Interview, Promotions, Interviews, Interview Summary, Rank List, Short List, Job, Report, and Employee Code. The main content area includes form fields for 'From:' (Category: Academic, Department: Department of Computer Applications, EmpCode: TECA LE150014, Current Position: Associate Professor) and 'To:' (Category: Academic, Department: Department of Computer Applications). A 'Promote' button is visible. Below the form is a 'Job History' table.

SL.No	Position	Date
1	Associate Professor	2015-12-01

*Handwritten signature in blue ink.*



*Handwritten signature in green ink.*  
**Fr. Dr. CHERIAN J KOTTAYIL**  
PRINCIPAL  
Mar Athanasios College For Advanced Studies  
Tiruvalla- 689101, Kerala