



Ibn e Rushd Block

ORIC
N U M L



ANNUAL REPORT
ORIC NUML 2020



Contents

ORIC-NUML	02
Research Support	04
Research Journal Facilitation	06
Open Journal Systems (OJS) Enabled Research Journals	06
Training of Project Award Holders	08
Digital research publication repository	08
Documents Produced	10
Capacity Building Program	12
Workshop on Outcome Based education (OBE) System	13
Training on Statistical package for social sciences (SPSS)	13
Commercial Training on Human Resource Management	13
Webinars with DTS	16
University-Industry Collaborations	18
Launched Virtual WECREATE Club	18
ORIC signed MoU with PIM	19
Crossref Membership	20
Commercialization	22
Ignite’s Ngiri 2020 and Final Year Projects of FE&CS	22
In-House Application	23
Times Higher Education (THE) Impact Rankings	26
NUML Restructured	28

Ibn e Rushd Block

ORIC Annual Report

January-December 2020

(Office of Research Innovation & Commercialization)

ORIC-NUML

Office of Research Innovation and Commercialization (ORIC) at National University of Modern Languages (NUML) was established in September 2014 to implement Higher Education Commission's (HEC) plan of developing research culture in Higher Education Institutes (HEI). The purpose of this office is to introduce and promote research culture within the University by supporting university's strategic research directions and policies and by improving integration of research and education at all levels of the University.

Research Goals of NUML are:-

- i. Promote research and creative work to increase the intellectual, social, and economic capital.
- ii. Deliver highly competitive, rigorous, research-intensive academic programs.
- iii. Improve research quality, productivity and impact.

To achieve the above mentioned goals, ORIC promotes multi-disciplinary research initiatives and aims to increase external research funding. This office works to strengthen university-

industry relationships and works to promote technology transfer and commercialization activities. Units of ORIC have been working in different domains. NUML Research Facilitation Centre (NRFC) does capacity building of research scholars, faculty members and supervisors of universities, develops research links with other higher education institutes, and apply and execute consultancy projects of funding agencies.

Executive Development Centre (EDC) offers capacity building programs for faculty, staff and students of NUML and development programs for SMEs, development, public and corporate sector in partnership with other firms.

Industry Technology Cell of NUML (IT CON) helps transform research and ideas into commercially viable products. The cell provides technology services and support to business, industry and academia.

During year 2020, ORIC performed following activities for promoting research, commercialization, developing university-industry linkages, capacity building, produced policy documents and worked on restructuring of the University.



Research Support

Research Support

ORIC developed, maintained, and communicated pre- and post-award administrative procedures for externally sponsored projects with faculty. The office facilitated faculty members in submission of research proposals and projects - provided support to Principal Investigators (PI) in compilation of utilization reports, hiring of project staff, and in managing accounts ORIC developed and maintained the award process

database – it coordinated internal and external reporting needs.

The office provided support to faculty regarding contracts, progress reports and other sponsor-related grant actions. ORIC facilitated faculty members in submission of twenty eight research proposals under National Research Program for Universities (NRPU) to HEC. Currently, five research projects are being managed by ORIC.

Research Projects						
S#	Project Title	Program	Name of PI	Faculty	Amount (Rs.)	Status
1	Sociolinguistic Competence: School Teachers' Perception and Practices in Pakistan	National Research Program for Universities (NRPU)	Dr. Ghazala Kausar	Faculty of English Languages	141,014	Completed in year 2020
2	A Study of Compliance of Media Industry in Pakistan	Start-Up Research Grant Program (SRGP)	Dr. Nisbat Ali	Management Sciences	49,136	Completed in year 2020
3	Prevalence of Disruptive Behaviour Disorders in Pakistan School Children	Start-Up Research Grant Program (SRGP)	Dr. Asia Mushtaq	Applied Psychology	50,000	Completed in year 2020
4	Translation, Adaptation, and Construct Validation of Pediatric Symptoms Checklist	Start-Up Research Grant Program (SRGP)	Dr. Tasnim Rehna	Applied Psychology	50,000	Completed in year 2020
5	Equitable English Learning Experience: A Gender Based Study of Remote Areas of Balochistan	National Research Program for Universities (NRPU)	Dr. Ghazala Kausar	Faculty of English Languages	3,253,640	Awarded in year 2020
6	Building up an Alternative Investment Market for SMEs: Challenges and Way Forward	National Research Program for Universities (NRPU)	Dr. Abdul Wahid	Management Sciences	4,809,629	Awarded in year 2020
7	Creating Women's Empowerment by Developing the Narrative from Iqbal's Perspective	National Research Program for Universities (NRPU)	Dr. Humaira Shahbaz	Persian Department	2,824,307	Awarded in year 2020
8	Harmonizing the University and Madrassah Curriculum, Teaching Methodology and Research Approaches at Under Graduate Level in Pakistan	National Research Program for Universities (NRPU)	Dr. Syed Abdul Ghaffar Bukhari	Islamic Department	3,536,076	Awarded in year 2020



اقْرَأْ بِاسْمِ رَبِّكَ الَّذِي خَلَقَ

پنے رب کے نام سے پڑھ جس نے (سب کو) پیدا کیا
*Read in the name of Allah,
Who created*

مخوان بنام پروردگارت که (جان را) آفرید

*Read in the name of Allah,
Celui qui a créé
Les im Namen Allahs,
der alles erschaffen hat.*

Yaratan Rabbini adiyala ohi

Читай во имя Господа
Творца нашего

Bacala dengan (maksudnya) nama
Tuhan yang mencipta

Research Journal Facilitation

Research Journal Facilitation

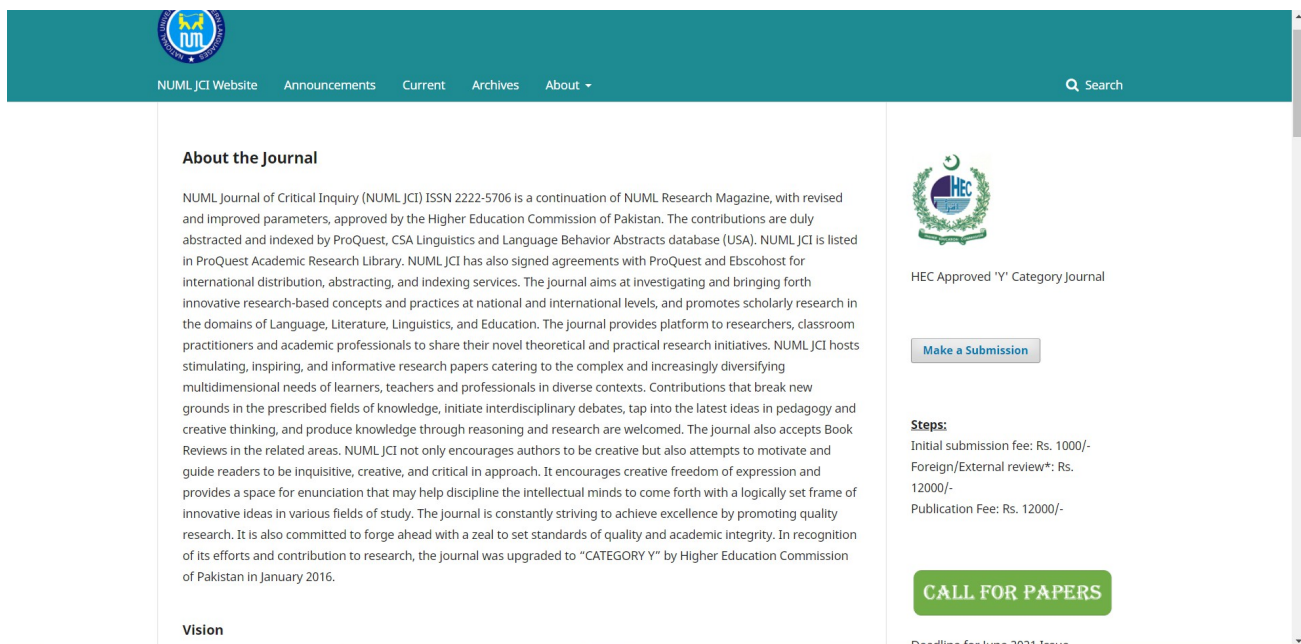
ORIC provided continuous support to Research Journal Editorial Committees and faculty

members in terms of trainings, guidance and correspondence.

Open Journal Systems (OJS) Enabled Research Journals

ORIC opted Open Journal Systems (OJS) to online establish NUML journals. OJS is for management of peer-reviewed academic journals and was created by the Public Knowledge Project (PKP). OJS is recommended by HEC for journal accreditation as it's the world's most widely used journal management and publishing system.

OJS assists with every stage of the refereed publishing process, from submissions through to online publication and indexing. Through its management systems, it's indexing of research, and the context it provides for research, OJS seeks to improve both the scholarly and public quality of referred research.



The screenshot shows the website for the NUML Journal of Critical Inquiry (JCI). The header includes the NUML logo and navigation links: "NUML JCI Website", "Announcements", "Current", "Archives", and "About". A search bar is located on the right. The main content area is divided into two columns. The left column is titled "About the Journal" and contains a detailed description of the journal, its ISSN (2222-5706), its accreditation by HEC, and its focus on innovative research in language, literature, linguistics, and education. The right column features the HEC logo, the text "HEC Approved 'Y' Category Journal", a "Make a Submission" button, and a "Steps" section listing submission fees: Initial submission fee: Rs. 1000/-, Foreign/External review*: Rs. 12000/-, and Publication Fee: Rs. 12000/-. A green "CALL FOR PAPERS" button is also present, with a note below it: "Deadline for June 2021 Issue".

NUML publishes five journals, which are:

1. NUML International Journal of Business and Management.
2. Journal of Research in Social Sciences (JRSS).
3. NUML Journal of Critical Inquiry.
4. Daryaft.
5. Al Basirah.



All NUML journals are now on OJS. ORIC provided continuous support to Research Journal Editorial Committees in terms of

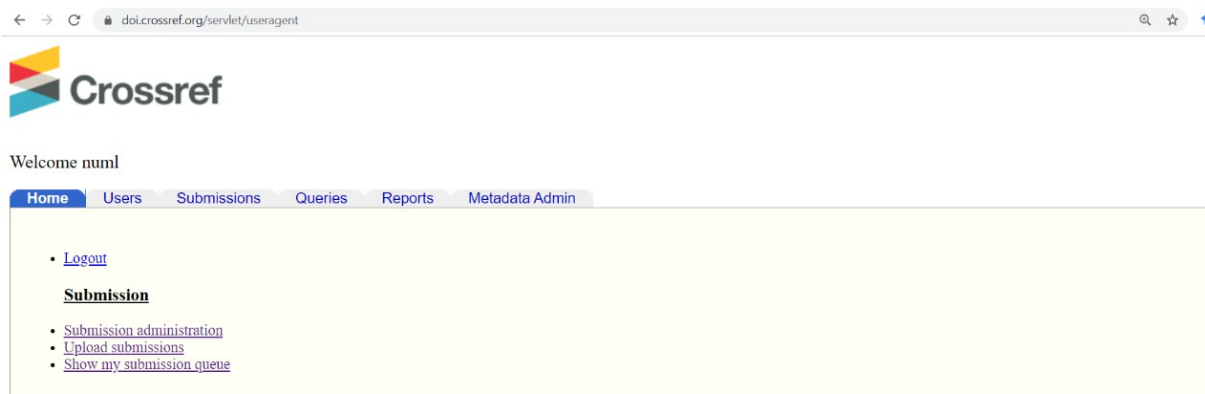
trainings and correspondence in publishing their respective journals to OJS.



Digital Object Identifier (DOI) Process Initiation

A Digital Object Identifier (DOI) is a unique alphanumeric string assigned by registration agencies to identify content and provide a persistent link to its location on the Internet. When an article is published, a DOI is assigned and made available electronically. DOIs make research outputs easy to find, cite, link, assess

and make scholarly communications better. ORIC is in the process of getting DOIs of the research articles published in NUML research journals and for that got membership of CrossRef (DOI registration agency). A journal with a DOI can be monitored when and where its articles have been mentioned online.

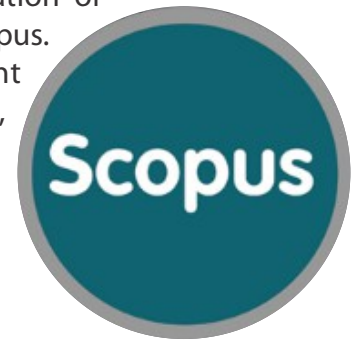


SCOPUS Indexation Initiation

Scopus is an online citation database of Elsevier (an information and analytics company, which publishes journals). Scopus delivers the broadest overview of global, interdisciplinary scientific data and literature, across all research fields. With over a billion cited references on Scopus, each paper indexed has on average 10-15% more citations than any other citation database.

With the initiation of the process to get Digital

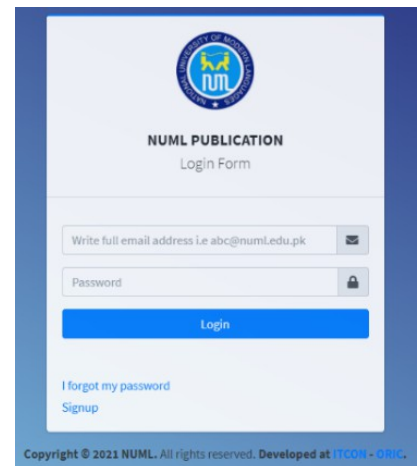
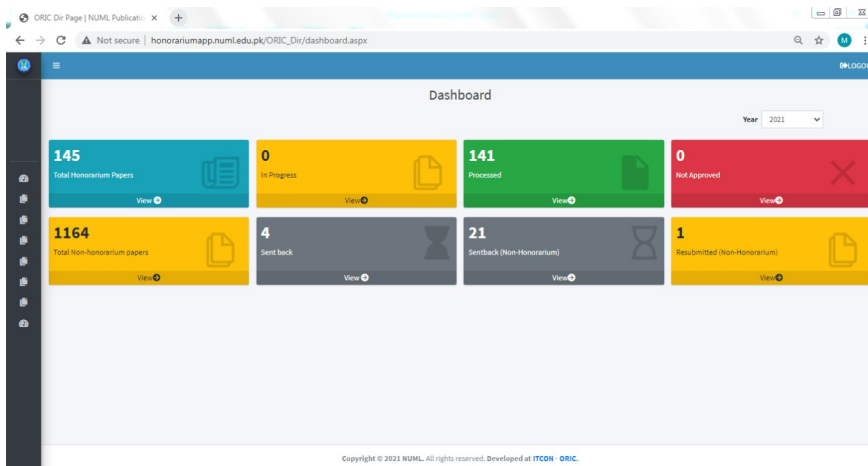
Object Identifiers (DOIs) for NUML journals, ORIC started indexation of the journals on Scopus. DOI is an important element for indexing, as it makes journals and its articles searchable.



Faculty Research Audit

A complete faculty research audit across all disciplines was conducted using NUML

Publication System an online database of research articles designed by ORIC.



Training of Project Award Holders

To ensure timely completion of the research projects, Principal Investigators (PI) are required to apprehend procedures and policies of NUML and HEC. And for that ORIC conducted training for Principal Investigators (PIs) for efficient and effective management of research projects awarded by HEC.

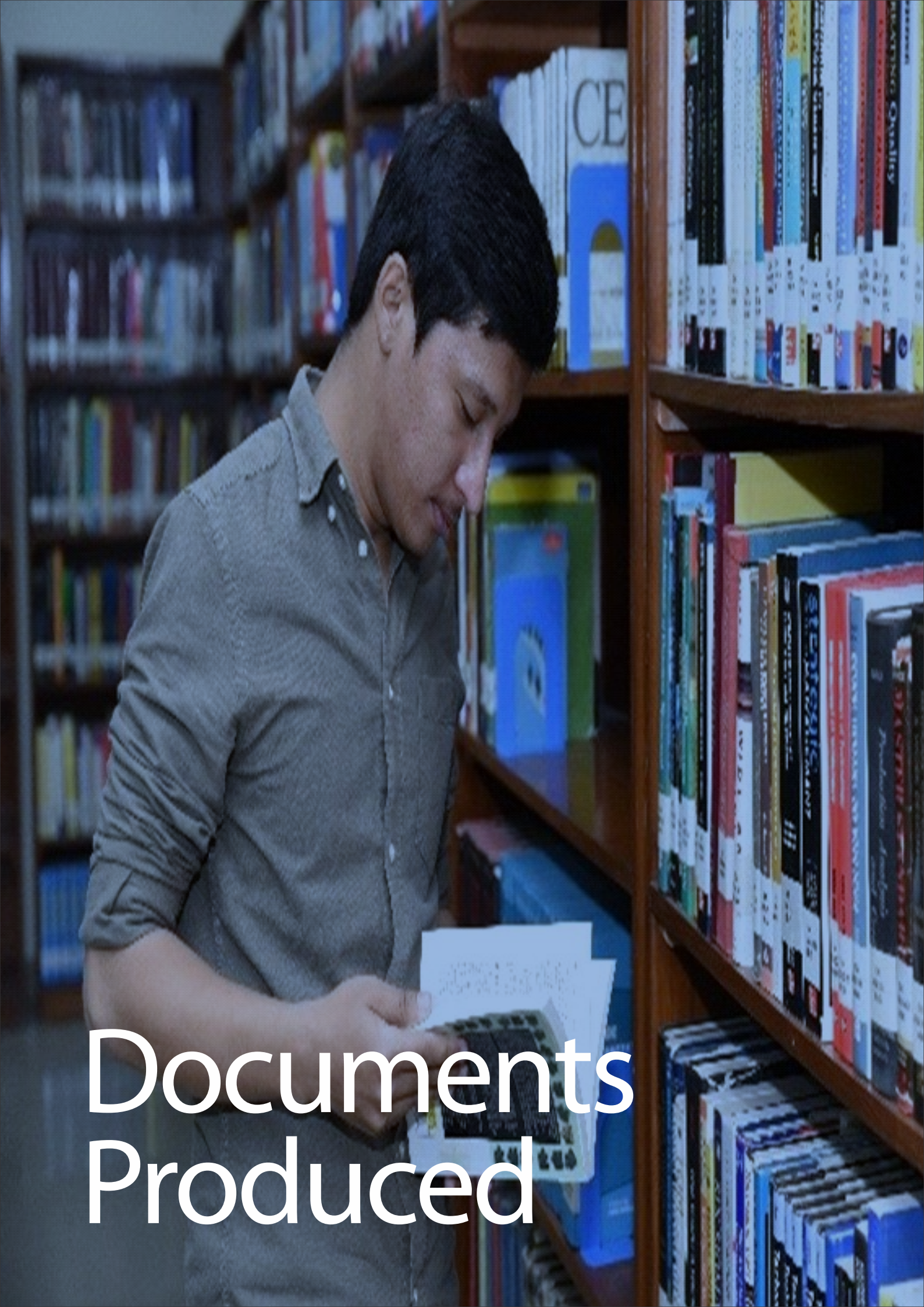
The training covered research grants SOPs, financial rules governing research grants, preparation of work plan and undertaking by PIs.

Digital research publication repository

ORIC designed digital repository of research papers through which, overall, faculty-wise, department wise, category-wise and year-wise publications of faculty members can be checked. Their honorarium cases can now be processed digitally and record can be generated instantly.

Benefits of Publication Repository:

1. Facilitation of cash incentives.
2. Searchable Research Repository.
3. Research Audit Digital Tool.
4. Faculty Research/Teaching Load Audit.



Documents
Produced

Documents Produced

- ORIC prepared following documents
- NUML Research Policy
- Research Goals and Objectives
- NUML's Profile
- Policy for Awarding Best Teacher Award
- Maternity/Paternity Policy
- Policy - Award for Prospective & Current Students
- Guiding Principles for NUML Research Facilitation Center
- Policy for Lifelong Learning in Connection with UNSDGs.
- NUML Research Journals Policy
- Policy Ibn e Rushd Block
- Handbook for PhD Students
- Policy for Awarding Best Researcher Award
- Gender Equality & Non-Discrimination Policy
- Anti-Discrimination & Anti-Harassment Policy and Complaint Procedure
- Booklet–Divisions, Designations and Job Descriptions
- Guidebook for International Students





Capacity Building Program

Capacity Building Program

Executive Development Center (EDC) of ORIC conducted following programs and commercial workshops to enhance thinking

ability and develop analytical skills of participants.

Faculty Development Program (FDP) 2020

ORIC organized Faculty Development Program (FDP) from March 09-13, 2020 based on modules, General Teaching Philosophy Development Curriculum and Lesson Planning,

Lecture Developing Techniques, Classroom Dynamics, Preparing Assessment Instruments and Teachers Self-Reflection.





WORKSHOP ON OUTCOME BASED EDUCATION (OBE) SYSTEM

EDC organized workshop on Outcome Based Education (OBE) System in September (7-9, 14), 2020.



TRAINING ON STATISTICAL PACKAGE FOR SOCIAL SCIENCES (SPSS)

EDC organized training on Statistical Package for Social Sciences (SPSS) under

Faculty Development Program (FDP) on October 07, 2020.



COMMERCIAL TRAINING ON HUMAN RESOURCE MANAGEMENT

EDC organized a commercial training titled, “Beginners Guide to Human Resource Management”; it was a two-day rigorous training on HR practices held on February 06,07, 2020.

Training modules were Metrics, Organization and Design, Identifying SWOT in terms of Human Resource Structure.



WORKSHOP FOR PHD SUPERVISOR

EDC organized workshop for Ph.D. Supervisors from December 1-8, 2020.



WORKSHOP ON COMMUNICATION & RESEARCH SKILLS

EDC organized one-day workshop on 'Communication & Research Skills' on March 13, 2020, for the students engaged in the research project titled, "Education Financing for

Vocational/Technical Education: A Negland Case" under National Research Program for Universities (NRPU).



Webinars with DTS

EDC in collaboration with DTS (Digital Transformation Solution Pvt. Ltd.) conducted webinars on 'SAP S/4HANA' (an integrated Enterprise Resource Planning (ERP) system) and

on 'SAP Material Management' (a module that provides companies with materials, inventory and warehouse management capabilities) on August 22 and 26, 2020 respectively.

Webinar on Effective Research Proposal Writing Skills

EDC organized a webinar titled, "Effective Research Proposal Writing Skills". Dr. Sajid Bashir, Head of Department - Business Sciences NAMAL Institute (Mianwali) conducted the

webinar on August 10, 2020. Seventy six faculty members from five faculties participated in the webinar.





University- Industry Collaborations

University-Industry Collaborations Discussion with Industry Representatives

ORIC held discussion on organizing "Innovation / Commercialization Fair at NUML" with industry representatives in Idea Lab, Salam Block on February 12, 2020.

Director ORIC, Dr. M. Zubair Iqbal chaired the meeting; industry representatives were Mr. Muhammad Ahmed (President, Islamabad Chamber of Commerce and Industry (ICC&I)), Mr. Saqib Rafiq (Former Vice President, Rawalpindi Chamber of Commerce and Industry (RCC&I)), Mr. Raja Omar Iqbal (Convener on Standing Committee on Information.

Technology-RCC&I), Mr. Malik Naveed (CEO, Buraq Enterprise), Engineer Shafqat Majeed (CEO, The Capital Technologies Private Limited), Mr. Aamir Baloch (Managing Director, IDEAS Sales and Marketing), and Mr. Rashid Asghar (Entrepreneur).

Participants were Dr. Naveed Akhtar (Dean Management Sciences), Dr. Syed Zaheer Abbas Kazmi (Assistant Professor), Dr. Ata Ullah Ghafoor (Assistant Professor), Mr. Adnan Iftikhar (Lecturer) and Mr. Atif Abbas (Research Associate).



Launched Virtual WECREATE Club

ORIC in collaboration with 'The Indus Entrepreneurs' (TIE - Islamabad Chapter), through their project "WECREATE Pakistan", proposed to foster entrepreneurial culture at NUML where especially female students can transform their business ideas into reality. In that regard, WECREATE Club was to be established in March 2020, but due to the pandemic the program got delayed.



Therefore, they proposed to establish Virtual WECREATE Club. ORIC launched virtual Club in August for commencement of online workshops. Twelve sessions held on 'Zoom', which covered Business Ideation, Design

Thinking and Product Design, Business Plan, Branding, Investment and Pitching, Digital Marketing, Video Editing and Animation. Twenty-six female students participated; last session held in December 22, 2020.

MEMBERSHIP OF THE ASSOCIATION OF COMMONWEALTH UNIVERSITIES (ACU)



The Association of Commonwealth Universities (ACU) is the world's first and oldest international university network, established in 1913. It is a professional association for those working in higher education across the Commonwealth, providing avenues for collaboration and cooperation between the members.

Commonwealth Scholarships) and offers grants and fellowships to support student mobility and international research collaboration.

ACU manages prestigious international scholarship schemes (including the UK government's three major scholarship programs and the Queen Elizabeth

ORIC got membership of the Association to expand educational opportunities for students and faculty members of NUML and to connect with academicians of member universities of ACU to organize events and run programs to support professional and institutional development.

ORIC signed MoU with PIM

A memorandum of understanding (MoU) was signed between ORIC and Pakistan Institute of Management (PIM) on February 25 ,2020. Purpose of this MoU is to collaborate for

capacity building activities and for this purpose share intellectual, physical and human resources.



CROSSREF MEMBERSHIP



ORIC got membership of Crossref to assign DOIs to Journal's Research Articles. Crossref is a Digital Object Identifier (DOI) registration agency of the International DOI Foundation (governance body of the DOI system), which

enables persistent cross-publisher citation linking in online academic journals. The agency provides additional services such as plagiarism screening and searching by funders.

← → ↻ doi.crossref.org/servlet/useragent 🔍 ☆ ⚙



Welcome numl

[Home](#) [Users](#) [Submissions](#) [Queries](#) [Reports](#) [Metadata Admin](#)

- [Logout](#)

Submission

- [Submission administration](#)
- [Upload submissions](#)
- [Show my submission queue](#)

© 2000-2021 PILA, Inc.



Commercialization

Commercialization

Industry-Technology Cell of NUML (IT CON) did following projects for commercialization.

S#	Project	Company
1	Android Mobile based Dynamic Task Allocation System	RadarView
2	Android based Health System	AXON / CHI
3	Charts for Android Mobiles, Charts for Health Device	AXON / CHI
4	E-Commerce Web App – Android App	FantiscoTechnologies
5	Laravel App for Backend	FantiscoTechnologies
6	3D Modeling for Objects	CGI
7	Design Flyers and Promotions	CGI
8	Android App using Retrofit	Fantisco Technologies
9	Designs of flyers and Animation of theme	Kalaam4Solution
10	Android App for Access Control and Record Management	Fantisco Technologies
11	Designs of promotional materials	Engineering for Kids
12	Event Care Management System	Client

IGNITE'S NGIRI 2020 AND FINAL YEAR PROJECTS OF FE&CS



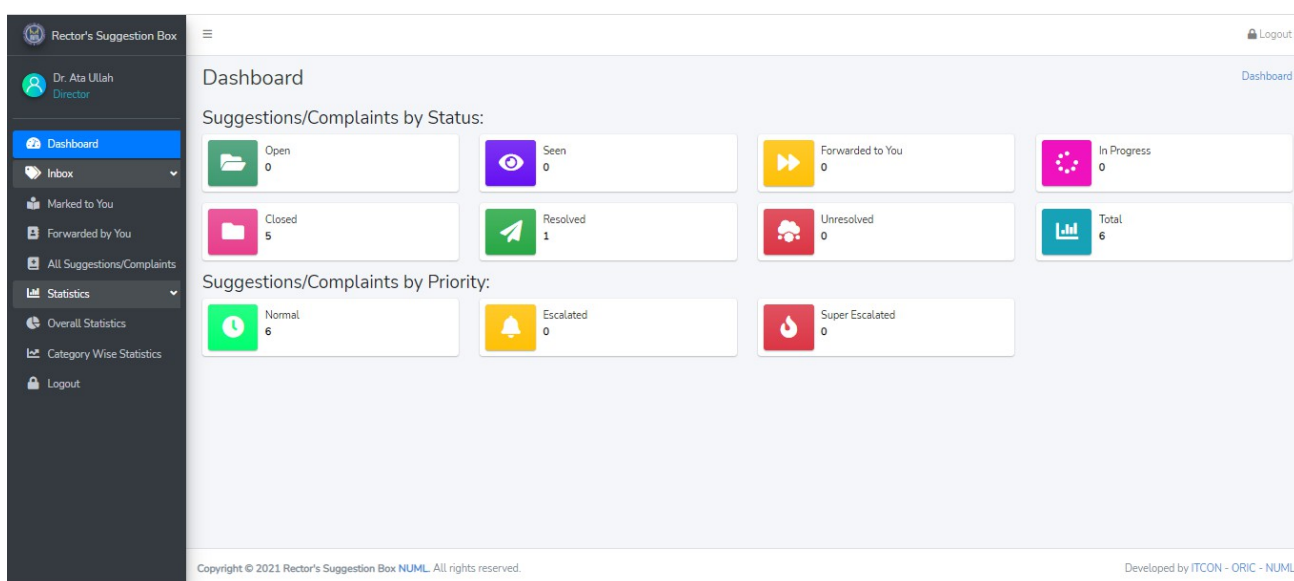
Ignite funds startups and innovative projects that utilize fourth industrial wave tech to solve local problems and target global opportunities in health, education, energy, agriculture, telecom, finance and other verticals. Ignite's program, National Grassroots ICT Research Initiative (NGIRI) aims to assist final year undergraduate students of ICT related disciplines by providing financial assistance for

developing prototypes/working models for their Final Year Projects (FYP) in order to increase creativity, innovation and hands on engineering and development skills. In NGIRI 2020, students of Faculty of Engineering and Computer Science (FE&CS) participated; thirteen final year project (FYP) applications were submitted. Eight FYP applications of worth Rs. 589,300 were approved for funding.

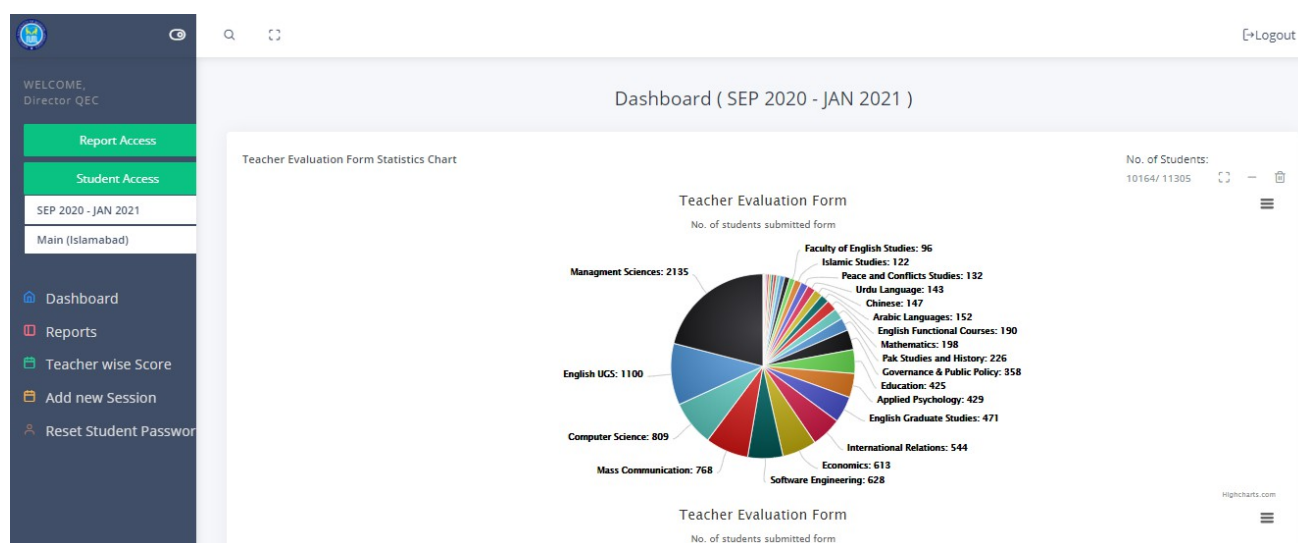
In-House Application

IT CON developed following in-house applications for the University:

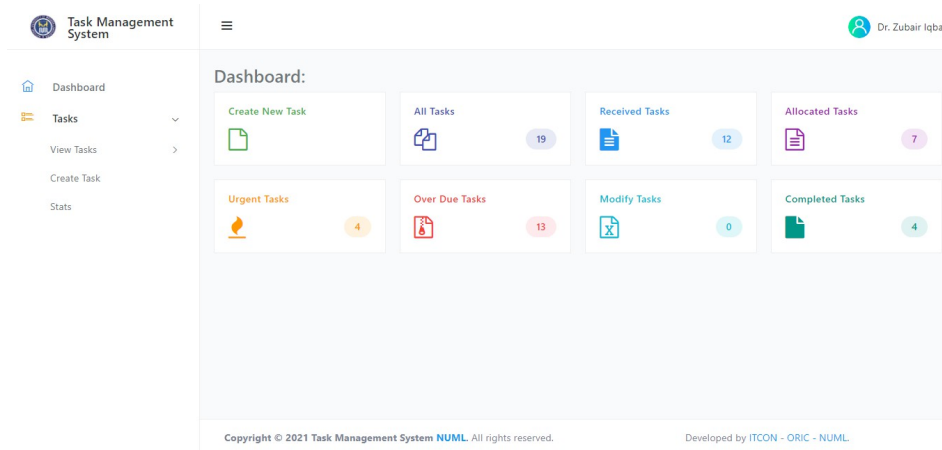
- Rector's Suggestion Box.
- Publication Management System.
- Task Management System.
- E-Library Management System.
- Theses Repository.
- Online Teacher/Course Evaluation System for Quality Enhancement Cell.
- Student E-Registration System.



Rector's Suggestion Box

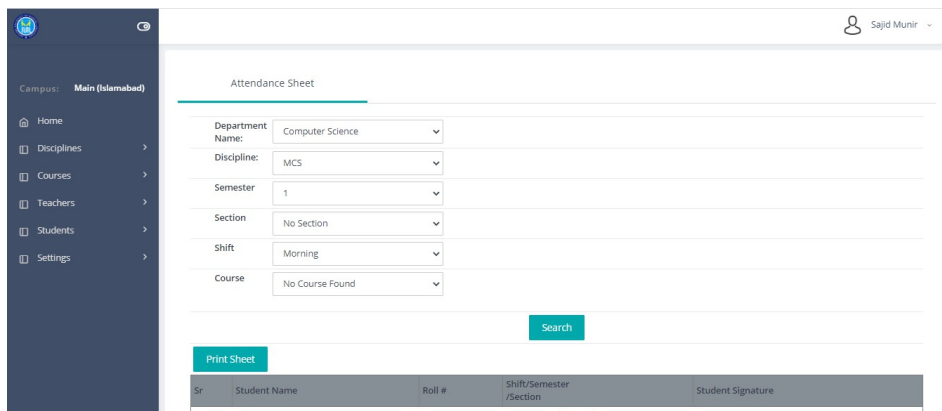


Online Teacher/Course Evaluation System for QEC



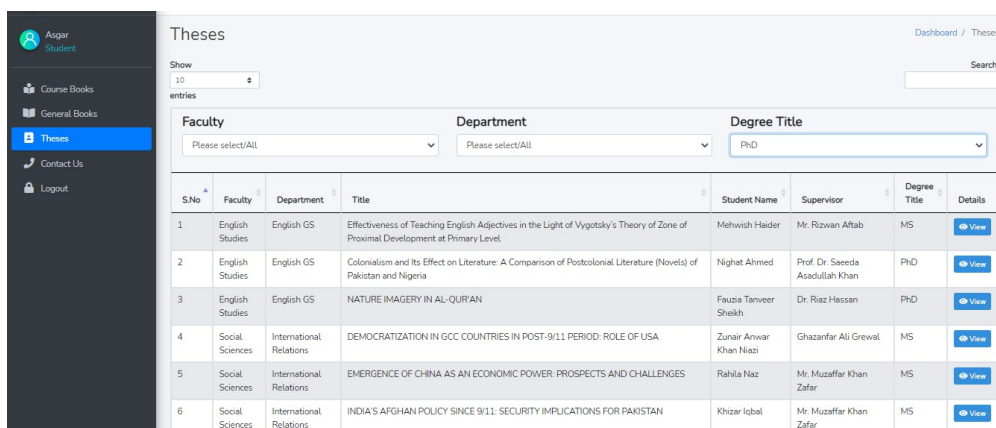
The screenshot shows the 'Task Management System' dashboard for user Dr. Zubair Iqbal. The dashboard includes a sidebar with navigation options: Dashboard, Tasks, View Tasks, Create Task, and Stats. The main content area displays a 'Dashboard:' section with seven task-related cards: 'Create New Task', 'All Tasks' (19), 'Received Tasks' (12), 'Allocated Tasks' (7), 'Urgent Tasks' (4), 'Over Due Tasks' (13), 'Modify Tasks' (0), and 'Completed Tasks' (4). At the bottom, there is a copyright notice for 2021 Task Management System NUML and a developer credit to ITCON - ORIC - NUML.

Task Management System



The screenshot shows the 'Attendance Sheet' interface for user Sajid Munir. It features a sidebar with navigation options: Home, Disciplines, Courses, Teachers, Students, and Settings. The main area contains a form with dropdown menus for Department (Computer Science), Discipline (MCS), Semester (1), Section (No Section), Shift (Morning), and Course (No Course Found). A 'Search' button is located below the form. Below the form is a 'Print Sheet' button and a table header with columns: Sr, Student Name, Roll #, Shift/Semester /Section, and Student Signature.

Electronic Registration



The screenshot shows the 'Theses' repository interface for user Asgar Student. It includes a sidebar with navigation options: Course Books, General Books, Theses, Contact Us, and Logout. The main area displays a search bar and filters for Faculty, Department, and Degree Title (set to PhD). Below the filters is a table listing theses with columns: S.No, Faculty, Department, Title, Student Name, Supervisor, Degree Title, and Details. Each row includes a 'View' button.

S.No	Faculty	Department	Title	Student Name	Supervisor	Degree Title	Details
1	English Studies	English GS	Effectiveness of Teaching English Adjectives in the Light of Vygotsky's Theory of Zone of Proximal Development at Primary Level.	Mehwish Haider	Mr. Rizwan Attab	MS	View
2	English Studies	English GS	Colonialism and Its Effect on Literature: A Comparison of Postcolonial Literature (Novels) of Pakistan and Nigeria	Night Ahmed	Prof. Dr. Saeeda Asadullah Khan	PhD	View
3	English Studies	English GS	NATURE IMAGERY IN AL-QUR'AN	Fauzia Tanveer Sheikh	Dr. Riaz Hassan	PhD	View
4	Social Sciences	International Relations	DEMOCRATIZATION IN GCC COUNTRIES IN POST-9/11 PERIOD: ROLE OF USA	Zunair Anwar Khan Niazi	Ghazanfar Ali Grewal	MS	View
5	Social Sciences	International Relations	EMERGENCE OF CHINA AS AN ECONOMIC POWER: PROSPECTS AND CHALLENGES	Rahila Naz	Mr. Muzaffer Khan Zafar	MS	View
6	Social Sciences	International Relations	INDIA'S AFGHAN POLICY SINCE 9/11: SECURITY IMPLICATIONS FOR PAKISTAN	Khizer Iqbal	Mr. Muzaffer Khan Zafar	MS	View

Theses Repository



Times Higher Education (THE) Impact Rankings

Times Higher Education (THE) Impact Rankings

Times Higher Education (THE) Impact Rankings are global performance tables that assess universities against United Nations' Sustainable Development Goals (SDGs). THE uses calibrated indicators to provide comprehensive and balanced comparisons across three broad areas: research, outreach and stewardship For

THE Impact Rankings (year 2020), ORIC developed data collection plan, made/ coordinated various policies with other departments in context of SDGs. The office is in process of collecting and compiling data of year 2020 to apply for Impact Rankings.



SUSTAINABLE DEVELOPMENT GOALS



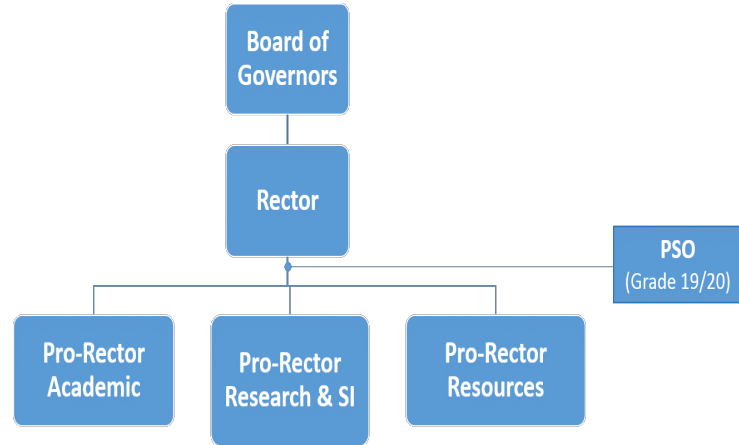


NUML

**NUML
Restructured**

NUML Restructured

In 2020, to proficiently manage and run the affairs of the University, Rector-NUML *Maj. Gen. Muhammad Jaffar HI(M) (Retd.)* took a big step to restructure the University by forming Divisions. ORIC was assigned this task to propose new structure in context of legal framework. The office played a central role in planning and getting approval from Board of Governors.



From December 2020, University started functioning according to the new structure of Divisions with relevant departments and branches with respective Pro-Rectors Deans and Directors heading them.





Office of Research Innovation and Commercialization (ORIC)
First Floor, Ibn e Rushd Block,
National University of Modern Languages (NUML),
Sector H-9, Islamabad-44000. Pakistan.
Tel: 051 92 65 100 Ext: 2031
E-mail: oric@numl.edu.pk
Website: www.oric.numl.edu.pk