FATIMA MATA NATIONAL COLLEGE

AUTONOMOUS

(Reaccredited with 'A' Grade by NAAC)
Affiliated to University of Kerala

PER MATREM PRO PATRIA

1.1.2 Report of Capacity Building Programmes

IQAC INTERNAL QUALITY ASSURANCE CELL

Fatima Mata National College
(AUTONOMOUS)

PER MATREM PRO PATRIA

Hands-on
training programme for
teachers

TOPIC : "OUTCOME BASED EDUCATION AND GRADUATE ATTRIBUTES"

Date:
14th & 15th MAY 2019

Venue:
GOLDEN JUBILEE SEMINAR HALL

Resource Persons:

(Prof) Dr. Rajan Gurukkal
Vice-Chairman, Kerala State
Higher Education Council

Dr. Manulal P. Ram
Research Officer, Kerala State
Higher Education Council

Dr. Ajay K
Assistant Professor, Govt. College, Kottayam

Sri. M.V. Vijayakrishnan
Assistant Professor Govt. College, Chittur

Organized by IQAC
Sponsored by PTA

Programme
14 May 2019

**Venue:
Golden
Jubilee
Seminar Hall**

9.30-11.00 a.m.	:	**Inaugural Function**
Welcome	:	**Dr. S. Parvathy,** Secretary, IQAC
Presidential Address	:	**Dr. Vincent B. Netto,** Principal
Keynote Address	:	**Dr. (Prof) Dr. Rajan Gurukkal,** Vice-Chairman, KSHEC
Vote of Thanks	:	**Dr. Noeline B. Fernandez,** Co-ordinator, IQAC
11.00-11.15 a.m.	:	**Tea Break**

Venue : Computer Lab

11.15-1.30 p.m. : **Technical Session 1**
Outcome Based Education- Implementation process
- Mapping Vision and Mission Statements with Program Educational Objectives
- Mapping Program Educational Objectives with Program Outcomes (PO)

2.30-4.30 p.m. : **Technical Session 2**
· Defining Course Objectives, Course Learning Outcomes (CO) with Bloom's Taxonomy
· Mapping Questions with CO at Bloom's Taxonomy levels
· Mapping CO with PO

15 MAY 2019

10.00-11.30 p.m. : **Technical Session 3**
Curriculum Design and Content Delivery
- Recognizing Student Diversity
- Blended Learning, Extended Learning, Student-Centric Learning and Choice Based Learning Approaches
- The Role of Faculty member as Instructor, Facilitator, Trainer and Mentor

11.45-1.30 p.m. & : **Technical Session 4**
2.00-3.30 p.m.   Assessment patterns for CO and PO
- Formative and Summative assessments
- Assessing attainment of PO and CO against CO-PO threshold-OBE Rubrics
- Formulating Assess-Feedback-Improve loop

3.45-4.30 p.m. : **Valedictory Session (Golden Jubilee Hall)**

OUTCOME BASED EDUCATION AND GRADUATE ATTRIBUTES
14-15, 05-2019
HANDS ON TRAINING PROGRAMME FOR TEACHERS

As per the directives of NAAC, UGC and the University of Kerala, Fatima Mata National College (Autonomous), has organized a two day hands on training programme in collaboration with Higher Education Council, Govt of Kerala. The training programme emphasized on solving the problems in implementing the outcome based curriculum. Forty four teachers attended the program. The training program was structured in four technical sessions, the details as follows:

- **Technical session 1**

    Outcome Based Education –Implementation Process

- **Technical session 2**

    Defining and mapping PO's and CO's

- **Technical session 3**

    Curriculum Design and Content Delivery

- **Technical session 4**

    Assessment patterns for PO and CO

Fatima Mata National College (Autonomous), Kollam

Hands-on training "Outcome-Based Education and Graduate Attributes"

14th & 15th May 2019

List of participants

Sl.No.	Name of teachers	Board of Studies	e-mail	Mobile No.
1.	Sylvia Antony	Mathematics	sylviaantonymaths@gmail.com	9745403931
2.	Grata Ildaphonse	Statistics	grataglad@gmail.com	9496127576
3.	Sindhu V	Mathematics	amarnathsindhu@gmail.com	9847686398
4.	Rosini B	Mathematics	rosinib14@gmail.com	9895579916
5.	Vimala V.	Physics	vvfmnc@gmail.com	9496740011
6.	Sheena Mary Y (Ph D)	Physics	ysheena@rediffmail.com	9895471621
7.	Sunil A	Physics	sunilfmnc@gmail.com	9495378615
8.	Apsara A.P (Ph D)	Chemistry	apsaraap@gmail.com	9446130476
9.	Noeline B Fernandez (Ph D)	Chemistry	fernandeznoeline@gmail.com	8281912148
10.	Mini V	Chemistry	mini_978@yahoo.co.in	9497024741
11.	Sherin Mol CB	Chemistry	email2sherin@gmail.com	9446273282
12.	Suma N (Ph D)	Polymer Chemistry	dr.suma66@gmail.com	9446963170
13.	Mary Nancy T.E (Ph D)	Polymer Chemistry	mnancyjcm@gmail.com	9496054169
14.	Shibu Joseph (Ph D)	Polymer Chemistry	shibujoseph@fatimacollege.net	9048384582
15.	Dr. Merilyn V.J.	Botany	merilynvj@gmail.com	9446515194
16.	Rubin Jose A.S (Ph D)	Botany	scientistrubin@yahoo.co.in	9446101339
17.	Shaiju P.N (Ph D)	Botany	shaiju@fatimacollege.net	9447343640
18.	Sherly Williams (Ph D)	Zoology	sherlyrobin@rediffmail.com	9495036719
19.	Nisha	Zoology	nisha.thomasp@rediffmail.com	9947632558

	Thomas Panikkaveetil			
20.	Sarlin P.J (Ph D)	Zoology	sarlinpoly@yahoo.com	9747887665
21.	Anil Jose (Ph D)	Psychology	aniljoseps@gmail.com	9995316576
22.	Saji Mon (Ph D)	Psychology	psysaji@gmail.com	9895028298
23.	MR Shelly (Ph D)	Malayalam	mathiashelly@gmail.com	9961485059
24.	Mary C	Malayalam	maryjob@gmail.com	9539060556
25.	U Girish	Sanskrit	giriufmnc@gmail.com	9447517024
26.	Satheesh Kumar G (Ph D)	Hindi	gsatheeshkumar7@gmail.com	9447070824
27.	A. R Titus (Ph D)	Economics	titusraymond@gmail.com	9387657329
28.	Mary Antony (Ph D)	Economics	mary10antony@gmail.com	8289929609
29.	Stella S	Economics	eishamariaa05@gmail.com	9995104029
30.	Joseph James V (Ph D)	Commerce	drjj1964@gmail.com	9447744507
31.	Sangeetha Vincent	Commerce	sangeethavincentfmnc@gmail.com	9446118726
32.	John Britto	Commerce	Johnbritto.j10@gmail.com	9497360117
33.	Cynthia Catherine Michael (Ph D)	English	cynthiamichael2006@yahoo.com	9846842116
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35.	M Supriya (Ph D)	English	supriyamnair@gmail.com	9847735119
36.	Linda Pious John	French	linda_pious@yahoo.com	9847198827
37.	Dr. C. Francis	History	francischellan@gmail.com	9495424682
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39.	Ms. Nimisha V.O.	Computer Science	nimi797@gmail.com	9497674947
40.	Ms. Soorya Surendran	Computer Science	sooryaumesh@gmail.com	9947234430
41.	Ms. Navya Eden	English	navyaeden007@gmail.com	8547573726
42.	Sr. Juliet Jose		Juliet123joseph@gmail.com	9447206994

43.	Santhini Villiam	Commerce	santhinivilliam@gmail.com	9605582781
44.	Ms. Anitha K.S.	Commerce	ksanitha4822@gmail.com	9400694822

Thank u

Principal

Title of the Seminar : "**ICT in Student-Centric Learning-**

The Way Ahead in Quality Education"

Day 1: 15.02.2019 (FN)

The programme began at 9.30 am invoking the blessings of God. The official inaugural function of the Seminar on "ICT in Student-Centric Learning-The Way Ahead in Quality Education" was presided over by the Principal, Dr. Vincent B. Netto. The Secretary IQAC, Dr. S. Parvathy welcomed the gathering. The keynote speaker was **Dr. M.G. Sethuraman**, Professor of Chemistry & IQAC Director, TheGandhigram Rural Institute-Deemed to be University, Dindigul. The theme of the keynote address was "Outcome Based Education in Student Centered and ICT Enabled Learning". The focus points of his lecture was:

- The significance of education being outcome-based in the higher education sector
- The components of Outcome-based education : Programme Educational Objectives (Technical Proficiency, Professional Growth, Management Skills), Programme Specific Outcomes (Scientific Knowledge, Problems Analysis, Design/development of solutions) and Course Outcomes (consistent with programme goals, core curriculum outcomes and university mission.)

The meeting ended with a vote of thanks by the convenor, Dr. Noeline B. Fernandez.

Day 1: 15.02.2019 (AN)

In the afternoon session, Mr. Riji N. Das, Senior Knowledge officer, ICT Acdemy, Government of Kerala and his team delivered a lecture on:

- "Tips & Tricks for Exploring the Technology World
  - o Effective retrieval of Information from web using Search Engines.
  - o Quick Answers to User Queries using Computational Engines.
  - o Quick Backup & Restore of data using OneDrive, Dropbox or Google Drive.
- Connect with the Digital World

o Awareness about Online Services & Tools.

Day 2: 16.02.2019 (FN)

The forenoon session of the seminar on second day began at 9.30 am. Ms. Madhuri L. Knowledge Officer, ICT Academy, Government of kerala and her team handled the session by extending a lecture cum hands-on training on MOODLE, which our institution plans to implement in the coming academic year. The topics covered in the session were:

- Enrich Knowledge & Extend Horizon
  o Possibilities of MOOCs in Arts and Science Education.
- Extend Instruction Outside the Classroom using MOODLE
  o Resource Sharing with Students.
  o Configuring Attendance and Assignments.

Day 2: 16.02.2019 (AN)

The resource person for the afternoon session was Mr. Riji N. Das, Senior Knowledge officer, ICT Acdemy, Government of Kerala, accompanied by a team. The session was also lecture cum training on implementing MOODLE at conducting online tests, submission and evaluation of assignments, creating discussion forms and feedback surveys, viewing student performance & generating reports.

Valedictory Session

The valedictory session began at 3.00 pm. The Principal, Dr. Vincent B. Netto chaired the session. Teachers have given their feedback on the programme and an analysis was done. The meeting ended with a vote of thanks.

Organised by
IQAC

Fatima Mata National College
(Autonomous)
Kollam

SPONSORED BY

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)

Oral Presentation

Oral presentations are invited from participants on topics related to ICT in teaching-learning

Important Dates
Last date for submission of papers:
8th February 2019

Registration Fee
Industry: 1000/-   Academia: 500/-
Students : 100/-

Organizing Committee
Dr. Noeline B. Fernandez
(Organizing Secretary & IQAC Co-ordinator)
Dr. Sherly Williams (Dean of Science)
Dr. Parvathy S. (Dean of Arts)
Dr. Sangeetha Vincent
Dr. Anil Kumar
Dr. Shaiju P. N
Dr. Sheena Mary Y

For registration and other details:
Dr. Noeline B. Fernandez
(Organizing secretary& IQAC Co-ordinator)
Assistant professor
PG & Research Department of Chemistry
Fatima Mata National College (Autonomous)
Kollam
Mobile: **8281912148, 9447110857**
e-mail: fmnciqac@gmail.com,
fernandeznoeline@gmail.com

Fatima Mata National College
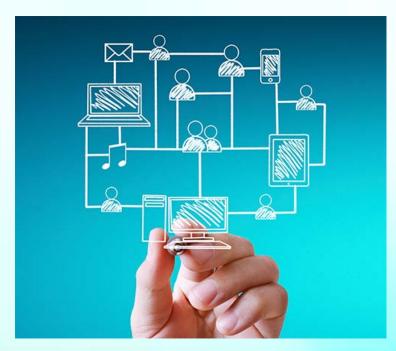### (Autonomous)
Kollam

NATIONAL SEMINAR ON

ICT IN STUDENT-CENTRIC LEARNING-THE WAY AHEAD IN QUALITY EDUCATION

February 15th & 16th 2019

Venue:
Golden Jubilee Hall
Fatima Mata National College
(Autonomous)
Kollam

Fatima Mata National College College

As early as in the beginning of the 20th century, the Diocese of Quilon established religious and educational institutions. Fatima Mata National College (Autonomous) established in 1951 with the ultimate aim of prioritizing the spread of education as the first step to the social upliftment of the backward communities. This autonomous institution of higher learning is dedicated to the task of equipping young men and women for responsible roles in India's national life.

About the Seminar

Education is a very socially oriented activity and quality education has traditionally been teacher oriented. The paradigm shift in education has made student the centre of learning with Information and Communication Technology (ICT) becoming an integral part of today's teaching learning process. NAAC has revised its Assessment and Accreditation methodology, in order to keep pace with the changing trends in higher education in the rapidly transforming global education scenario. The revised framework has a distinct focus on ICT in teaching-learning. The Information and Communication Technology (ICT) is an umbrella term that includes any communication device or application, encompassing radio, television, cellular phones, computer, and network hardware and software, satellite systems and so on, as well as the various services and applications associated with them, such as videoconferencing and distance learning. ICTs in higher education are being used for developing course material; delivering and sharing content; communication among learners, teachers and the stake holders; creation and delivery of presentations

and lectures; academic research; administrative support, student enrolment etc.

In the current information society, people have to access knowledge through ICT to keep pace with the latest developments. In such a scenario, education becomes even more important. Education not only increases the productive skills of the student but also his/her learning power. It gives them a sense of well being as well as capacity to absorb new ideas and increase their social interaction. The seminar "ICT in Student-Centric Learning-The Way Ahead in Quality Education" organized by the College, on February 15th & 16th 2019, highlights the impact of ICT on contemporary higher education and explores potential future developments. Due focus is also given on training the faculty members for using ICT tools in the student-centric learning process.

Organizing Secretary   Principal
Dr. Noeline B. Fernandez   Dr. Vincent B. Netto
Assistant Professor,
Department of Chemistry

P R O G R A M M E

DAY 1

09.00-10.00 am	Registration
10.00-10.30 am	Inauguration
10.30-12.30 pm	**Keynote Lecture**
	"Outcome Based Education in Student Centred and ICT Enabled Learning"
	Dr. M.G. Sethuraman
	Professor of Chemistry & IQAC Director
	The Gandhigram Rural Institute- Deemed to be University, Dindigul
12.30-01.30 pm	Lunch Break

1.30-03.30 pm	**Technical Session 1**
	• Tips & Tricks for Exploring the Technology World
	o Effective retrieval of Information from web using Search Engines.
	o Quick Answers to User Queries using Computational Engines.
	o Quick Backup & Restore of data using OneDrive, Dropbox or Google Drive.
	• Connect with the Digital World
	o Awareness about Online Services & Tools.
	ICT Academy, Govt. Of Kerala
3.30-4.30 pm	**Oral presentation**

DAY 2

9.30-12.30 am	**Technical Session 2**
	• Enrich Knowledge & Extend Horizon
	o Possibilities of MOOCs in Arts and Science Education.
	• Extend Instruction Outside the Classroom using MOODLE
	o Resource Sharing with Students.
	o Configuring Attendance and Assignments.
	ICT Academy, Govt. Of Kerala
12.30-01.30 pm	Lunch Break
01.30-3.00 pm	**Technical Session 3**
	• Configuring Quiz and Online Tests.
	• Evaluating Student Submissions.
	• Creating Discussion Forms and Feedback Surveys.
	• Viewing Student Performance and Generating Reports.
	ICT Academy, Govt. Of Kerala
3.00-3.30 pm	Valedictory Session

FATIMA MATA NATIONAL COLLEGE

(Autonomous), Kollam
(NAAC Re accredited - 'A' Grade)

CERTIFICATE

NAAC sponsored National Seminar on

ICT IN STUDENT-CENTRIC LEARNING -THE WAY AHEAD IN QUALITY EDUCATION

This is to certify that Mr/Ms/Dr……………………………………………………………………

………………………………………………………………………………………………………

………………………………………………………………………………………………………

…..has participated/presented a paper in the seminar on ICT in Student-Centric Learning - The Way Ahead in Quality Education conducted on 15th & 16th February 2019 at Fatima Mata National College, Kollam.

IQAC Co-ordinator   Principal
Dr Noeline B Fernandez   Dr Vincent B Netto

Report of the One Day Hands on Training Programme on

Question Bank Software

21-03-2018

Organized by

Office of the Controller of Examinations

Fatima Mata National College, Kollam

In Association with

IPSR Solutions Pvt Ltd

Report of the One Day Hand on Training Programme

Question Bank Software

21-03-2018

Fatima Mata National College was established in the year 1951 by His Excellency Rt. Rev. Dr. Jerome M Fernandez with view to providing facilities for the higher education is in the Diocese of Quilon. This year the college is celebrating its 66th year of committed service in the field of higher education. The College was granted autonomous status in the year 2014 by UGC, Government of India. Since then the office of the Controller of Examinations are conducting examinations to all programmes of UG and PG by collecting question papers from external examiners. To make the process of examination hassle free, the institution decided to implement the question bank software for conducting examinations wef 2019 admissions, subject to the ratifications of the Academic Council and the Governing Council.

A one day workshop on Question bank preparation was organized by Fatima Mata National (Autonomous) College, Kollam on 21st March 2018 in association with IPSR solutions Pvt Ltd. The meeting started at 9.30 a.m. with a very short inaugural function. Dr Manohar D. Mullassery (Assistant Controller of Examinations, Fatima Mata National College, Kollam) welcomed the gathering. Dr Vincent B. Netto (Principal, Fatima Mata National College, Kollam) presided over the function and gave a brief introduction on the challenges and difficulties on question paper preparation and emphasised the need of a question bank. The meeting came to an end by 9.45 a.m.

The workshop was attended by 100 teaching staff members including 85 from Fatima Mata National College and 15 from various government/aided colleges of Kerala. The workshop concluded by 4.30 pm.

<p align="center">**<u>Programme Schedule</u>**</p>

<p align="center">**Inaugural Function (9.45-10.15 am, 21-3-2018)**</p>

Welcome Speech   - Dr. Manohar D Mullassery

                               (Assistant Controller of Examinations)

Presidential Address   -   Dr. Vincent B Netto

                               (Principal, FMNC, Kollam)

<p align="center">**<u>Technical Session 1</u>**</p>

<p align="center">**(10.30 am-12.00)**</p>

Resource Person**-**   Dr. Mendus Jacob

                     (MD & CEO, IPSR solutions Ltd, Director of MCA Programme, Marian College, Kuttikkanam & Former Director of The School of Applicable Mathematics, M G University)

<p align="center">**<u>Technical Session 2</u>**</p>

<p align="center">**(1.45-3.15 pm)**</p>

Resource Person-   Mr. Nibin sunny

                     (Manager, Operations, IPSR solutions Pvt Ltd)

Lunch Break (1.00 pm-1.45 pm)

<p align="center">**<u>Technical Session 3</u>**</p>

Resource Person-   Mr. Nibin sunny

                     (Manager, Operations, IPSR solutions Pvt Ltd)

                         (1.45-4.00 pm)

Hands on Training

Vote of Thanks-   Prof. B Gopakumar

                     (Deputy Controller of Examinations)

The outcome of the programme:

The workshop was organized in two sessions. The first session dealt with the description of the software. It includes the various criteria to be considered for the preparation of questions for the (question) bank. In the afternoon sessions, a hands on training was given to teachers by an expert team.

QnSmart (Software) is an easy-to-use and efficient Question Paper Management Tool crafted from the expertise of Academicians and IT Professionals. It structures, standardizes and simplifies the tedious task of creating question papers. Really cost-effective, it facilitates an intelligent monitoring of question paper quality through the Bloom's Taxonomy Model, repetition control and incorporation of Best Practices recommended by accreditation agencies. The workshop was highly informative and beneficial to all.

Inaugural Function

Dr. Manohar D Mullassery, Assistant Controller of Examinations, welcoming the gathering

Session 1

Dr Mendus Jacob interacting with the audience on the structure of the *QnSmart* software. He also explained how the results can be linked to course, program specific and program outcomes.

Session 2

Mr Nibin Sunny is giving hands-on training to participants.

Session 3

Training Session

Training Session

FATIMA MATA NATIONAL COLLEGE, KOLLAM
(Autonomous)

Reaccredited with 'A' grade by NAAC
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Workshop on
"Quality Enhancement & Sustenance in Higher Education: The Emerging Trends"

20th November 2017
Venue: Seminar Hall (Golden Jubilee Block)
Organized by IQAC

About the College

As early as in the beginning of the 20th century, the Diocese of Quilon established religious and educational institutions. Fatima Mata National College was established with the ultimate aim of prioritizing the spread of education as the first step to the social uplift of the backward communities. Fatima Mata National College honours the name of Blessed Virgin Mary seen in apparition at Fatima, Portugal in 1917. The founder, Bishop Jerome Maria Fernandez, an ardent devotee of Our Lady of Fatima, wished and prayed for her maternal protection and care on every member of the college community. His patriotic spirit also envisioned every Fatimite imbued with a pan-Indian spirit and a genuine sense of dedication and service to the motherland. The Fatima motto, PER MATREM PRO PATRIA, reflects the idea of Marian devotion as a means to foster social responsibility. The pride of India's first Roman Catholic Diocese (Quilon), Fatima College crossed the significant milestone of her diamond jubilee in 2011-12, in service of the nation. This autonomous institution of higher learning is dedicated to the task of equipping young men and women for responsible roles in India's national life.

About the Seminar

Fatima Mata National College is gearing itself up for the 4th cycle of NAAC Accreditation process. NAAC has revised its Assessment and Accreditation methodology, in order to keep pace with the changing trends in higher education in the rapidly transforming global education scenario. The revised framework has a distinct focus on data capture for quantitative assessment as well as process details for qualitative assessment. In this context, the workshop is organized. Dr S. V. Sudheer, Director, UGC Human Resource Development Centre, University of Kerala, will be the resource person. The seminar focuses on the revised parameters and procedures adopted by NAAC accreditation procedure. The seminar intents to help the institution face the challenges related to Academic Excellence, Effective Documentation & Presentation and Assessment & Evaluation Methodology.

Your esteemed presence and active participation is solicited

Dr. Noeline B. Fernandez
Co-ordinator, IQAC

Dr. Vincent B. Netto
Principal

Programme

9.30 AM to 10.00 AM	:	*REGISTRATION*
10.00 AM to 10.30 AM	:	**INAUGURATION**
WELCOME	:	**Dr. Noeline B. Fernandez**
		Co-ordinator, IQAC
Presidential Address	:	**Dr. Vincent B. Netto**
		Principal
Inaugural address	:	**Dr. S.V. Sudheer**
		Director, UGC Human Resource
		Development Centre, University of Kerala
Felicitations	:	**Rev. Fr. Anil Jose**
		Manager
	:	**Rev. Dr. Rolden Jacob**
		Pro-Manager
	:	**Dr. A.R. Titus**
		Vice-Principal
Vote of Thanks	:	**Dr. S. Parvathy**
		Secretary, IQAC

TEA BREAK

11.00 AM to 1.00 PM	:	**Technical Session I**
Topic	:	NAAC Accreditation;
		Effective Documentation and Presentation
Resource Person	:	**Dr. S.V. Sudheer**
		Director, UGC Human Resource
		Development Centre, University of Kerala

LUNCH BREAK

1.30 PM to 2.45 PM	:	**Technical Session II**
Topic	:	NAAC Accreditation;
		Assessment and Evaluation Methodology.
Resource Person	:	**Dr. S.V. Sudheer**
		Director, UGC Human Resource
		Development Centre, University of Kerala
3.00 PM – 3.30 PM	:	**VALEDICTORY SESSION**

Workshop on "Quality Enhancement & Sustenance in Higher Education: The Emerging Trends"- 20th November 2017
Resource Person: Dr S.V. Sudheer S.V. (Director, Human Resource Development Centre, University of Kerala)

Seminar on "Quality Enhancement & Sustenance in Higher Education: The Emerging Trends"- 20th November 2017

Resource Person: Dr S.V. Sudheer S.V. (Director, Human Resource Development Centre, University of Kerala)

The theme of the seminar was **Continuous improvement and sustenance in Higher Education in terms of quality.** The Seminar focused on initiating strategies to adapt to recent trends in higher education - blending technology in knowledge delivery , incorporating transferable skills, providing platform for multifaceted learning. The seminar highlighted the role of an efficient system like IQAC in coordinating the audits and reports on time. The resource person also stated that there is a need to evolve certain practices in alignment with the overall Vision, Mission, and Goals of the institution, reflecting the uniqueness of the HEI and aiming the benefits of the student community at the departmental as well as at the institutional level which, over the years may develop into best practices. He addressed the participants about curriculum development in autonomous colleges and the opportunities and challenges of the autonomous system.He has given insights in building a bridge between institute and industry interface.