



INTERNAL QUALITY ASSURANCE CELL

(IQAC)

REPORT

2013-2014



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1. Introduction

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Sullamussalam Science College

The Internal Quality Assurance Cell is functioning in the college since 2005 . Activities of IQAC encompasses all academic and administrative activities of the college with following objectives

OBJECTIVES

- Instil a sense of quality consciousness in all stake-holders
- Formulate strategies for all-round development of the college
- Develop and prescribe the quality standards in the delivery of the academic and non-academic programmes
- Promote the innovative methods of teaching and learning
- Formulate internal mechanism for quality checks
- Incorporate stake-holders' input in governance
- Inculcate value system in students
- Suggest measures for improvement

IQAC activities during the period 2013-18 focussed on seven broader areas , viz. Academics with emphasis on Skill based education, Digital Campus, Innovation, Research, Green initiatives, Industry Collaboration and Infrastructure . Long and short term plans in various identified areas were framed and following activities were conducted in tune with the mission and vision of the college.

2. Department wise Bridge course for the fresh undergraduates:

A commencement workshop for all first year students is being organised every year by each major department at the beginning of the Programme from 2007 onwards. The one-week programme conducted every year during the commencement of the degree programme consists of interactive sessions focused on the taste of different departments. The programme comprised of different sessions like Talk by an eminent scholars, Presentations



on the overview of the Discipline with focus on the UG curriculum, Group learning Tutorials, Conceptual Discussions, Reading Sessions, Lectures and Tutorials on the Campus- Industry Linkages, Experimental approaches and Experimental Tools- an Introduction, Familiarization of Learning Resources, Evaluation sessions and Feedback etc. The bridge course for the year 2013-14 conducted during 15-19 July 2013. As the new era of education demands the need of web oriented learning, IQAC recommended to introduce a session on “*Web assisted learning*” during the bridge course which introduces important websites, various types of science softwares, language softwares and mobile apps useful for communication skill developments physical measurements, doing calculations and plotting graphs etc and opportunities for doing online courses.

Math-An Art of Science

Orientation Programme
for
BSc Math
(15-19 July 2013)

Name.....

**Dept of Math
S S College, Areacode
673 639**

I Schedule

Days	I	II	III	IV
Mon	Sajith	Fazeela	Sameeha	Saheeda
Tue	Fazeela	Sajith	Rafiya	Sreeja
Wed	Mafeed	Nirmala	Sameeha	Rafiya
Thu	Fazeela	Sajith	Mafeed	Bushra
Fri	Sajith	Bushra	Nirmala	Discussion

II Topics

1. Thematic Lecture : Math-An Art of Science
2. On Geometry
3. Algebra-the most Generous
4. Calculus- the infinitesimal
5. Vectors -towards Linear
6. The World of Statistics

BRIDGE COURSE PROGRAMME CHART 2013-14 (Computer Science)

Startup (Ice breaking)
SHAMEEM KAPPAN

Want to become an IT professional...? (Introduce the fascinating world of Technology)
MUNEER

Know your PC (Lab Discipline, HW and New Communication devices, new systems in mobile world, Internet, MS-Office... Etc)
AMEER AJWAD & MUHAMMED NASEEF

Enjoy your reading (Computer related books, publications, site, blogs... etc)
RIZWANA

Be a good programmer (Basic concepts of computer programming, how it works etc)
SWAPNA MOL

Syllabus and curriculum (Details of all semester syllabus topics, exam pattern, time of exam etc)
TPO (Hod: of the Department)

Mind mapping (How to make a good mind map, how it will help in daily life)
AYYOOB

Reach @ Top (Introduce computer related exams, conferences, jobs etc)
JASIR

Think wide, Grow High (Higher studies options, Institutions, opportunities etc)
RABABA KAREEM

Enjoy the English
Dr:K:MOHAMMED ISMAIL

Be a good Person
LUKMAN AREACODE (Faculty of IQ)

Feedback collection

3. Three day UGC - Sponsored National seminar on “Physics of the atom”:

The Department of Physics, Sullamussalam Science College, Areacode organized a three day National Seminar on the focal theme 'Physics of the Atom' on 4-6 July 2013. The seminar mainly included fourteen resourceful technical sessions besides the very informative inaugural and valedictory sessions. Shri.Swapnesh Kumar Malhotra (Head,



Public Awareness Division ,DAE) , Dr A. Anandkrishnan (Faculty, International School of Photonics, CUSAT , Kochi), Dr. P. Pradeep (Professor, Department of Physics, NIT,Calicut) Dr. K. Sankararaman (Associate Professor, Department of Physics, Nirmala College Thodupuzha), Dr.V.Biju (HOD Department of physics, University of Kerala), Dr. V. M. Anandakumar(Associate Professor,M. G. College Trivandrum), Dr. Muzammil

(Associate Professor, JMC Thiruchirapally) were the Resource Persons. The programme was successful in bringing together the academicians, scientists and science enthusiasts and building a platform for interaction.





<p>Day 3, (06-07-2013 Saturday)</p> <p>Technical Session XI 9:30 - 10:15 am : Dr. Muzammil (Associate Prof. JMC, Thiruchirappally) Topic: Atomic structure and High Energy Physics</p> <p>Technical Session XII 10:15 - 11:00 am : Dr. K. Sankararaman (Associate Prof. (Physics) Nirmala College, Thodupuzha) Topic: On the discovery of Atom Bombs</p> <p>11:00 - 11:10 am : Tea Break 11:10 am - 12:30 pm : Paper (Oral/Poster) Presentation of Participants</p> <p>Chair : Dr. Sajith G. (HOD, Mathematics)</p> <p>12:30 pm - 01:15 pm : Lunch Break</p> <p>Technical Session XIII 01:15 - 02:00 pm : Dr. P. Predeep (Prof. (Physics) NIT Calicut) Topic: Nano Technology - The Technology of Future</p> <p>Technical Session XIV 02:00 - 02:45 pm : Dr. V. Biju (HOD, Dept. of Physics, University of Kerala, Tvm) Topic: Probability Waves & Atoms</p> <p>Valedictory Function 02:45 pm - 4:45pm : Feedback by Participants : Certificate Distribution</p> <p>Vote of Thanks : Dr. Mohammed Shanid (Co-ordinator)</p> <p>Contact : Ph: 9847619616 9446972155 E-mail: namshanid@gmail.com</p> <p>No Registration Fee</p>	<p>LOCAL ORGANIZING COMMITTEE</p> <p>Prof. N.V. Abdurahiman (Manager, S.S. College) P. Mohammed Ilyas (Principal, S.S. College) C.A. Safeeque (Convener) (HOD, Dept. of Physics) Dr. Mohammed Shanid (Co-ordinator) (Asst. Prof. Physics) Mrs. Najiya K. M. (Asst. Prof. Physics) Abdul Rahoof K. A. (Asst. Prof. Physics) Mrs. Hajara K. (Guest Faculty) Mrs. Safa Samad (Guest Faculty)</p> <p>ADVISORY COMMITTEE</p> <p>Shri Swapnesh Kumar Malhotra (Head, Public Awareness Divn., DAE) Prof. Rajan Nambiar (Secretary, OPTIC) Dr. A. Anandakrishnan (International School of Photonics, CUSAT, Kochi) Dr. P. Predeep (NIT Calicut) Dr. Muzammil (Jamal Muhammed College, Thiruchirappally) Dr. V.M. Anandakumar (Mahatma Gandhi College, Thiruvananthapuram) Dr. K. Sankararaman (Nirmala College, Thodupuzha) Dr. V. Biju (University of Kerala, Thiruvananthapuram) Dr. Sajith G. (HOD, Mathematics)</p>	<p>INTERNAL QUALITY ASSURANCE CELL (IQAC)</p> <p>SULLAMUSSALAM SCIENCE COLLEGE, AREACODE</p>  <p>DEPARTMENT OF PHYSICS Organizes 3 DAY NATIONAL SEMINAR <i>"Physics of the Atom"</i></p> <p>On 4-6 July 2013 In Association with OPTIC</p>  <p>Sponsored by: UNIVERSITY GRANTS COMMISSION (UGC)</p>
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4. UGC-Sponsored National Seminar on ‘MSME and Economic

Development’:

The second National Seminar conducted by the Department of Commerce under the sponsorship of UGC was held from 8th to 10th of October 2013. The seminar “*MSME and Economic Development*” issues related to Micro Small and Medium Enterprises (MSMEs) in this seminar. Dr. M.N Bandhyopadhyay (Director NIT Calicut) , Dr. Mahesh Bhave (Faculty, IIM Calicut) , Sri U C Raman, (Director. Kerala State Handloom Development Corporation), Dr. Mushtaq Ahammed. (Asst. Professor, Dept. of commerce), Kerala university presented their papers in various sessions. As part of the seminar, a training program was given to the leaders of the kudumbasreeunit’s Areacode Block Panchayath. The programme aimed at helping them to manage their units. The training program was mainly focused on management of production, marketing and accounting.

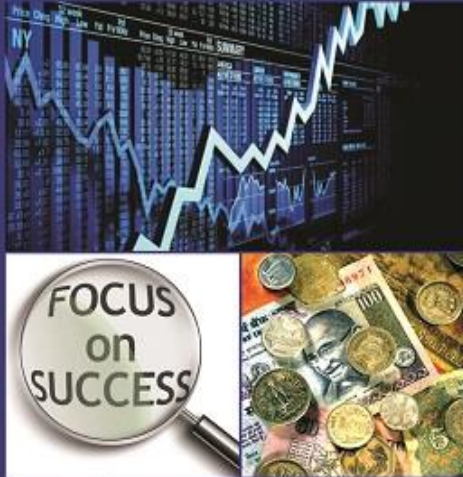


UGC SPONSORED NATIONAL SEMINAR ON MSME AND ECONOMIC DEVELOPMENT



In association with

District Industries Centre (DIC), Malappuram On 8th, 9th & 10th October 2013



Organised by

INTERNAL QUALITY ASSURANCE CELL (IQAC)

&

PG Department of Commerce, Sullamussalam Science College, Areacode

email: commercesscollege@gmail.com





**UGC SPONSORED
NATIONAL SEMINAR ON
MSME AND ECONOMIC DEVELOPMENT**

On 8th, 9th and 10th October 2013

In association with
**DISTRICT INDUSTRIES CENTRE
MALAPPURAM**

Organized by
**INTERNAL QUALITY ASSURANCE CELL (IQAC)
&
PG DEPARTMENT OF COMMERCE
SULLAMUSSALAM SCIENCE COLLEGE
AREACODE**
commercesscollege@gmail.com

*In the Name of Allah
Most Gracious, Most Merciful*

Sir,
PG Department of Commerce of Sullamussalam Science College, in collaboration with District Industries Centre (DIC) Malappuram, Organises a three day UGC sponsored national seminar on "MSME and Economic Development" on 8th, 9th and 10th of October 2013.
The topic is quite relevant as MSMEs have been accepted as the engine of economic growth for promoting equitable development. In India too, the MSMEs play a pivotal role in the overall industrial economy. As part of this seminar, we are also organising a training programme for the MSME units in the locality.
Resource persons and leaders of national repute are attending the programme. We expect your whole hearted support for the success of the programme.

Warm Regards,
P Muhammed Ilyas
Principal

Mrs. Rasiya MC
HOD, Commerce

**Programme Schedule
Day 1
08-10-2013
Inaugural Session**

9:25 Prayer
9:30 Welcome speech : P Muhammed Ilyas (Principal)
Presidential Address: Prof. NV Abdurrahman (Manager)
Inaugural Address: Dr. M N Bandyopadhyay (Director, National Institute of Technology, Calicut)
Key Note Address: Dr. Mahesh Bhave (IIM Kozhikode)
Felicitations: Mrs. Lovely (Manager, DIC Malappuram)
NV Zakariya (President, Jamiyatul Mujahideen)
Dr. PP Abdul Haque (Founder Principal)
Fulail C (College Union Chairman)
Vote of Thanks: Mrs. Rasiya (HOD, Department of Commerce)

11:25 **Tea break**
11:30 **Technical session 1**
"An Overview of MSME in India"
Chair: Dr. Deepak Dayanidhi (IIM Kozhikode)
Lecture: Sri Santalingam AD, MSMEI, Trissur.
Vote of Thanks: Muhammed Rafi.V (Faculty, Department Of Commerce)

12:30 **Lunch Break**
1:30 **Technical Session 2**
"Problems and prospects of MSME"
Chair: Dr. Muhammed Shafi (NIT Calicut)
Lecture: M Abdul Majeed, Additional Directorates of Industries (Retd.) & Special Officer, INKEL Projects, Malappuram
Vote of Thanks: Abdul Saleem .MK (Faculty, Department Of Commerce)

2:30 **Technical session 3**
"Role of DIC in Promoting MSME"
Chair: Mohandas Varyyath (Asst. Prof. Govt. College, Kodencheri)
Lecture : KT Abdul Majeed, Manager, DIC, Malappuram
Vote of Thanks: Ahammed Fayas .T (Faculty, Department Of Commerce)

**Day 2
09-10-2013**

9:30 **Technical session 4**
"Entrepreneurship Development Programmes in Kerala"
Chair: Vinesh OP (Asst. Prof. Govt. College Malappuram)
Chief Guest's Address: M J Shanavas (Hon. Member of Parliament)
Lecture: Sri Sukumar, Asso. Prof. EDI Trissur
Vote of Thanks: Bassam K (Faculty, Department of Commerce)

11:15 **Tea break**
11:30 **Technical session 5**
"Role of ED clubs in inculcating entrepreneurial traits"
Chair: Ameer Babu K (Asst. Prof. PTM Govt. College, Perintalmanna)
Lecture: MP Abdul Rasheed, Manager, DIC, Kozhikode
Vote of Thanks: Mohamed Ali. K. (Faculty, Department of Commerce)

12:30 **Lunch Break**
1:30 **Technical session 6**
"Role of Financial Institutions in the Development of MSME"
Chair: P Mujeeb Rahman (Asst. Prof. MES College, Mampad)
Lecture: Sri Premraj, Manager, KFC (Retd.)
Vote of Thanks: Abdul Saleem .MK (Faculty, Department of Commerce)

2:30 **Technical Session 7**
" Impact of business incubation centres on young entrepreneurs"
Lecture: Mr. Tom (Startup Village, Ernakulam)
Chair: Lt. Abdul Asees. P
Analysis : (Asst. professor, Dept of commerce, Farook College)
Vote of Thanks: Ahammed Fayas .T (Faculty, Department of Commerce)

**Day 3
10-10-2013**

9:30: Welcome speech: Muhammed Ilyas. P (Principal)
Inauguration: Sri UC Raman (Director, Kerala State Handloom Development Corporation)
Felicitation : PP Safarullah (President, Areacode Grampanchayath)
Vote Of Thanks: Mrs. Rasiya MC (HOD, Department of Commerce)

10:30: Training program to Kudumbasree units' leaders of Areacode Block Panchayath for managing their units. (Areas of training: Management of Production, Marketing and Accounting)
Resource Persons: Mr. Ashraf (Abona Food Products)
Mr. Dwaraka Unni (MD, MECON engineering cluster, Malappuram)
Vote Of Thanks: Ms. Benzmeer (Faculty, Dept. of Commerce)

12:30: **Lunch Break**
1:30: **Technical Session 8**
"Business incubation for MSME"
Chair: Aravind J (Asst. Prof. in Commerce, NSS College, Manjeri)
Lecture: Dr. Preethi (Manager, Technology Business Incubator, NIT Calicut)
Vote of Thanks: Ashika Munnthas (Faculty, Dept. of Commerce)

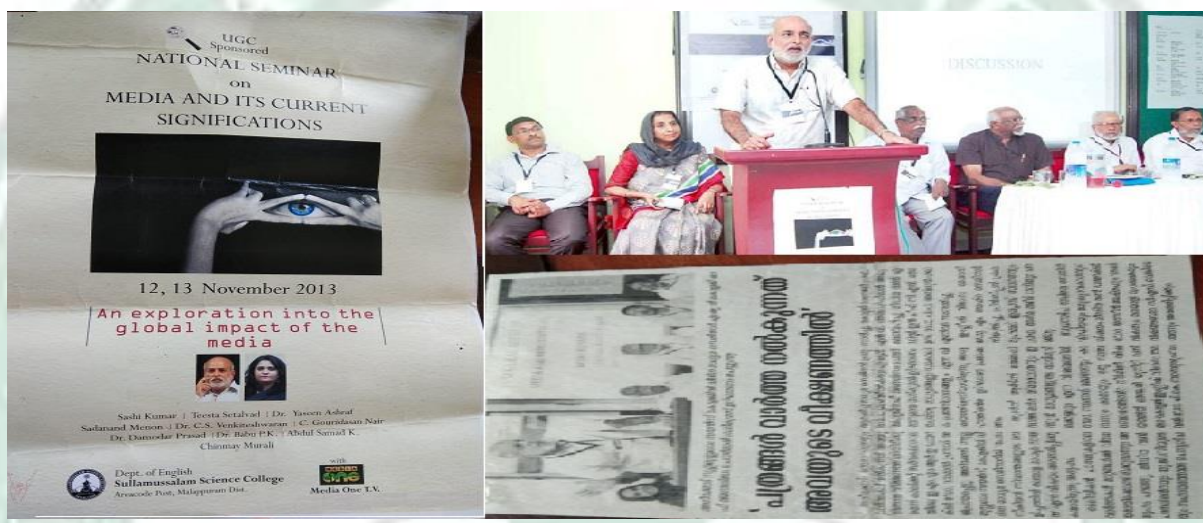
3:30 **Valedictory Session :**

5. The UGC sponsored National seminar on "Media and its Current Significations":

The UGC sponsored National seminar on "Media and its Current Significations" was organized by the Department of English on 12th and 13th of October 2013 in collaboration with Media One channel. The seminar was inaugurated by Shasikumar, an eminent media person and director, Asian College of Journalism. Well known scholars from media and communication presented papers and interacted with the audience which included students and media persons. The seminar had Sashi Kumar (Chairman, Asian College of Journalism), Sadanand Menon (writer and critic), Dr. Damodar Prasad (Director EMMRC, University of Calicut), Dr. Babu P.K. (Head, Department of English, KAHM Unity Women's College, Manjeri), Dr. K.K. Kunhammad (Assistant Professor, Department of Studies in English, Kannur University), Dr. Yaseen Ashraf (Director, Media One TV), Dr. C.S. Venkiteswaran



(Assistant Professor, Gulathi Institute of Finance and Taxation), Abdul Samad K (Assistant Professor, Department of English, PSMO College, Thirurangadi), C. Gouridasan Nair (Chief of The Bureau, Kerala, The Hindu) as resource persons. In the parallel session, teachers from the department and other colleges presented papers. It was decided to publish a book of papers presented at the seminar titled *Faces of the Media*. About 80 delegates from various colleges and university departments attended the programme. The seminar brought academicians and journalists together. It paved the way for meaningful deliberations which could redraw the contours of both academic and journalistic endeavors.



6. UGC - Sponsored National Seminar on “Advances in Computing Communication and Technology (ACCA)”:

The UGC sponsored national seminar conducted by the Department of Computer Science ‘Advances in Computing Communication and Technology (ACCA)’ was held on 20th and 21st of November 2013. The objective of the seminar was to provide a platform for current research in the area of Computing and Communication Technologies. Research scholars from various parts of the country presented their papers in the conference. All the members of the faculty and MSc. scholars of the department also presented their research papers at the conference. Proceedings of the national conference with 32 research papers were also released after the conference.





7. UGC-Sponsored Nurture programme for Maths students on Real Analysis and Linear Algebra::

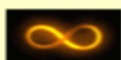
How to teach /learn Mathematics in its natural way is often a difficult problem to solve. The UGC sponsored Nurture programme in Mathematics held from 22nd to 26th January 2014 tried to answer this problem positively. It was a new experiment in Mathematics teaching and learning. This intensive training programme in basic Real analysis and Linear algebra targeted on B.Sc. final year Maths students of the University of Calicut and Kannur University, was unique in many ways. 48 students (2 students from each College) were selected based on the recommendation from the teachers of various colleges. Basic concepts were introduced to the students with live examples and creative suggestions from the experts. It was followed by problem solving sessions assisted by a cluster of faculties from different colleges. Prof. E. K. Narayanan, from the Indian Institute of Science and Prof. Ratikanta Panda, from the University of Delhi engaged sessions on Real Analysis. Sessions on Linear Algebra was handled by Dr. Sanjay P.K. (NITC) and Dr. Vijayarajan (KSOM). Group discussions improved the students' creativity and understanding level to its maximum. This learner oriented approach was appreciated well by the students community and it was proved that it can be successfully adopted at various levels in UG and PG programmes.

**Nurture Programme in Mathematics**

UGC Workshop For BSc. Math Students
Internal Quality Assurance Cell (IQAC)
S S College , Areacode 22-26 January 2014

**About the workshop**

An instructional workshop on Real Analysis and Linear Algebra will be held at S.S College , Areacode from 22 - 26 of January 2014. The workshop targets BSc. Final Semester students of Mathematics . The workshop will cover the basics of Real Analysis in the first four days. There will be three lectures a day and one tutorial. The last day is devoted to lectures on Special Topics.

**Resource Persons**

- Prof. E . K Narayanan (IISc. Bangalore)
- Prof. Ratikanta Panda (University of Delhi)
- Prof. Vijayarajan A.K (KSOM Kunnammangalam)
- Prof. Sanjay P K (NIT Calicut)

Persons interested may send their application with the registration details by e - mail or post on or before 15 January 2014. Selected participants will be informed by 18 January 2014.

E-Mail

sscnpms@gmail.com

Registration Proforma

Name:
Course:
Institution:
Address:
Contact number :
Email:
References:
Accommodation required : Y/N

Working lunch will be provided for the participants. Outstation participants can avail themselves their accommodation and local hospitality on request.

Contact

Sajith G (Co - ordinator)
Dept of Math, S S College, Areacode,
Ugrapuram, Malappuram 673 639
(Mob: 9447512488)



Nurture Programme
For
Math Students

on

Real Analysis and Linear
Algebra



Math club
S S College

22-26 January 2014
Supported by
UGC

Internal Quality Assurance Cell (IQAC)
&
Department of Mathematics
S S College , Areacode
673 639

8. Handing over the house constructed under 'A House a Year Programme' :

The sixth house of 'A house a year' project was completed in 2013. A concrete house was constructed for a poor homeless widow, Ms Shareefa, Who is living in the Vietnam colony, Ugrapuram, the adopted village of the NSS unit of the college. The fully



furnished house had one sit out, a hall, two bed rooms, a kitchen, a toilet and a bathroom. The house cost about 4 lakh rupees. Key handling ceremony of the sixth house constructed by NSS units under the super vision of IQAC was done on 24/09/2013 by Mr. K.Biju IAS (District collector Malappuram) and College Manager Prof. N.V Aburahiman presides over the function.



9. A Workshop on “Developing Research Mind” for the faculty of the college:

A Workshop on “Developing Research Mind” by Dr. K Shoukath, Professor, King Abdul Azeez University, Jeddah was held in the college on 30/07/2013. All teaching



faculty of the college attended the programme. The purpose of the programme was to encourage and to develop research mind among the staff.



10. Remedial Coaching Cell :

The Remedial Coaching scheme aims at improving the academic skills and linguistic proficiency of the students in the various subjects and raising their level of comprehension in such subjects where quantitative, technical and laboratory work is involved and to reduce their failure and dropout rate. Remedial Coaching is to be organized at Undergraduate level with a view to improve the academic skills and linguistic proficiency of the students in various subjects. To raise their level of comprehension of basic subjects to provide a stronger foundation for further academic work. To strengthen their knowledge, skills and attitudes in such subjects, where quantitative and qualitative techniques and laboratory activities are involved, so that,

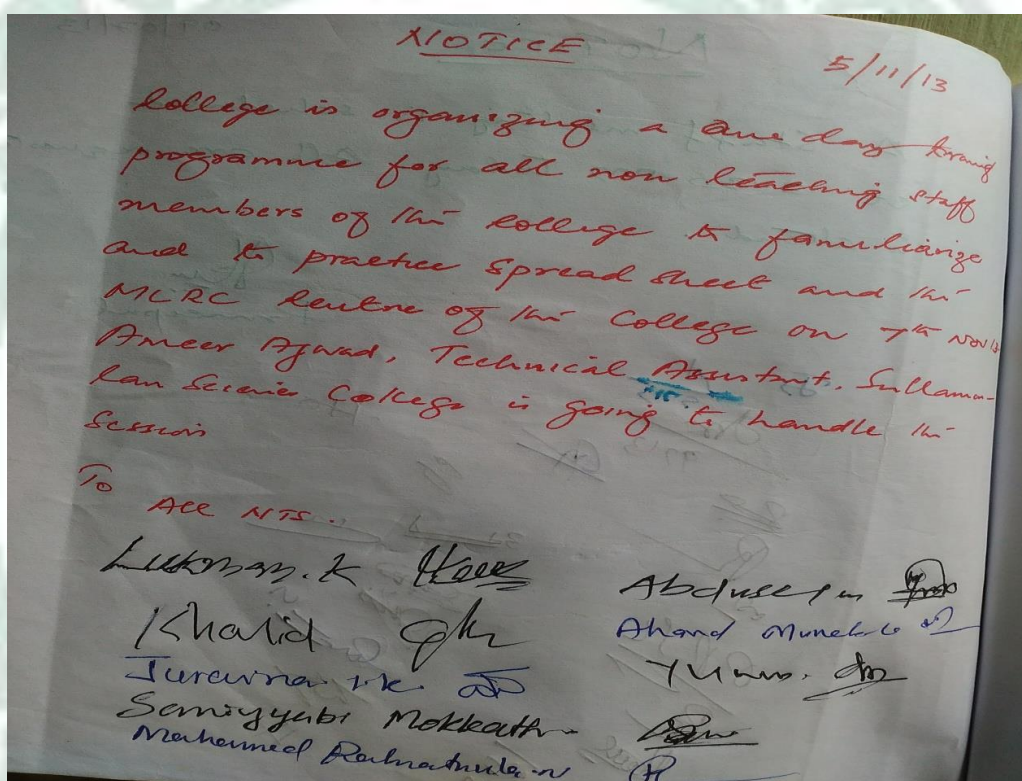


the necessary guidance and training provided under the programme may enable the student to come up to the level necessary for pursuing higher studies efficiently. Bringing the slow learners and the educationally challenged to main stream has always been one of the major priorities of the college. It is with the intension that the college set up a Remedial Teaching Cell, which sees that the academically disadvantaged students in each department get remedial classes so that they can overcome their learning handicap. Each department of the college conducted a good number of remedial classes during the period for helping the academically challenged students to improve and come to the main stream. These special sessions were held on holidays and in the evenings. Besides the classes by teachers, peer teaching is also done regularly for which the services of the advanced students are well made use of.

2013-2014				
DEPT	YEAR	NO OF STUDENTS	NO OF CLASSES ENGAGED	NO OF TEACHERS
BA	1	5	13	1
	2	3	22	1
	3	3	23	1
BSc Mathematics	1	5	11	1
	2	5	20	1
	3	3	20	1
BSc Physics	1	6	20	1
	2	6	24	1
	3	6	25	1
BSc Computer Science	1	5	20	1
	2	9	20	1
	3	8	20	1
B Com	1	7	19	1
	2	10	20	1
	3	11	20	1

11. Training on Spread Sheet Management:

College organized one day training program for all non teaching staff members of the college to familiarize and to practice spread sheet at the MLRC Centre of the College on 7 November 2013.. The classes were handled by Ameer Ajwad. Technical Assistant, Sullamusaslam Scince College, Areacode. 8 non teaching staff members attended the training.



12. Auditing and Tally Training:

The college organized a one day training program on auditing and management for the non teaching staffs of the college as part of updating their knowledge in auditing and also to familiarize tally package to them on 30 January 2014. Sri. Vidya P.V, Trainer, Mahatma Training College handled the sessions. 6 non teaching staff members attended the training.