

MINUTES
of the
FORTY EIGHT MEETING
of

SCHOOL BOARD
of

SOCIS

Held on

July 20, 2018



SCHOOL OF COMPUTER AND INFORMATION SCIENCES
INDIRA GANDHI NATIONAL OPEN UNIVERSITY
MAIDAN GARHI, NEW DELHI

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SOCIS****MINUTES OF THE FORTY EIGHT MEETING OF THE SCHOOL BOARD OF SCHOOL OF COMPUTER AND INFORMATION SCIENCES (SOCIS) HELD ON JULY 20, 2018 AT 11:30 AM.**

The following are minutes of 48th Meeting of School Board of SOCIS held on July 20, 2018 at 11:30 AM in the Conference Room of NCIDE.

The following were present in the Meeting:

1. Dr. V.V. Subrahmanyam, Director, SOCIS - Chairperson
2. Prof. Ujjwal Maulik, Jadavpur University, W.B. - Member
3. Prof. Sukumar Nandi, IIT Guwahati - Member
4. Prof. C. Pandurangan, IIT Chennai - Member
5. Dr. Suman Bhattacharya, TCS - Member
6. Dr. Shikha Rai, Assistant Professor, SOJNMS - Member
7. Sh. Shashi Bhushan Sharma, Associate Professor, SOCIS - Member
8. Sh. Akshay Kumar, Associate Professor, SOCIS - Member
9. Mr. M.P. Mishra, Assistant Professor, SOCIS - Member
10. Dr. P. V. Suresh, Associate Professor, SOCIS - Special Invitee
11. Dr. Sudhansh Sharma, Assistant Professor, SOCIS - Special Invitee

Prof. R.K. Agrawal, JNU, Prof. Kapil Kumar, Prof. Manoj Kulshreshtha and Dr. R.P. Pandey could not attend the Meeting.

Chairman welcomed the members to the 48th meeting of School Board. He briefed the members about various developments that took place since last School Board Meeting. The contributions and efforts for the progress of the School made by Dr. P.V. Suresh as Chairman, School Board of SOCIS, were appreciated. Then, agenda was taken up.

Item No. 48.1 To confirm the minutes of 47th Meeting of School Board of School of Computer & Information Sciences held on February 28, 2018.

Decision The minutes of 47th meeting of School Board of SOCIS were circulated and no comments were received. The 48th meeting of School Board of SOCIS confirmed the minutes (Annexure-48.1.1) of 47th meeting of School Board of SOCIS held on February 28, 2018.

Item No. 48.2 Action Taken Report on the Minutes of 47th Meeting of School Board of SOCIS.

Item.No.	Details	Action Taken
47.7	To consider and approve the names of Examiners for Thesis submitted by Ms. Renuka S. Mathapati (En.No.100165571) ,Ph.D student, SOCIS.	Informed the Research Supervisor of Ms. Renuka and received the list of examiners for theses submitted by her.
47.8	To consider and approve the names of Examiners for Thesis submitted by Mr. Shailesh Kumar Shivakumar, En. No.131636820 , Ph.D student, SOCIS.	Approved list of examiners was sent to Research Unit for further necessary action.
47.9	To consider and approve the names of Examiners for Thesis submitted by Ms.Rucche Sharma, En. No.100165569, PhD student, SOCIS	Informed the Research Supervisor of Ms. Rucche Sharma and received the list of examiners for theses submitted by her.
47.10	To constitute Standing Committee of School Board of SOCIS for Ph.D related matters.	Notification was issued and Ist standing Committee of School Board was held on June 26, 2018. (notification attached as annexure 48.2.1)
47.11	To consider and approve Phase-1 form of Diploma in Mobile Application Development.	Phase -1 form was approved for DMAD in APC meeting and planning to have expert committee meeting very shortly.
47.12	To consider and approve Phase-0 form for major revision of MCSL-016 (Internet Concepts and Web Design) of BCA/MCA.	Planning to have expert committee meeting very soon.
47.13	To consider and approve proposal of Revision of Lab Manuals of BCSL-043 (BCA), MCSL-025 (BCA/MCA), and MCSL-054 (Section-1) (MCA).	As there is no change in the syllabus, decided not to have any revision for Lab Manuals for these courses.
47.14	To consider and provide guidance regarding compulsory implementation of module syllabus on Environmental Studies for undergraduate course for all branches of higher education as per directives of the hon'ble Supreme Court of India.	No further comments have received
47.15	To consider and recommend the names of TEE Answer Script Evaluators for MCA, BCA & CIT Programmes.	The approved list has been sent to SED.

Item No. 48.3 To consider and approve the Minutes of 1st Meeting of School Board Standing Committee held on 26th June, 2018.

Decision: The minutes of 1st meeting of School Board Standing Committee of SOCIS held on 26th June, 2018 were circulated. The 48th Meeting of School Board considered and approved the Minutes (Annexure-48.3.1) of 1st meeting of School Board Standing Committee of SOCIS held on 26th June, 2018.

Item No. 48.4 To consider and approve the Minutes of the 23rd Meeting of Doctoral Committee of SOCIS held on July 6, 2018

Decision: The minutes of 23rd meeting of Doctoral Committee were circulated and no comments were received. The 48th Meeting of School Board considered and approved the Minutes (Annexure-48.4.1) of 23rd Meeting of Doctoral Committee of SOCIS held on July 6, 2018.

Item No. 48.5 To report Viva -voce of Mr. Sanjay Pahuja, Enrollment No. 100165565, Ph.D student of SOCIS held on June 8, 2018.

Decision: Chairman reported to the members that the viva- voce of Mr. Sanjay Pahuja, Enrollment No. 100165565, Ph.D student of SOCIS was held on June 8, 2018.

Item No. 48.6 To report Viva -voce of Ms. Ruchika Asija, Enrolment No. 100165559, Ph.D student of SOCIS held on 18th July, 2018

Decision: Chairman reported to the members that the viva- voce of Ms. Ruchika Asija, Enrolment No. 100165559, Ph.D student of SOCIS was held on 18th July, 2018.

Item No. 48.7 To identify PGDCA as an individual programme of SOCIS and to be made available in the list of IGNOU Academic Programmes & to consider and approve Phase – I form of PGDCA.

Discussion: Chairman informed the members of School Board that the broad objective of the MCA programme is to prepare graduate students for productive careers in software industry and academia by providing an outstanding environment for teaching and research in the core and emerging areas of the discipline. The Programme's thrust is on giving the students a thorough and sound background in theoretical and application-oriented courses relevant to the latest computer software development. The programme emphasizes the application of software technology to solve mathematical, computing, communications/networking and commercial problems.

This Master's Degree Programme has been designed with a semester- based modular approach in mind. The first year courses are aimed at skills development in computers using various technologies, the second year is more focused on core courses providing conceptual frame work and the third year provides the specialization and the project work.

After the successful completion of first year of MCA programme a Post Graduate Diploma in Computer Applications (PGDCA) will be awarded to the student. However, this PGDCA is not listed as a separate standalone programme in our list of IGNOU academic

programmes. Moreover, in every Convocation, a gold medal is been awarded for the best performing student of PGDCA along with other programmes. This programme as standalone has a great potential of attracting many students after the completion of any under-graduate programme.

There won't be any deviation in the eligibility criteria for intake (as was set for admission to MCA programme), no. of courses in 1st and 2nd semesters, syllabus, evaluation scheme, programme delivery, compulsion of attendance (70%) for lab courses.

As it will be in the modular approach format, if the student wishes to move ahead with the MCA 2nd year, the provision of re-registration will be provided.

Decision: School Board approved the Phase-1 form of PGDCA (Annexure 48.7.1). School Board also noted that there will not be any deviation in the eligibility criteria for intake (as was set for admission to MCA programme), courses in 1st and 2nd semesters, syllabus, evaluation scheme, programme delivery, compulsion of attendance (70%) for lab courses. In all aspects, the two semesters of PGDCA proposed will be replica of first two semesters of MCA.

As it will be in the modular approach format, if the student wishes to move ahead with the MCA 2nd year, the provision of lateral entry/re-registration should be provided, as per University norms.

Item No. 48.8 To consider and approve Phase - I form of M. Phil programme.

Discussion: Dr. Sudhansh Sharma presented the item and chronologically updated the status of proposal of launching M. Phil. Programme. Members are of the opinion that as it is an intermediate degree, however, does not have enough scope in career growth. In fact, the process of applying for M. Phil is more often same as for Ph.D. Moreover, without completion of M.Phil (CS), most of the universities offer admission to Ph.D (CS) after the completion of MCA/M.Tech, etc. on clearing a written test. As per the latest guidelines of UGC, Ph.D is made as compulsory qualification for the entry level teaching job in any University.

Decision: Considering the above mentioned facts, School Board disapproved the Phase-I form of M.Phil. However, members suggested to plan for M.S (Master by Research) and MS (Master by Course Work) which may be appropriate to the present context, instead of M.Phil (CS).

Also members suggested to plan for some certificate programmes/MOOCs covering the latest areas like Cryptocurrency/Block chain, Cyber Security, Big Data, Data Science, Machine Learning, IoT, Big Data Analytics, etc.

Item No. 48.9 To consider and approve the offer of B.Sc (Computer Science) programme in CBCS mode.

Discussion: A Bachelor of Science degree (or B.Sc for short) is a degree awarded at universities around the world for completion of an undergraduate-level study in a science- or technology-related field. Enrolling in B.Sc degree program translates to making a significant investment in one's professional career. In addition to the enhanced career prospects that can be gained by taking a

Bachelor of Science, students also develop valuable technical, programming, personal skills and fulfill a crucial prerequisite to Master studies.

Recently UGC has formulated various regulations and guidelines from time to time to improve the higher education system and maintain minimum standards and quality across the Higher Educational Institutions (HEIs) in India. One of the recent announcements is the Choice Base Credit System. The CBCS provides an opportunity for the students to choose courses from the prescribed courses comprising core, elective/minor or skill based courses. The courses can be evaluated following the grading system, which is considered to be better than the conventional marks system. Therefore, it is necessary to introduce uniform grading system in the entire higher education in India. This will benefit the students to move across institutions within India to begin with and across countries. The uniform grading system will also enable potential employers in assessing the performance of the candidates. In order to bring uniformity in evaluation system and computation of the Cumulative Grade Point Average (CGPA) based on student's performance in examinations, the UGC has formulated the guidelines to be followed.

There are several templates for B.Sc (Computer Science) available on the UGC's website.

Taking the queue from it School of Computer and Information Sciences wish to move in this direction to offer B.Sc (Computer Science) and requests School Board to consider and approve the formal proposal.

Decision: Members appreciated the idea of offering B.Sc (with Computer Science) in CBCS mode and approved. Members made following suggestions:

(a) Should be simple (minimum credits) complying the template's of CBCS offer of B.Sc (with Computer Science).

(b) Should work out the details along with the BDP committee and CBCS committee of IGNOU and finalize the modalities to offer B.Sc (with Computer Science) along with other BDP courses.

Item No. 48.10 To consider and recommend the names of TEE Answer Script Evaluators, Paper Setters and Moderators for MCA, BCA and CIT Programmes.

Decision: The 48th meeting of School Board considered and recommended the names, proposed as answer script evaluators for TEE, Paper Setters and Moderators for MCA, BCA and CIT Programmes.

The Meeting ended with a vote of thanks to all.

(V.V. Subrahmanyam)
Chairman