

**IGNOU  
SOCIS**

**Minutes of the 31<sup>st</sup> School Board Meeting**

The 31<sup>st</sup> Meeting of the School Board of SOCIS was held on Oct. 23, 2010 in the conference Room of Block C, New Academic Complex, IGNOU, New Delhi-110068. The following members attended the meeting.

Prof. Manohar Lal, Director (SOCIS)	Chairman
Prof. Om Vikas, Former Director IIIT, Gwalior	Member
Prof. Chandan Singh, Punjabi University, Patiala	Member
Prof. S Arun Kumar, Prof IIT Delhi	Member
Prof. S.B. Arora, SOHS, IGNOU	Member
Prof. Kamal Yadav, SOMS, IGNOU	Member
Dr. Gurchain Singh, SOCE, IGNOU	Member
Dr. M.K. Bhardwaj, SOET, IGNOU	Member
Sh Shashi Bhushan, SOCIS, IGNOU	Member
Sh Askhay Kumar, SOCIS, IGNOU	Member
Sh P V Suresh, SOCIS, IGNOU	Member
Dr.Naveen Kumar, SOCIS, IGNOU	Member
Sh.V.V.Subrahmanyam, SOCIS, IGNOU	Special Invitee
Sh.M.P.Mishra, SOCIS, IGNOU	Special Invitee

Prof. A. K. Tripathi & Karan Bajwa could not attend the meeting.

In the beginning, the Chairman welcomed and thanked all the members of the board for sparing their valuable time for making it convenient to attend the meeting. Also, he appreciated the valuable contributions made by each of the following experts, who completed his tenure as member of the School Board:

Prof. M. Aslam, Director, SOCE, IGNOU  
Prof. B.S. Hansra, SOA, IGNOU  
Prof. S.K.D. Rao, SOL, IGNOU and  
Prof. Kamal Yadav, SOMS, IGNOU

Next, he welcomed the following new members of the School Board of SOCIS:

Prof. S.B. Arora, SOHS, IGNOU  
Prof. Kamal Yadav, SOMS, IGNOU  
Dr. Gurchain Singh, SOCE, IGNOU  
Dr. M.K. Bhardwaj, SOET, IGNOU

**Item No. 31.1 : Confirmation of the minutes of the 30<sup>th</sup> School Board Meeting of the School of Computer & Information Sciences**

**Discussion:**

Director (SOCIS) informed the members that the minutes of 30<sup>th</sup> meeting were duly circulated to its members and no comments were received on the minutes.

**Decision:**

Since no comments were received, the School Board approved the minutes of the 30<sup>th</sup> meeting of School Board of SOCIS held on May 29, 2010 (Saturday),

**Item No. 31.2 :** *Reporting Item:* Lateral entry policy for NIIT Diploma students to IGNOU B.Sc. (IT) international program (for both software engineering and networking streams).

**Item No 31.3 :** *Reporting Item:* Reconsideration of fees related to value added services for B.Sc. (IT) international and

**Item No 31.4 :** *Reporting Item:* Semester wise payment for B.Sc.(IT) as well as lateral entry students.

**Discussion in respect of Items No. 31.2, Item No. 31.3 and Item No. 31.4:**

The Programme Coordinator informed the members about launching of BSc. (IT) for international students (outside India only), offered by IGNOU in collaboration with NIIT. Phase 1, Phase 2 and Phase 3 forms had been presented in the previous board. After recommendation of the Board, the items were placed in 53<sup>rd</sup> meeting of the Academic Council.

IGNOU has entered into an agreement to launch B.Sc. (IT) jointly with NIIT for international market. In the previous school board, all the related documents including Phase 1 to Phase 3 forms have been placed. Members were informed that the Academic Council has to approve the recommendation of the School Board. The Programme Coordinator further requested the Academic Council to approve the lateral entry policy for NIIT diploma student, reconsideration of fees related to value added services and semester-wise payment terms.

**Decision in respect of Items No. 31.2, Item No. 31.3 and Item No. 31.4:**

It was suggested that 60 % weightage should be given to lateral entry examination and 40% weightage should be given to the marks obtained in NIIT Diploma. Also, the School faculty was asked to examine in detail the suggestion further.

It was also clarified that after the launch of the B.Sc. (IT) programme, new admissions will be made to only B.Sc. (IT) programme. Lateral entry scheme is only for those students who have pursued some of NIIT programme(s) before the launch of the B.Sc. (IT) programme in the country concerned.

**Item No. 31.5 :** **To consider Phase-1 form of Master of Technology (M. Tech) Computer Science Programme.**

**Discussion on Item No. 31.5:**

The following deliberations/suggestions/comments were given by the member:

1. The key point of the M Tech programme is that:
  - a. It can be scaled up starting with small batch size
  - b. It is programme that should focus on creating students who may become good researcher in the future
  - c. It also focuses on students who may have aptitude for teaching
2. For the M Tech programme SOCIS should due approval from DEC, UGC and AICTE joint committee *or* AICTE as the requirements may by.
3. There should be the requirement of three Lecture rooms for the M Tech programme. These lecture rooms should have latest IT infrastructure
4. Four laboratories may be needed for M. Tech programme:
  - a. General Lab

- b. Advanced Computing Lab for Soft Computing, Data Mining, Simulation, AI
  - c. Data Communication and Networking Lab
  - d. Project Lab
5. The labs should have sufficient manpower for its smooth operations. Some of the categories of workers needed for this are- Lab Assistants, Technical assistants and system administrator
  6. The library for M. Tech should have proper journals and Reference and Research related books.
  7. An administrative section headed by AR, SO, 2 Assistants/Senior Assistants and 3 multi-skilled workers/Data entry operators may be needed to keep track of all the administrative processes related to M. Tech.
  8. MHRD must be contacted for the scholarships
  9. The IGNOU must create provision for HOSTEL facilities for the M Tech students
  10. The M Tech may have students from QIP scheme.
  11. It was informed that the ratio of faculty to students' ratio is 1:10 for the face-to face PG programmes. IGNOU should consider enrolling about 30 student in the M. Tech. Therefore, School Board recommended that School should get approval for at least 6 new faculty positions **exclusively** for the M. Tech programmes. The school must start the programme only after obtaining more faculties.
  12. There should have budget for developing the infrastructure for the M Tech programme.

**Decision on Item No. 31.5 :**

The Phase I form was passed with the above considerations.

**Item No. 31.6: To consider Phase-1 form of Certificate in ICT Enabled Professional Skills for Police and Security Personnel**

**Discussion on Item No. 31.6 :**

Prof. Manohar Lal briefly explained about the programme and in the course he appreciated the kind help and deep involvement of Dr. Kiran Bedi in the various stages of the programme. Next, Dr. Naveen Kumar explained to the house outcomes regarding the programme and course design committees. He made a detailed presentation regarding the need, scope, course outlines, eligibility and the evaluation scheme of programme. During the discussion most of the members emphasized on the need of regional languages in the course delivery specially about the Hindi version of the programme. Prof. Om Vikas requested to the credits of the course named "Human Behaviour and Communication", if accepted by the concerned experts of the Course.

**Decision on Item No. 31.6 :**

After going through the Phase-1 Form and Programme details, Phase-1 Form of Programme "Certificate in ICT Enabled Professional Skills for Police and Security Personnel" was approved.

**Item No. 31.7 : To consider Phase-2 form of BCA programme**

**Item No. 31.8 : To consider Phase-3 form of BCA programme and**

**Item No. 31.9 : To consider Rules and Criteria for Revised BCA programme in respect of**

- a) Eligibility Criteria, and Duration of the Programme
- b) Mediums of Instruction, Mode of Delivery and Student Attendance

- c) **Software and Hardware Requirements**
- d) **Educational and Experience Criteria for Academic Counsellors, Programme Incharges, and Project Evaluators**
- e) **Course wise Number of Counseling Sessions (Theory/Lab)**
- f) **Pass % age and Evaluation Scheme**
- g) **Guidelines for Establishments of SC/PSC**

**Discussion Item No. 31.7 Item No. 31.8 and Item No. 31.9:**

These three items were discussed together. A written document and copies of relevant documents were given to each of the members of the School Board. Further the Director SOCIS elaborated in details about the processes followed during Programme Structure Design, Syllabus Design, and Framing rules and criteria's for this revised BCA Programme. The BCA Programme coordinator informed that there are many courses are practical oriented and all practical courses are based on respective theory courses. Further BCA Programme coordinator informed that the course development process is in progress and Programme is proposed to be launched in July 2011.

**Decision Item No. 31.7 Item No. 31.8 and Item No. 31.9:**

The Phase-2 Form (Annexure-1), Phase-2(Annexure-2) and Rules and Criteria for Revised BCA Programme (Annexure-3) were approved by the School Board.

**Item No. 31.10 : To consider proposal for short term courses at RCL**

The School Board felt that the school should concentrate on launching programmes like B.Sc.(International) and revision of BCA.

Such short term programmes should not be launches at RCs. The School Board also felt that such organisations may rather apply to become IGNOU study centre/programme study centre for BCA/MCA

**Item No. 31.11 : To consider for recommendation/ approval of courses as electives for M.Phil/Ph.D rogramme (s)**

***Discussion:***

Prof. Manohar Lal informed that, in addition of the three RTA's already registered as Ph.D scholars, the School has offered admission to 25 more scholars to its Ph.D programme. Each of these scholars is required to pursue course work worth 8 to 32 credits. Generally, the elective courses recommended to a scholar for pursuing under the programme, are the ones that may be useful in the research work forming a part of the PhD thesis. In view of the fact, each of the scholars was asked, through mail, to discuss and decide with his/her research guide about the courses to be pursued. Further, each of the scholar was asked to also send, for each course, a detailed syllabus proposed by the guide, for the consideration and recommendation/approval of the same by School Board and other academic bodies of the university. Also, members of School Board were requested to bring some syllabi for the courses which they thought should be offered as elective courses to the students of the Ph.D programme.

***Decision:***

The received syllabi were placed before the members of the School Board for their consideration. The syllabi were discussed and recommended for approval after incorporating some changes suggested by the members.

**Item No. 31.12: To consider the recommendations of the following candidates for admission to Ph.D Programme**

- (i) Parameshwaran Seshan
- (ii) Amit Mahajan

**Discussion on Item No. 31.12:** In this context, Prof. Manohar Lal explained the following to the members:

**(i) The Vice-Chancellor approved the following list of experts for constituting Doctoral Committee:**

- (a) Prof. S. Arun Kumar, Department of Computer Science, IIT, Delhi
- (b) Prof. Katty, School of Information and System Science, J.N.U.
- (c) Prof. K. Mustafa, Jamia Millia Islamia, University of Delhi.
- (d) Prof. Naseeb Singh, Head, Department of Computer Science, M.D.University, Rohtak

**for conducting viva and examining the research proposals and presentations of the following two candidates for admission to Ph.D programme of the School:**

- (i) Mr. Parameshwaran Seshan
- (ii) Mr. Amit Mahajan.

**On August 08, 2010, the Doctoral Committee consisting of the following:**

- 1. Prof C. P. Katti
- 2. Prof. K Mustafa
- 3. Prof . Manohar Lal,

**conducted the viva** and examined the proposals and presentations of the above mentioned candidates for admission to the programme.

**After the presentation by each of the candidates before the members of the Doctoral/Expert committee and after mutual discussion about the merit of each of the candidates, the committee made the following recommendation:**

- 1) The admission of Mr Prameswaram Seshan is recommended to Ph.D Programme in Computer Sciences under **category 'A'**, with **Prof Manohar Lal** as Ph D guide/supervisor, subject to the condition that he should modify his research proposal making its scope limited to some contextual aspects and objectives. Further he should pursue and successfully complete the Research Methodology course.

He modified the proposal accordingly. The modified proposal is approved by the two experts.

The modified title of the Ph.D Research Proposal is "**Intelligent Agents Driven Decentralized Architecture for Dynamic Business Process Systems**".

- 2) The Admission of Mr Amit Mahajan is recommended to Ph. D programme in computer Science under **category 'A'** , under the joint supervision of **Prof I. V. Malhan**, Department of library Sciences and **Prof G. S. Sambyal**, Rt. Professor, Department of Computer Science, both of Jammu University, Jammu, subject to the condition that he should modify his research proposal making its scope limited to technical problems and application of technical computer science aspects. Further he should pursue and successfully complete sixteen credit worth of core computer science courses including the Research Methodology course.

He modified the proposal accordingly. The modified proposal is approved by the two experts.

The modified title of the Ph.D Research Proposal is: "A Study of Internal attacks and network breaches over the Campus network and protecting internal assets"

**(ii) Mr. Parameshwaran Seshan** is a B.Tech in Computer Science & Engineering having scored 74.4% in B.Tech from University of Calicut. He is working as Principal – Education & Research with Infosys for around **14 years**. He has some publications to his credit including a book entitled : ***Process-Centric Architecture for IT Systems, published by Taylor and Francis.***

**Mr. Parameshwaran Seshan is eligible for admission to Ph.D in Computer Science under Category 'A'.**

As mentioned on pre-page, his admission to Ph. D in Computer Science is recommended by the Doctoral Committee held on August 02, 2010.

**(II) Mr. Amit Mahajan** is an M.Sc. in Electronics from University of Jammu having scored 61.89% in M.Sc. Apart from industry experience, he has been working in Jammu University as Systems Analyst since May 31, 2005. (*more than 5 years*).

**Mr. Amit Mahajan is eligible for admission to Ph.D in Computer Science under Category 'A'.**

As mentioned on pre-page, his admission to Ph. D in Computer Science is recommended by the Doctoral Committee held on August 02, 2010.

The matter is placed for consideration of the members of the School Board.

***Copies of all the relevant documents were supplied as a part of the agenda***

***Decision on Item No. 31.12:***

The board accepted the recommendation of the Doctoral Committee without any change and, as a consequence of the recommendations of the Doctoral Committee, recommended for approval the admission of the following candidates to the PhD programme of the School:

- (i)** Parameshwaran Seshan, under the supervision of Prof. Manohar Lal , Director, SOCIS, on his proposal entitled as: ***'Intelligent Agents Driven Decentralised Architecture for Dynamic Business Process Systems' and***
- (ii)** Amit Mahajan, under the joint supervision of Prof. I.V. Malhan, and Prof. G.S. Sambyal, both of Jammu University, Jammu, on his proposal entitled as: ***'A Study of Internal Attacks and Network Breaches over the Campus Network and Protecting Internal Assets'***,

requiring Mr. Parameshwaran Seshan to successfully complete the 8-credit worth of course on Research Methodology and Mr. Amit Mahajan to successfully complete 16 credit worth of courses including the 8-credit worth of course on Research Methodology.

**Item No. 31.13 (a) : To consider for recommendation/ approval of names of experts as supervisors/ guides for Ph.D students of IGNOU**

***Discussion on Item No. 31.13 (a) :***

Matters relating to this item have already been discussed under Item No. 31.12. A part of the explanation given by Prof. Manohar Lal and the discussion that followed among the members, is also relevant to this item.

**Decision on Item No. 31.13 (a):**

The names of the following experts were recommended for approval as PhD guides :

- (i) Prof. I.V. Malhan, Jammu University, Jammu
- (ii) Prof. G.S. Sambyal, Jammu University, Jammu.

In this specific case, jointly to guide Mr. Amit Kumar, whose name has been recommended for admission to PhD in computer science of IGNOU

**Item No. 31.13 (b): Ratification of names of experts as supervisors for Ph.D students of IGNOU – Reporting Item**

Prof. Manohar Lal mentioned that the item is just a reporting item in view of the fact that the Vice-chancellor has approved the name of Dr. Naveen Kumar , Assistant Professor, School of Computer Science, IGNOU, as Research Supervisor/Guide for guiding students registered to PhD programme of SOCIS. As per university norms, Dr. Naveen Kumar is eligible to guide students registered to PhD programme of SOCIS.

**Item No. 31.14: To consider the request from Mr. Vipul Vashisht, a Ph.D student already registered, for co-guide.**

**Discussion on Item No. 31.14 :**

Prof. Manohar Lal explained the following to the members

Mr. Vipul Vashisht, enrolment No. 100165558, registered for Ph.D programme of SOCIS in August 2010 under the supervision of Dr. G.S. Suresh Chandar, who has shifted his base from Delhi to Chennai. Mr Vipul and his guide Dr. Suresh Chander both work in the same company, and hence they will keep meeting each other, yet the frequency of meetings may become much less.

In view of the fact, Mr. Vipul Vashisht has requested Prof. Manohar Lal to become his Co-guide alongwith Dr. Suresh Chandar. Dr. Suresh Chandar has also requested Prof. Manohar Lal in this regard. Also, Prof Manohar Lal agrees to become Co-guide for Mr. Vipul Vashisht in this respect.

**Decision on Item No. 31.14**

*The members agreed to the request of Mr. Vipul Vashist and recommended that he be allowed to have Prof. Manohar Lal, Director, SOCIS as joint supervisor for him in respect of his registration to PhD in computer science in IGNOU*

**Item No. 31.15 : Reporting Item: Ratification of list of evaluators to School Board of CIT/BCA/MCA**

and

**Item No. 31.16 : Reporting Item: Ratification of list of names of project evaluators of BCA and MCA**

These items were reported to the Members for consideration of the School Board.

**Item No. 31.17 : Reporting Item : Modified Format of Project Assessment Sheet**

**Discussion:**

According to the decision of the Academic Council and its meeting held on 13th January 2009, the minimum qualifying marks for the BCA and MCA are changed from 50% to 40% in all courses including project courses of MCA and BCA. In compliance with the above decision, the Project Evaluation Sheet needs to be changed.

**Decision:**

Members have gone through the changed Project Evaluation Sheet for MCA and BCA Project Courses, and have approved the same.

The meeting ended with the vote of thanks to the chair.

(Manohar Lal)

**.IGNOU  
SOCIS**

**Minutes of the 31<sup>st</sup> School Board Meeting**

The 31<sup>st</sup> Meeting of the School Board of SOCIS was held on Oct. 23, 2010 in the conference Room of Block C, New Academic Complex, IGNOU, New Delhi-110068. The following members attended the meeting.

Prof. Manohar Lal, Director (SOCIS)	Chairman
Prof. Om Vikas, Former Director IIIT, Gwalior	Member
Prof. Chandan Singh, Punjabi University, Patiala	Member
Prof. S Arun Kumar, Prof IIT Delhi	Member
Prof. S.B. Arora, SOHS, IGNOU	Member
Prof. Kamal Yadav, SOMS, IGNOU	Member
Dr. Gurchain Singh, SOCE, IGNOU	Member
Dr. M.K. Bhardwaj, SOET, IGNOU	Member
Sh Shashi Bhushan, SOCIS, IGNOU	Member
Sh Askhay Kumar, SOCIS, IGNOU	Member
Sh P V Suresh, SOCIS, IGNOU	Member
Dr.Naveen Kumar, SOCIS, IGNOU	Member
Sh.V.V.Subrahmanyam, SOCIS, IGNOU	Special Invitee
Sh.M.P.Mishra, SOCIS, IGNOU	Special Invitee

Prof. A. K. Tripathi & Karan Bajwa could not attend the meeting.

In the beginning, the Chairman welcomed and thanked all the members of the board for sparing their valuable time for making it convenient to attend the meeting. Also, he appreciated the valuable contributions made by each of the following experts, who completed his tenure as member of the School Board:

Prof. M. Aslam, Director, SOCE, IGNOU  
Prof. B.S. Hansra, SOA, IGNOU  
Prof. S.K.D. Rao, SOL, IGNOU and  
Prof. Kamal Yadav, SOMS, IGNOU

Next, he welcomed the following new members of the School Board of SOCIS:

Prof. S.B. Arora, SOHS, IGNOU  
Prof. Kamal Yadav, SOMS, IGNOU  
Dr. Gurchain Singh, SOCE, IGNOU  
Dr. M.K. Bhardwaj, SOET, IGNOU

**Item No. 31.1 : Confirmation of the minutes of the 30<sup>th</sup> School Board Meeting of the School of Computer & Information Sciences**

**Discussion:**

Director (SOCIS) informed the members that the minutes of 30<sup>th</sup> meeting were duly circulated to its members and no comments were received on the minutes.

**Decision:**

Since no comments were received, the School Board approved the minutes of the 30<sup>th</sup> meeting of School Board of SOCIS held on May 29, 2010 (Saturday),

**Item No. 31.2 :** *Reporting Item:* Lateral entry policy for NIIT Diploma students to IGNOU B.Sc. (IT) international program (for both software engineering and networking streams).

**Item No 31.3 :** *Reporting Item:* Reconsideration of fees related to value added services for B.Sc. (IT) international and

**Item No 31.4 :** *Reporting Item:* Semester wise payment for B.Sc.(IT) as well as lateral entry students.

**Discussion in respect of Items No. 31.2, Item No. 31.3 and Item No. 31.4:**

The Programme Coordinator informed the members about launching of BSc. (IT) for international students (outside India only), offered by IGNOU in collaboration with NIIT. Phase 1, Phase 2 and Phase 3 forms had been presented in the previous board. After recommendation of the Board, the items were placed in 53<sup>rd</sup> meeting of the Academic Council.

IGNOU has entered into an agreement to launch B.Sc. (IT) jointly with NIIT for international market. In the previous school board, all the related documents including Phase 1 to Phase 3 forms have been placed. Members were informed that the Academic Council has to approve the recommendation of the School Board. The Programme Coordinator further requested the Academic Council to approve the lateral entry policy for NIIT diploma student, reconsideration of fees related to value added services and semester-wise payment terms.

**Decision in respect of Items No. 31.2, Item No. 31.3 and Item No. 31.4:**

It was suggested that 60 % weightage should be given to lateral entry examination and 40% weightage should be given to the marks obtained in NIIT Diploma. Also, the School faculty was asked to examine in detail the suggestion further.

It was also clarified that after the launch of the B.Sc. (IT) programme, new admissions will be made to only B.Sc. (IT) programme. Lateral entry scheme is only for those students who have pursued some of NIIT programme(s) before the launch of the B.Sc. (IT) programme in the country concerned.

**Item No. 31.5 :** **To consider Phase-1 form of Master of Technology (M. Tech) Computer Science Programme.**

**Discussion on Item No. 31.5:**

The following deliberations/suggestions/comments were given by the member:

5. The key point of the M Tech programme is that:
  - a. It can be scaled up starting with small batch size
  - b. It is programme that should focus on creating students who may become good researcher in the future
  - c. It also focuses on students who may have aptitude for teaching
6. For the M Tech programme SOCIS should due approval from DEC, UGC and AICTE joint committee *or* AICTE as the requirements may by.
7. There should be the requirement of three Lecture rooms for the M Tech programme. These lecture rooms should have latest IT infrastructure
8. Four laboratories may be needed for M. Tech programme:
  - a. General Lab

- b. Advanced Computing Lab for Soft Computing, Data Mining, Simulation, AI
  - e. Data Communication and Networking Lab
  - f. Project Lab
5. The labs should have sufficient manpower for its smooth operations. Some of the categories of workers needed for this are- Lab Assistants, Technical assistants and system administrator
  6. The library for M. Tech should have proper journals and Reference and Research related books.
  7. An administrative section headed by AR, SO, 2 Assistants/Senior Assistants and 3 multi-skilled workers/Data entry operators may be needed to keep track of all the administrative processes related to M. Tech.
  8. MHRD must be contacted for the scholarships
  9. The IGNOU must create provision for HOSTEL facilities for the M Tech students
  10. The M Tech may have students from QIP scheme.
  11. It was informed that the ratio of faculty to students' ratio is 1:10 for the face-to face PG programmes. IGNOU should consider enrolling about 30 student in the M. Tech. Therefore, School Board recommended that School should get approval for at least 6 new faculty positions **exclusively** for the M. Tech programmes. The school must start the programme only after obtaining more faculties.
  12. There should have budget for developing the infrastructure for the M Tech programme.

**Decision on Item No. 31.5 :**

The Phase I form was passed with the above considerations.

**Item No. 31.6: To consider Phase-1 form of Certificate in ICT Enabled Professional Skills for Police and Security Personnel**

**Discussion on Item No. 31.6 :**

Prof. Manohar Lal briefly explained about the programme and in the course he appreciated the kind help and deep involvement of Dr. Kiran Bedi in the various stages of the programme. Next, Dr. Naveen Kumar explained to the house outcomes regarding the programme and course design committees. He made a detailed presentation regarding the need, scope, course outlines, eligibility and the evaluation scheme of programme. During the discussion most of the members emphasized on the need of regional languages in the course delivery specially about the Hindi version of the programme. Prof. Om Vikas requested to the credits of the course named "Human Behaviour and Communication", if accepted by the concerned experts of the Course.

**Decision on Item No. 31.6 :**

After going through the Phase-1 Form and Programme details, Phase-1 Form of Programme "Certificate in ICT Enabled Professional Skills for Police and Security Personnel" was approved.

**Item No. 31.7 : To consider Phase-2 form of BCA programme**

**Item No. 31.8 : To consider Phase-3 form of BCA programme and**

**Item No. 31.9 : To consider Rules and Criteria for Revised BCA programme in respect of**

- a) Eligibility Criteria, and Duration of the Programme
- b) Mediums of Instruction, Mode of Delivery and Student Attendance

- c) **Software and Hardware Requirements**
- d) **Educational and Experience Criteria for Academic Counsellors, Programme Incharges, and Project Evaluators**
- e) **Course wise Number of Counseling Sessions (Theory/Lab)**
- f) **Pass % age and Evaluation Scheme**
- g) **Guidelines for Establishments of SC/PSC**

**Discussion Item No. 31.7 Item No. 31.8 and Item No. 31.9:**

These three items were discussed together. A written document and copies of relevant documents were given to each of the members of the School Board. Further the Director SOCIS elaborated in details about the processes followed during Programme Structure Design, Syllabus Design, and Framing rules and criteria's for this revised BCA Programme. The BCA Programme coordinator informed that there are many courses are practical oriented and all practical courses are based on respective theory courses. Further BCA Programme coordinator informed that the course development process is in progress and Programme is proposed to be launched in July 2011.

**Decision Item No. 31.7 Item No. 31.8 and Item No. 31.9:**

The Phase-2 Form (Annexure-1), Phase-2(Annexure-2) and Rules and Criteria for Revised BCA Programme (Annexure-3) were approved by the School Board.

**Item No. 31.10 : To consider proposal for short term courses at RCL**

The School Board felt that the school should concentrate on launching programmes like B.Sc.(International) and revision of BCA.

Such short term programmes should not be launches at RCs. The School Board also felt that such organisations may rather apply to become IGNOU study centre/programme study centre for BCA/MCA

**Item No. 31.11 : To consider for recommendation/ approval of courses as electives for M.Phil/Ph.D programme (s)**

***Discussion:***

Prof. Manohar Lal informed that, in addition of the three RTA's already registered as Ph.D scholars, the School has offered admission to 25 more scholars to its Ph.D programme. Each of these scholars is required to pursue course work worth 8 to 32 credits. Generally, the elective courses recommended to a scholar for pursuing under the programme, are the ones that may be useful in the research work forming a part of the PhD thesis. In view of the fact, each of the scholars was asked, through mail, to discuss and decide with his/her research guide about the courses to be pursued. Further, each of the scholar was asked to also send, for each course, a detailed syllabus proposed by the guide, for the consideration and recommendation/approval of the same by School Board and other academic bodies of the university. Also, members of School Board were requested to bring some syllabi for the courses which they thought should be offered as elective courses to the students of the Ph.D programme.

***Decision:***

The received syllabi were placed before the members of the School Board for their consideration. The syllabi were discussed and recommended for approval after incorporating some changes suggested by the members.

The following courses alongwith credits were approved:

<b>Name of the Course</b>	<b>Nos. of Credits</b>
1. Research Methodology	8
2. Data Mining	6
3. Machine Learning	6
4. Rough Set Theory	6
5. Fuzzy Logic & Fuzzy Systems: Theory, Simulations & Applications	6
6. Simulations and Modeling	6
7. Web Engineering	6
8. Digital Watermarking and Steganography	6
9. Advanced Operating System	6
10. Digital Image Processing	6

**Item No. 31.12: To consider the recommendations of the following candidates for admission to Ph.D Programme**

- (iii) Parameshwaran Seshan
- (iv) Amit Mahajan

**Discussion on Item No. 31.12:** In this context, Prof. Manohar Lal explained the following to the members:

**(i) The Vice-Chancellor approved the following list of experts for constituting Doctoral Committee:**

- (e) Prof. S. Arun Kumar, Department of Computer Science, IIT, Delhi
- (f) Prof. Katty, School of Information and System Science, J.N.U.
- (g) Prof. K. Mustafa, Jamia Millia Islamia, University of Delhi.
- (h) Prof. Naseeb Singh, Head, Department of Computer Science, M.D.University, Rohtak

**for conducting viva and examining the research proposals and presentations of the following two candidates for admission to Ph.D programme of the School:**

- (iii) Mr. Parameshwaran Seshan
- (iv) Mr. Amit Mahajan.

**On August 08, 2010, the Doctoral Committee consisting of the following:**

1. Prof C. P. Katti
2. Prof. K Mustafa
3. Prof . Manohar Lal,

**conducted the viva** and examined the proposals and presentations of the above mentioned candidates for admission to the programme.

**After the presentation by each of the candidates before the members of the Doctoral/Expert committee and after mutual discussion about the merit of each of the candidates, the committee made the following recommendation:**

- 2) The admission of Mr Prameswaram Seshan is recommended to Ph.D Programme in Computer Sciences under **category 'A'**, with **Prof Manohar Lal** as Ph D guide/supervisor, subject to the condition that he should modify his research proposal making its scope limited to some contextual aspects and objectives. Further he should pursue and successfully complete the Research Methodology course.

He modified the proposal accordingly. The modified proposal is approved by the two experts.

The modified title of the Ph.D Research Proposal is "**Intelligent Agents Driven Decentralized Architecture for Dynamic Business Process Systems**".

- 2) The Admission of Mr Amit Mahajan is recommended to Ph. D programme in computer Science under **category 'A'** , under the joint supervision of **Prof I. V. Malhan**, Department of library Sciences and **Prof G. S. Sambyal**, Rt. Professor, Department of Computer Science, both of Jammu University, Jammu, subject to the condition that he should modify his research proposal making its scope limited to technical problems and application of technical computer science aspects. Further he should pursue and successfully complete sixteen credit worth of core computer science courses including the Research Methodology course.

He modified the proposal accordingly. The modified proposal is approved by the two experts.

The modified title of the Ph.D Research Proposal is: "A Study of Internal attacks and network breaches over the Campus network and protecting internal assets"

**(ii) Mr. Parameshwaran Seshan** is a B.Tech in Computer Science & Engineering having scored 74.4% in B.Tech from University of Calicut. He is working as Principal – Education & Research with Infosys for around **14 years**. He has some publications to his credit including a book entitled : ***Process-Centric Architecture for IT Systems, published by Taylor and Francis.***

**Mr. Parameshwaran Seshan is eligible for admission to Ph.D in Computer Science under Category 'A'.**

As mentioned on pre-page, his admission to Ph. D in Computer Science is recommended by the Doctoral Committee held on August 02, 2010.

**(II) Mr. Amit Mahajan** is an M.Sc. in Electronics from University of Jammu having scored 61.89% in M.Sc. Apart from industry experience, he has been working in Jammu University as Systems Analyst since May 31, 2005. (*more than 5 years*).

**Mr. Amit Mahajan is eligible for admission to Ph.D in Computer Science under Category 'A'.**

As mentioned on pre-page, his admission to Ph. D in Computer Science is recommended by the Doctoral Committee held on August 02, 2010.

The matter is placed for consideration of the members of the School Board.

***Copies of all the relevant documents were supplied as a part of the agenda***

***Decision on Item No. 31.12:***

The board accepted the recommendation of the Doctoral Committee without any change and, as a consequence of the recommendations of the Doctoral Committee, recommended for approval the admission of the following candidates to the PhD programme of the School:

- (iii)** Parameshwaran Seshan, under the supervision of Prof. Manohar Lal , Director, SOCIS, on his proposal entitled as: ***'Intelligent Agents Driven Decentralised Architecture for Dynamic Business Process Systems' and***
- (iv)** Amit Mahajan, under the joint supervision of Prof. I.V. Malhan, and Prof. G.S. Sambyal, both of Jammu University, Jammu, on his proposal entitled as: ***'A Study of Internal Attacks and Network Breaches over the Campus Network and Protecting Internal Assets',***

requiring Mr. Parameshwaran Seshan to successfully complete the 8-credit worth of course on Research Methodology and Mr. Amit Mahajan to successfully complete 16 credit worth of courses including the 8-credit worth of course on Research Methodology.

**Item No. 31.13 (a) : To consider for recommendation/ approval of names of experts as supervisors/ guides for Ph.D students of IGNOU**

***Discussion on Item No. 31.13 (a) :***

Matters relating to this item have already been discussed under Item No. 31.12. A part of the explanation given by Prof. Manohar Lal and the discussion that followed among the members, is also relevant to this item.

**Decision on Item No. 31.13 (a):**

The names of the following experts were recommended for approval as PhD guides :

- (iii) Prof. I.V. Malhan, Jammu University, Jammu
- (iv) Prof. G.S. Sambyal, Jammu University, Jammu.

In this specific case, jointly to guide Mr. Amit Kumar, whose name has been recommended for admission to PhD in computer science of IGNOU

**Item No. 31.13 (b): Ratification of names of experts as supervisors for Ph.D students of IGNOU – Reporting Item**

Prof. Manohar Lal mentioned that the item is just a reporting item in view of the fact that the Vice-chancellor has approved the name of Dr. Naveen Kumar , Assistant Professor, School of Computer Science, IGNOU, as Research Supervisor/Guide for guiding students registered to PhD programme of SOCIS. As per university norms, Dr. Naveen Kumar is eligible to guide students registered to PhD programme of SOCIS.

**Item No. 31.14: To consider the request from Mr. Vipul Vashisht, a Ph.D student already registered, for co-guide.**

**Discussion on Item No. 31.14 :**

Prof. Manohar Lal explained the following to the members

Mr. Vipul Vashisht, enrolment No. 100165558, registered for Ph.D programme of SOCIS in August 2010 under the supervision of Dr. G.S. Suresh Chandar, who has shifted his base from Delhi to Chennai. Mr Vipul and his guide Dr. Suresh Chander both work in the same company, and hence they will keep meeting each other, yet the frequency of meetings may become much less.

In view of the fact, Mr. Vipul Vashisht has requested Prof. Manohar Lal to become his Co-guide alongwith Dr. Suresh Chandar. Dr. Suresh Chandar has also requested Prof. Manohar Lal in this regard. Also, Prof Manohar Lal agrees to become Co-guide for Mr. Vipul Vashisht in this respect.

**Decision on Item No. 31.14**

*The members agreed to the request of Mr. Vipul Vashist and recommended that he be allowed to have Prof. Manohar Lal, Director, SOCIS as joint supervisor for him in respect of his registration to PhD in computer science in IGNOU*

**Item No. 31.15 : Reporting Item: Ratification of list of evaluators to School Board of CIT/BCA/MCA**

and

**Item No. 31.16 : Reporting Item: Ratification of list of names of project evaluators of BCA and MCA**

These items were reported to the Members for consideration of the School Board.

**Item No. 31.17 : Reporting Item : Modified Format of Project Assessment Sheet**

**Discussion:**

According to the decision of the Academic Council and its meeting held on 13th January 2009, the minimum qualifying marks for the BCA and MCA are changed from 50% to 40% in all courses including project courses of MCA and BCA. In compliance with the above decision, the Project Evaluation Sheet needs to be changed.

**Decision:**

Members have gone through the changed Project Evaluation Sheet for MCA and BCA Project Courses, and have approved the same.

**Item No. 31.18: Constitution of Doctoral Research Committee for Registration to Ph. D Programme.**

The members recommended the following names as members of Doctoral Committee of SOCIS, for approval of the competent authority:

1. Prof. S. Arun Kumar, DCS&E, IIT Delhi
2. Prof. K. Mustafa, Deptt. Of Computer Science, Jamia Millia Islamia
3. Dr. S.K. Muttoo, University of Delhi, Delhi
4. Prof. C.P. Katti, School of Computer and System Sciences, JNU

It was also decided that the Committee will be further expanded to include experts from all major areas of Computer Science.

The meeting ended with the vote of thanks to the chair.

(Manohar Lal)