Minutes of 14th IQAC meeting held on 24th September 2021

14th meeting of Internal Quality Assurance Cell (IQAC) was held on 24th September 2021 at 2:30 PM on MS Teams (online).

Agenda for 14th IQAC meeting:

- **Agenda 1**: Review of minutes of 13th IQAC Meeting held on 11th Nov 2020 and subsequent actions taken.
- **Agenda 2**: New Initiatives, impediments & GAPS identified in the department during July 2020 till June 2021.
- **Agenda 3**: Action plan to be presented by the departments/schools for the session 2021-22 i.e. for the period July 2021 till June 2022.

1. The following members attended the meeting:

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<thead>
<tr>
<th>Name</th>
<th>Position</th>
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<tr>
<td>Prof. Nupur Prakash, Vice-Chancellor</td>
<td>In the chair</td>
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<td>Prof. Prem Vrat, Pro-Chancellor</td>
<td>Member</td>
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<td>Col. Bikram Mohanty (Retd.), Registrar</td>
<td>Member</td>
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<tr>
<td>Ms. Deepika Deswal, Dy. Manager HR</td>
<td>Member</td>
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<td>Prof. Swaran Ahuja, Dean Academics</td>
<td>Member</td>
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<tr>
<td>Dr. Rita Chhikara, Associate Professor</td>
<td>Members</td>
</tr>
<tr>
<td>Dr. Bharti Arora, Dy. Dean RDIL</td>
<td>Members</td>
</tr>
<tr>
<td>Dr. Satnam Singh, Asst. Professor</td>
<td>Members</td>
</tr>
<tr>
<td>Dr. Tapobrata Pakrashi, Asst. Professor</td>
<td>Members</td>
</tr>
<tr>
<td>Prof. Pankaj Agarwal, Convener IQAC</td>
<td>Members</td>
</tr>
<tr>
<td>Prof. R. K. Mittal, Former Director BITS, Pilani</td>
<td>Members (representative from local society, Students &amp; Alumni)</td>
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<tr>
<td>Ms. Ankita Jain, Alumni</td>
<td>Members</td>
</tr>
<tr>
<td>Mr. Sharad Mishra, VP HR – Andritz Hydro</td>
<td>Members (representative from Employers, Industrialists and</td>
</tr>
<tr>
<td>Ms. Nidhi Agrawal, COO &amp; Engg. Head</td>
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<tr>
<td>NIA Agrocommodity Marketplace Pvt. Ltd.</td>
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2. The following members could not attend the meeting:

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<th>Name</th>
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<tr>
<td>Prof. Milind Padalkar, ProChancellor(operations)</td>
<td>Special Invitee</td>
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<tr>
<td>Dr. Esha Jain, Asst. Professor</td>
<td>Member</td>
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<tr>
<td>Ms. Tanishka Tayal, Student Representative</td>
<td>Member</td>
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3. Meeting started with introduction of Prof. Nupur Prakash, Vice-Chancellor by Prof. C.B Gupta, IQAC Director. He welcomed all the members & special invitees. Thereafter following agenda items were discussed:

4. The following points were discussed in the meeting:

**Confirmation of the minutes** of the 13th meeting of IQAC held on 11th Nov 2020. Minutes of Meeting are attached as **Annexure – 1**.

Prof. Pankaj Agarwal, IQAC Convener presented the summary of efforts/actions taken/outcomes w.r.t points raised during the 13th IQAC Meeting held on 11th Nov 2020. The minutes were confirmed. **Action taken report is attached as part of Annexure – 1**

<table>
<thead>
<tr>
<th>S.N</th>
<th>Recommendation given by IQAC Committee</th>
<th>Action Taken for Implementation &amp; Outcomes</th>
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<tbody>
<tr>
<td>1</td>
<td>Department POs &amp; PSOs needs to be short &amp; crisp. They should be more objective and crisper and should lead to popularising our programmes and increased employability.</td>
<td>All the departments have revised the POs, PSOs and PEOs as per the inputs discussed during the 13th IQAC meeting. Approval of the PSO &amp; PEOs is recorded by the IQAC. Revised contents are available on website.</td>
</tr>
<tr>
<td>2</td>
<td>Streamlining the procedure for CO, PO and PSO mapping and their attainment for the university.</td>
<td>All the departments are following a centralized streamlined procedure for CO, PO &amp; PSO mapping &amp; attainment.</td>
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<tr>
<td>3</td>
<td>IPR Policy should be there to motivate</td>
<td>IPR policy of the University has been</td>
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<tr>
<td></td>
<td>the faculty for patents</td>
<td>framed. Related activities are being conducted</td>
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<td>-----------------------------------------------</td>
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</tbody>
</table>
| 4 | **Introduction of Community Service as compulsory in curriculum of all programs.** | • Community Service was integrated and implemented in the Course Schemes across all Programs from the Academic Year 2020-2021.  
• Students need to contribute 140 Volunteer Hours per year.  
• A one-hour slot was made available in the timetable.  
• Every student of the University must become a member of any Club/Professional Society of the University engaged in Community Service.  
• A Community service committee has been set up in the university. |
| 5 | **Development of Institutional facility for e-content development by faculty members** | presented by Mr. Pankaj Srivastava (Part of Annexure 1) |
| 6 | **Actions taken for improving international admissions and exchange programme** | Presented by Prof. Ram Karan Singh (Part of Annexure 1) |
| 7 | **Improving the key indicators for ARIIA and including these key indicators in curriculum.** | Presented by Dr. Satnam Singh. (Part of Annexure 1) |

5. **Prof. Nupur Prakash**, Vice Chancellor, NCU requested **Prof. R. K. Mittal**, Former Director BITS, Pilani, Mr. Sharad Mishra, VP HR – Andritz Hydro & Ms. Nidhi Agrawal, COO & Engg. Head NIA Agrocommodity Marketplace Pvt. Ltd to introduce themselves (representatives from Local Society, Employers and Industrialists)

6. **Recommendations (Based on agenda item 1)**

   i. University will continue with 140 hours of community services as per the requirements for QS Star ranking process.

   ii. **Prof. Nupur Prakash** requested **Mr. Pankaj Srivastava**, CTO to create a facility of faculty lecture recording studio or explore alternative means.

   iii. **Prof. Nupur Prakash** requested **Prof. Ram Karan Singh** to explore the possibility for admitting International students at NCU through Edcil and ICCR.

   iv. As per the inputs given by **Dr. Satnam Singh**, following areas need improvements to fulfil the requirements of NAAC/NIRF

     • Patent filing include HEI as co-applicant / co-owner
     • Start-ups and revenue generation activity needs a boost.
- Innovation Centric Student Clubs should be started.
- Required courses on Innovation/IPR should be introduced.

It was decided to establish a proper IPR cell. School of Law will formalize the process for the formulation of IPR cell latest by **31st Oct 2021**. SOL will also offer specific programs on innovations/IPR.

7. Following departments/schools presented their departments/schools as per the **Agenda 2 & Agenda 3** of the meeting
   - Dr. Swaranjeet Arora, HoD SOM
   - Dr. Kavita Khanna, HoD CSE
   - Dr. Archana Sarma, HoD SOL
   - Mr. Anirudh Kaushik, SPA
   - Ms. Deepika Deswal, Dy. Manager HR

Presentations are attached as a part of **Annexure-2**

**Prof. Nupur Prakash** expressed her satisfaction on the efforts being put by various head of the departments

8. **Recommendations (Based on agenda 2 &3):**
   i. **Ms. Nidhi Agrawal** suggested School of Management to align the courses with Industry and focus on start-ups.
   ii. **Prof. Prem Vrat** expressed his concern regarding the poor admission scenario in School of Management and other core engineering branches other than CSE. Admission team needs to put focussed efforts on admissions in Non-Computer Science streams. CSE department can contribute by preparing such students to enhance their employability skills. He also expressed concern on poor cadre ratio in various departments. HR department was requested to look into it.
   iii. **Prof. Nupur Prakash** suggested School of Management to provide suitable guidance to their faculty members and students for quality publications and make them familiar with plagiarism tools.
   iv. **Prof. Swaran Ahuja** suggested School of Management to participate in NIRF next year and to put streamlined efforts as per the indicators of NIRF
   v. **HoD CSE** requested HR to look into the cases of internal faculty members who are eligible and have applied for promotions. This will also address the cadre ratio.
   vi. **Mr. Anirudh Kaushik** to take proper feedback from recruiters and industry experts. This will help us to prepare our students in more focussed manner. **Prof. Nupur Prakash** requested SPA to prepare a summarized report (including pie chart) on the placement figures for last five years for NAAC documentation.
   vii. **Dr. Rita Chikkara** requested SPA to provide offer letters of all students as per the requirements of NAAC/NIRF latest by **15th Oct 2021**.
   viii. **Prof. Ram Karan Singh** requested SPA to consider the candidature of 2020-21 graduates for placements in the current session.
   ix. **Col. Bikram Mohanty** and **Ms. Deepika Deswal** were requested to reformulate the Grievance Redressal committee. Separate mechanism to be laid down for students,
employee & Internal complains as per the guidelines/requirements of UGC/AICTE/NAAC etc.

x. Names of Anti ragging and other prominent committees to be put on website and display boards across the campus before the commencement of new semester.

xi. **Prof. R. K. Mittal** suggested SOL to conduct/offer programs on trends like Cyber laws and harassment law, Indian Constitution etc.

xii. **Prof. R. K. Mittal** also recommended to maintain proper records of those students who have not shown interest in availing placement assistance from NCU. Details of students of higher studies also need to be maintained properly.

xiii. Head SoL suggested going for introducing “introduction to Indian Constitution” as a common course for all students for all schools and departments.

Efforts and actions taken w.r.t all recommendations made during the 14th IQAC meeting to be presented in next IQAC meeting by the concerned HoDs and HR.

The meeting ended with a vote of thanks by Prof. Pankaj Agarwal.

(Prof. C. B. Gupta)  
*Director, IQAC*

(Prof. Pankaj Agarwal)  
*Convener, IQAC*
ANNEXURE-I
MINUTES OF 13TH IQAC MEETING HELD ON 11TH NOVEMBER 2020 AT 3:00 PM ON MS TEAMS (ONLINE).

The thirteenth meeting of the Internal Quality Assurance Cell (IQAC) was held on 11th November 2020 at 3:00 PM on MS Teams (online).

The following members attended the meeting:-

1) Prof. H B Raghavendra (Vice Chancellor) Chairperson
2) Prof. Prem Vrat (Pro-Chancellor) Special Invitee
3) Prof. Swaran Ahuja (Dean Academics) Member
4) Col. Bikram Mohanty (Retd.) (Registrar) Member
5) Mr. R B Madhekar (Industry Expert) Member
6) Prof. Ram Karan Singh (Dean – RDIL and PhD Studies, HOD CEE) Member
7) Dr. Sharda Vashisth (HOD EECE) Member
8) Dr. Kavita Khanna (HOD CSE & IT) Member
9) Dr. Ambika (HoD-APS) could not attend the meeting due to prior family commitment. Dr. Hukum Singh (Associate Professor, APS department attended on her behalf) Member
10) Dr. Rohit Lather (HoD-Mechanical) Member
11) Dr. Archana Sharma (HOD - SOL) Member
12) Dr. Swaranjeet Arora (HOD-SOM & LS) Member
13) Dr. Rekha Vig (Dy. Dean – Academics, UG) Member
14) Ms. Deepika Deswal (Dy. Manager HR) Member
15) Dr. B K Gupta (Director, SPA) Special Invitee
16) Dr. Shrutimita Mehta (Chairman SAL) Special Invitee
17) Ms. Kiran Mrig (COE) Special Invitee
18) Mr. Manish Shukla (Library In-charge) Special Invitee
19) Dr. Rita Chikkara (CSE & IT department) Special Invitee
20) Prof. Avinashi Kapoor (Faculty, NCU) Special Invitee
21) Dr. Unanza Gulzar (Faculty, NCU) Special Invitee
22) Dr. Vaishali Sahu (Faculty, NCU) Special Invitee
23) Mr. Deepak Satyarthi (In-charge ICT and systems) Special Invitee
24) Shringa Vatas (Alumni, CSE) Special Invitee
25) Himanshi Sharma (Alumni, SOM) Special Invitee
26) Nishant Yadav (Student, EECE) Special invitee
27) Ojaswi Kulshrestha (Student, SOL) Special Invitee
28) Prof. Pramod Bhatia Director-IQAC
At the start of the meeting, the Chairman, and the Director, IQAC welcomed all the members and looked forward to their contribution and cooperation. Thereafter following agenda items were discussed:

1. **Confirmation of the minutes** of the 12th meeting of IQAC held on 9th September 19. Minutes of Meeting are attached as Annexure – 1.

   Dr. Pramod Bhatia, gave a detailed presentation of action taken report from the previous IQAC meeting. There were no comments from the members and the minutes were confirmed.

2. **Approval of Programme Outcome and Programme Specific Outcomes**

   Every Department/School Head presented their Programme Outcomes (POs) and Programme Specific outcomes (PSOs) for approval. It was commented that while in general POs and PSOs were well drafted however they appear to be long and not crisp, and that there was lot of verbosity involved. They should be more objective and crisper and should lead to popularising our programmes and increased employability. Departments and Schools can relook at them and improve them accordingly.

   Presentations of this agenda item are attached in Annexure – 2.

   **Responsibility:** All departments/schools should complete this activity by 15th December 2020 and upload it on their departmental website.

3. **Streamlining the procedure for CO, PO and PSO mapping and their attainment for the university.**

   This item was presented by Dr. Pramod Bhatia. It was suggested that Departments and Schools should complete this process soon.

   Presentation of this agenda item is attached in Annexure – 3.

   **Responsibility:** All departments/schools should complete this activity by 15th December.

4. **Implementation points from recently held Student Satisfaction Survey- (Dean Academics and all coordinators)**

   A student satisfaction survey was conducted by a third party during Feb. in which more than 2400 students participated.

   The feedback points were collated, and a high-level committee was set up under Chairmanship of Hon’ble Vice Chancellor. Each feedback point was analyzed and for points requiring actions, coordinators were nominated for actions. The committee has been meeting bimonthly for review and status and way forward on each point is tabulated below. Each coordinator presented the progress on their respective points.

   The following table includes broad items that were presented under this agenda.

<table>
<thead>
<tr>
<th>S No</th>
<th>Item</th>
<th>Presenter(s)</th>
<th>Objectives</th>
<th>Suggestions/Comments</th>
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<tbody>
<tr>
<td>4 (a)</td>
<td>Embedding Practical Component in Teaching</td>
<td>Prof Swaran Ahuja (Dean Academics)</td>
<td>Enhancing teaching effectiveness by embedding practical component in teaching. Increasing and improving student participation and determining the learning</td>
<td>The presentation was appreciated. There were no specific comments. Presentation of this agenda item is attached in Annexure – 4.</td>
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<td>4 (b)</td>
<td>Creating a Central Repository for university data.</td>
<td>Dr Rekha Vig (Deputy Dean - Academics)</td>
<td>Creating a Central Repository for storing all data required for NAAC, NIRF, QS Rating purposes. Making ERP more flexible and capable of reflecting the activities of all Departments simultaneously. Meticulous planning for course delivery and incorporation of time slots for Industry Visits etc.</td>
<td>It was suggested that we should keep the objective in mind while creating the Central Repository. Once the Central Repository is created, we should not again and again ask data from the departments/schools for various purposes. Presentation of this agenda item is attached in Annexure – 5. <strong>The progress should be presented in next IQAC meeting.</strong></td>
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<td>4 (c)</td>
<td>Employability of Students</td>
<td>Dr B K Gupta (Director SPA) and Mr. Shakeel Hasan</td>
<td>Enhancing students experience through better planning of placement activities. Efforts of getting all NCU students placed, irrespective of their grades. Planning PPI’s with the help of Departmental representatives.</td>
<td>It was suggested that efforts should be made to improve the average package for placements as well as to place all the students including those who have low CGPA. This will also help in improving admissions at the university. Also, efforts should be made for arranging good internships for students. Presentation of this agenda item is attached in Annexure – 6. <strong>The plan and progress should be presented in next IQAC meeting.</strong></td>
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<td>4 (d)</td>
<td>Faculty Recruitment</td>
<td>Ms Deepika Deswal (HR)</td>
<td>Present status in terms of Faculty Recruitment, Cadre Ratio, efforts for hiring good faculty.</td>
<td>Departments should put effort in recruiting senior faculty members by propagating the information and shared poster. Presentation of this agenda item is attached in Annexure – 7. <strong>Efforts in this direction should be briefed by departments in next IQAC meeting.</strong></td>
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<td>4 (e)</td>
<td>Student Activities (SAL)</td>
<td>Dr Shrutimita Mehta (Deputy Dean - Students’ Welfare)</td>
<td>Enhancing the overall experience of students by adding more Clubs and Societies at NCU. Improving the quality of students by integrating outside class activities with the curriculum. Visibility of events</td>
<td>Presentation was appreciated as many activities have been organized and planned. It was suggested that students should be encouraged for getting awards in cultural and extension activities. Also, the activities conducted by SAL should be properly utilized for branding of our university.</td>
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<td>4 (f)</td>
<td>Alumni Affairs</td>
<td>Prof. Avinashi Kapoor/Ms Mehak Khurana</td>
<td>Improving the functioning of the Alumni Association of NCU. Getting the Association registered and making the Alumni play a pivotal role in building the brand image of NCU.</td>
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<td>Alumni activities and alumni contributions need significant improvement. For this, specific time bound action plan needs to be prepared.</td>
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<td>Presentation of this agenda item is attached in Annexure – 9.</td>
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<td><strong>Plan as well as efforts should be presented in next IQAC meeting.</strong></td>
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| 4 (g) | Infrastructural Planning to Enhance Student Experience | Col. Bikram Mohanty (Registrar) | Enhancing hostel facilities (in general and for International students), arranging tie-ups with nearby Gymnasium and Swimming pool, Identifying an All Religion Prayer Room and Stationery/Book Shop. |
|   |   |   | There were no specific comments. |
|   |   |   | Presentation of this agenda item is attached in Annexure – 10. |

5. **SOP for financial assistance students**
   This item was presented by Ms. Amanpreet Kaur. There were no major comments.

   Presentation of this agenda item is attached in Annexure – 11.

   **Responsibility:** Chairman SAL and Ms. Amanpreet Kaur should complete this activity and circulate the SOP by 30th December.

6. **IPR Policy should be there to motivate the faculty for patents**
   Coordinator IPR Cell - Ms. Unanza Gulzar will present this item.

   We need to make this IPR cell functional and effective. Faculty should be provided support for filing patents through this cell.

   Presentation of this agenda item is attached in Annexure – 12.

   **Plan as well as efforts should be presented in next IQAC meeting. Also, IPR policy should be circulated by 30th Dec 2020.**
7. **Introduction of Community Service as compulsory in curriculum of all programs (Dr Vaishali Sahu)**

As approved in Academic Council meeting held on 16th Sept., 2020, NCU has taken an initiative towards holistic development of students for introducing Community Service as compulsory component in all UG/PG Curriculums. This is in line with the NEP-2020 and also UGC guidelines on fostering social responsibility issued in Jan. 2020. All the Schemes have been modified to include this component. Under the scheme, each student is required to do 140 Hrs of community service/year. This shall help the University in improving national/international rankings. Dr. Vaishali Sahu, presented the implementation proposal.

It was suggested that student should be motivated by making the process simple, smooth, and effective.

Presentation of this agenda item is attached in *Annexure – 13.*

*Efforts and outcome should be presented in next IQAC meeting.*

8. **Actions taken based on UGC/ Haryana Govt directives**

During Lockdown period, a number of directives have been received from Haryana Govt./UGC for conducting classes and examinations and declaration of results. Dy Dean (Academics) presented a summary of decisions and issues faced regarding online classes and online examinations. The presentation included the corrective actions taken and way forward.

There were no specific comments. Presentation of this agenda item is attached in *Annexure – 14.*

9. **Development of Institutional facility for e-content development by faculty members**

The update was presented by Mr. Deepak Satyarthi.

It was suggested that this should be created as soon as possible, as Lecture Capturing Solution are the focus these days due to prevailing situation.

*Progress should be presented in next IQAC meeting.*
*Also, this facility should be created by 11th December 2020.*

10. **Policy for incentives to teachers who receive state, national and international recognitions/awards**

HR presented the first draft of policy. It was suggested that the policy should be finalized as soon as possible, by taking input from VC, Pro-Chancellor and Dean Academics.

Presentation of this agenda item is attached in *Annexure – 15.*

*Policy should be circulated by 15th December 2020*

11. **Plan for improving international admissions and exchange programme**

The item was presented by Chairman, *International Relation Office.*
It was suggested that his office should set time-based targets for implementation. Also, efforts should be made to rejuvenate earlier association and MOUs.

Presentation of this agenda item is attached in Annexure – 16.

**Efforts and actions regrading above should be briefed in next IQAC meeting. Also, progress report should be sent to VC office at least once in every 15 days.**

12. **Other points of discussion**

Following points were suggested

1) In the IQAC meetings, instead of focusing on information, focus should be on discussion on key issues, action points, new ideas and help need from university for proper execution.

2) All departments need to make efforts in improving the key indicators for ARIIA and should include these key indicators in curriculum. Departments will present the progress regarding this in the next IQAC meeting.

There being no other agenda item for discussion, the meeting ended at 6:30 PM with vote of thanks to the chair.

Regards

Pramod Bhatia
Director IQAC
Development of Institutional Facility for E-Content Development by Faculty Members

Pankaj Srivastava
Existing Infrastructure

Microsoft Teams

Zoom

Canvas

Adobe Creative Suite
Recommended Infrastructure

Lecture Recording Studio

Content Design Tools

Live streaming Lecture Infrastructure
Thank You
International admissions and exchange programme

1. Proposal, led and funded by UIDE, one of the top universities in Ecuador, and member of the Cintana Alliance
2. Haryana State Higher Education Council is facilitating interactive session with British Council, UK
3. Western International College London are pleased to announce the launch of their new London Summer School 2021
4. Career Uttsav – Indian Pavilion at 17th International Education Show, Sharjah, UAE from 19-21 October, 2021
5. EDCIL India Limited, Delhi
6. ICCR, India, Delhi
Proposal led and funded by UIDE, one of the top universities in Ecuador, and member of the CINTANA Alliance:

List of the NCU faculty members interested in different projects, department/school wise has been shared for the further processing

Annexure-II: The list of the four projects floated by UIDE

1. Customizing Sustainable Tourism Development for Island Destinations: Assessing Socio-Ecological and Socio-Economic Indicators, the case of Galápagos Island. (4)

2. Environmental and biological factors on the risk of developing non communicable diseases throughout the life cycle. (6)

3. Environmental assessment for energy generation and consumption, and the sustainability for the use of alternative ecological fuels in the Galapagos Islands. (3)

4. Compost production based on biomass from exotic plants at Galapagos Island. (1)

Dr. Alberto/Dr. Agueda will contact further.
Haryana State Higher Education Council facilitated interactive session with British Council, UK in NCU Auditorium on 23.09.2021 (11-2 PM)
The NCU can take the lead for submitting project though British Council & UKIERI in future:

Rashi Jain
Director – North India
British Council Division, British High Commission
17 Kasturba Gandhi Marg, New Delhi 110 001, India
M +91 9810041909
Rashi.Jain1@britishcouncil.org
www.britishcouncil.in

Rittika C Parruck
Director Education, India
British Council Division, British High Commission
17 Kasturba Gandhi Marg, New Delhi 110001 India
M +91 9873899201
rittika.chandaparruck@britishcouncil.org
www.britishcouncil.in
International Summer School and Career Uttsav updates:

3. Western International College London are pleased to announce the launch of their new London Summer School 2021

4. Career Uttsav – Indian Pavilion at 17th International Education Show, Sharjah, UAE from 19-21 October, 2021
MISSION
To drive disruptive improvements in education and HR outcomes through innovative, technology-led offerings, with highest efficiency and ethical standard to domestics and global clients, and to be the preferred education sector employer.
Indian Council for Cultural Relations:

The Indian Council for Cultural Relations (ICCR) was founded in 1950 by Maulana Abul Kalam Azad, independent India’s first Education Minister. Its objectives are to actively participate in the formulation and implementation of policies and programmes pertaining to India’s external cultural relations; to foster and strengthen cultural relations and mutual understanding between India and other countries; to promote cultural exchanges with other countries and people, and to develop relations with nations.

ICCR Activities

- Online Poster and Painting Competition 2021
- ICCR Scholarship
- Outgoing Cultural Delegations
- Conferences & Seminars
- Incoming Cultural Delegations
- Promotion of Hindi
- Empalement of ICCR
- Foreign Visitor’s Programme
- Events and Exhibitions
- ICCR Awards
- Gift of Busts and Statues
- Current Events
- International Yoga day Celebration
- Speeches / Statements / Press Releases
- E-Books
Thank You
Improving the key indicators for ARIIA

Dr. Satnam Singh and Dr. Esha Jain

THE NORTHCAP UNIVERSITY
Certificate of Appreciation

This is to certify that

The NorthCap University, Gurugram

is categorized as 'Bond A' institution (rank between 06-25) in category of 'University & deemed to be University (Private-Self-Financed)' in Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2020 announced on 18th Aug 2020.

Dr. Anil D Sahasrabudhe
Chairman, AICTE

Sh. Amit Khare
Secretary (HE), MHRD

Dr. Abhay Jere
Chief Innovation Officer
MHRD's Innovation Cell
ARIIA 2021 Framework

The framework of ARIIA is comprising of parameters and sub-parameters on following major areas.

- Developing an Innovative and Entrepreneurial Mind-set through Series of Activities
- *Teaching and Learning Courses on Innovation, Entrepreneurship & IPR*
- Dedicated Infrastructure & Facilities to Promote Innovation & Entrepreneurship at HEI
- Successful Innovation and Start-ups Generated from HEI with Institute’s Support
- Intellectual Property (IP), Generation and Commercialization
- Annual Budget (Expense and Revenue) on Promoting and Supporting I&E Activities
## ARIIA 2021: Parameters & Weightages

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Parameters</th>
<th>Non-Technical HEI</th>
<th>Technical HEI</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Developing an Innovative and Entrepreneurial Mind-set through Series of Activities</td>
<td>8</td>
<td>4</td>
</tr>
<tr>
<td>2</td>
<td>Teaching and Learning: Academic Programmes related to Innovation &amp; Entrepreneurship (I &amp; E) &amp; IPR offered by the HEI</td>
<td>10</td>
<td>6</td>
</tr>
<tr>
<td>3</td>
<td>Dedicated Infrastructure &amp; Facilities to Promote Innovation &amp; Entrepreneurship at HEI</td>
<td>13</td>
<td>13</td>
</tr>
<tr>
<td>4</td>
<td>Generation of Innovations/ ideas with the support of HEI and recognition received</td>
<td>13</td>
<td>13</td>
</tr>
<tr>
<td>5</td>
<td>Ventures Established with the support of the HEI &amp; Recognitions Received</td>
<td>8</td>
<td>12</td>
</tr>
<tr>
<td>6A</td>
<td>Angel &amp;VC Fund/Investment Mobilized to Support Innovation &amp; Startups Incubated at HEI</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>6B</td>
<td>Promotion of Collaboration for &amp; Co-Creation of I &amp; E initiatives</td>
<td>8</td>
<td>5</td>
</tr>
<tr>
<td>7</td>
<td>Intellectual Property (IP), Generation and Commercialization</td>
<td>14</td>
<td>19</td>
</tr>
<tr>
<td>8A</td>
<td>Annual Budget on Promoting and Supporting I&amp;E Activities; Total expenses towards I &amp; E and IPR support activities</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>8B</td>
<td>Total Revenue Generated by HEI from Incubation Services to Startups and Commercialization of IP and Innovations</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>9</td>
<td>Participation of HEI in I &amp; E Initiative of MOE</td>
<td>11</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>100</strong></td>
<td><strong>100</strong></td>
</tr>
</tbody>
</table>
Major Improvements Required:

- Patents should include HEI as co-applicant / co-owner (Mechanism for funding required)
- Startups and revenue generation.
- Lack of Idea/Innovation Centric Student Clubs.
- Required courses on Innovation/IPR.
Thank You!
ANNEXURE-II
IQAC MEETING
SOM
24th September 2021
Agenda 1: Review of minutes of 13th IQAC Meeting held on 11th Nov 2020 and subsequent actions taken
Department POs & PSOs needs to be short & crisp

- The POs and PSOs of all the programmes have been revised and have been uploaded on the NCU website after discussion and approval of the Dean Academics.

- ANNEXURE I

Streamlining the procedure for CO, PO and PSO mapping and their attainment for the University

- The CO-PO-PSO mapping procedure as suggested by Dr. Rita Chhikara, is implemented. The faculty course booklets have been prepared following the same.

- ANNEXURE II

Introduction of Community Service as compulsory in curriculum of all programs

- SOM has implemented Community Service as a compulsory course in the curriculum of all five programs with effect from Aug-Dec 2020, after approval of BOS and Academic Council; **BBA, B.Com (H), B.A.(H) Economics and B.A. (H) Psychology**

- BoS dated 27th November 2020

- ANNEXURE III
Agenda 2: Department highlights & GAPS identified in July 2020 till June 21
1\textsuperscript{st} Gap: Observations from Internal Audit

<table>
<thead>
<tr>
<th>Observations of Internal Audit</th>
</tr>
</thead>
<tbody>
<tr>
<td>6th INTERNAL AUDIT OF DEPARTMENTS (07 – 10 AUGUST 2018)</td>
</tr>
<tr>
<td>• SOM was found unsatisfactory with remark “Need to put in substantial efforts to improve presentation, quality of slides, documentation and active participation by faculty”</td>
</tr>
<tr>
<td>• Maintenance of Course Booklet and mapping of PO</td>
</tr>
<tr>
<td>• Large numbers of visiting faculty have been employed compared to permanent faculty</td>
</tr>
<tr>
<td>• steps to remedy the functioning of the School need to be initiated on a war footing.</td>
</tr>
<tr>
<td>• Research output was observed to be low</td>
</tr>
</tbody>
</table>
Measures Adopted

Improvement in Documentation

1. Documentation for last 5 years has been explored, identified and prepared as per the requirement of NAAC and been duly submitted to the NAAC team.

Alumni database was missing—a committee of faculty and students was formed by SOM for identifying the alumni data and this data has been 50% updated, and the rest is in process.
Active participation by faculty members

- Organizing inter-institute events
- Research
- Outreach
- Academic participation: full teaching load and CS-GP mentorship, advanced learner strategy, weak student remedial classes
- Organizing conferences and funded events
- Media visibility
- International visibility
- Upskilling
Maintenance of Course Booklet and mapping of PO

• The CO-PO-PSO mapping procedure as suggested by Dr. Rita Chhikara, is implemented. The faculty course booklets have been prepared following the same for last 5 years.

• From 2020-21, it has been ensured that all faculty members (regular and visiting) submit their completed booklets along with the final moderated results.

• Link to a sample folder: https://drive.google.com/drive/u/1/folders/1J3S28Hb9e9FpX6zTkeBA2YNyiYdZNKih
Large numbers of visiting faculty have been employed compared to permanent faculty

<table>
<thead>
<tr>
<th>Period</th>
<th>Regular</th>
<th>Visiting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jul-Dec 2019</td>
<td>16</td>
<td>19</td>
</tr>
<tr>
<td>Jan-June 2020</td>
<td>16</td>
<td>19</td>
</tr>
<tr>
<td>July-Dec 2020</td>
<td>17</td>
<td>9</td>
</tr>
<tr>
<td>Jan-Jun 2021</td>
<td>17</td>
<td>17</td>
</tr>
<tr>
<td>July-Dec 2021</td>
<td>20+7 (New)</td>
<td>17</td>
</tr>
<tr>
<td>Jan-Jun 2022 (Proposed)</td>
<td>20+7 (New)</td>
<td>17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Period</th>
<th>No. of students</th>
<th>Ideal ratio as per UGC Norms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total UG students at SOM</td>
<td>750</td>
<td>750/25=30</td>
</tr>
<tr>
<td>Total PG students at SOM</td>
<td>60</td>
<td>60/10=6</td>
</tr>
</tbody>
</table>

- Student teacher ratio (UG) as per UGC Norms should be 25:1
- Student teacher ratio (PG) as per UGC Norms should be 10:1
- Requirement of total faculty members – 36
- Regular to visiting faculty ratio as per UGC Norms ratio - 75:25
Inter Institute activities, Competitions and Webinars organized involving Industry Experts and Alumni

ANNEXURE VB

**Activities**
- 41 inter-institute competitions and activities were organized in 2020-2021

**Webinars**
- 09 inter-institute webinars were organized in 2020-2021
## Improved Research Output of the faculty

<table>
<thead>
<tr>
<th>Category</th>
<th>2019-2020</th>
<th>2020-2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Publications in Scopus and WoS</td>
<td>(06)</td>
<td>(11)</td>
</tr>
<tr>
<td>Publications in Google scholar</td>
<td>(06)</td>
<td>(11)</td>
</tr>
<tr>
<td>Participation in Conferences</td>
<td>(11)</td>
<td>(17)</td>
</tr>
<tr>
<td>Organizing Conferences</td>
<td>(01)</td>
<td>(01)</td>
</tr>
<tr>
<td>Total Research Scholars</td>
<td>(11)</td>
<td>(20)</td>
</tr>
<tr>
<td>Patents filed</td>
<td>(5)</td>
<td>(2)</td>
</tr>
</tbody>
</table>
Outreach and Upskilling the professional expertise of faculty (2020-2021)

<table>
<thead>
<tr>
<th>Particulars</th>
<th>No. of Faculties</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDP Attended</td>
<td>11</td>
</tr>
<tr>
<td>Webinars Attended</td>
<td>37</td>
</tr>
<tr>
<td>MOOC completed</td>
<td>22</td>
</tr>
</tbody>
</table>

Outreach Activities

| SOM Faculty Invited as Resource person | 39 |
## Academic Participation of the faculty

<table>
<thead>
<tr>
<th>Technology Driven learnings</th>
<th>Mentorship to weak students</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Use of canvas</td>
<td>• Remedial classes</td>
</tr>
<tr>
<td>• ASU content enhancement courses</td>
<td>• Peer tutor scheme</td>
</tr>
<tr>
<td>• Use of blended and supplementary MOOC courses</td>
<td>• Recorded lectures</td>
</tr>
<tr>
<td></td>
<td>• Question banks and Practice sheets</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Advance learners</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>• MOOC assisted value added courses</td>
<td>• Industry Tie ups for Internationally accredited professional qualifications (CMA (USA) and ACCA in process)</td>
</tr>
<tr>
<td>• Live Projects by students</td>
<td></td>
</tr>
</tbody>
</table>

- **Advance learners**
  - MOOC assisted value added courses
  - Live Projects by students
  - Industry Tie ups for Internationally accredited professional qualifications (CMA (USA) and ACCA in process)

- **Technology Driven learnings**
  - Use of canvas
  - ASU content enhancement courses
  - Use of blended and supplementary MOOC courses

- **Mentorship to weak students**
  - Remedial classes
  - Peer tutor scheme
  - Recorded lectures
  - Question banks and Practice sheets
## Academic Participation of the faculty

### Experiential Learning

- Case based teaching; Guest sessions through industry experts; Summer Internship projects, Major & Minor projects, Exposure to stock market simulators like Hitbull, Using Lucid chart for construction of flow diagram, Applications of data bases through R programming, SPSS, Python etc.

### Participation in Community Services

- Community Services
- Value based courses in curriculum

### Skill enhancement courses

- Digital Literacy, R programming, Python, Spreadsheet modelling etc. introduced in curriculum

### Personality development

- Communication skills courses, General Proficiency, Campus to corporate, Organizing events and Webinars
Second International Conference (NIC 2021)
(Virtual Conference), 26th March 2021
In association with
University of the Fraser Valley, Canada;
Nnamdi Azikiwe University, Awka, Nigeria
Debre Tabor University, Ethiopia.

• The Chief Guest: Dr. M.S. Shyam Sunder, Adviser, NAAC (National Assessment and Accreditation Council)
• Guest of Honor: Col. B Venkat- Director, FDC, AICTE
• Publication in Scopus and Google scholar listed journals
• Book publication
• No. of Participants: 256
• Funded by Med24 (Rs. 50,000)
Webinar On “Mental Health and Quality of Life of Married Working Women During COVID-19 Pandemic in India”
grant in aid by
National Commission for Women, Government of India (October 10, 2020)
ANNEXURE V-A
International Workshop on “Innovations in Digital Marketing”
April 10, 2021.
Resource Person: Ms. Shubhanshi Dhooper
Digital Marketing Manager, TransferGo London.

• The event attracted more than 200 young aspiring entrepreneurs from all over the nation to provide opportunities, encouragement, and helping them in paving a way for their accomplishments.
International Guest Session

on

“How to publish in high ranked journals”

May 01, 2021

Participants: PhD scholars of SOM

Resource person: Dr. Sudhir Rana

Faculty, College of Healthcare Management and Economics, Gulf Medical University, Ajman, United Arab Emirates

and

senior editor with various journals of repute having Scopus and WOS indexing.
Idea to Business (I2B) International Competition

• Organizer: Universitas Esa Unggul, Indonesia and the Academy of Entrepreneurs Australia (www.idea2business-ueu.com).

• It is a 4 (four) weeks online course on “How to Turn Idea to Business” delivered by Academy of Entrepreneurs (AE) Australia;

• At the end of the course, students will propose their business idea and the best proposal will win;

• A team of following students and faculty from SOM will be taking part in this competition:
  1. Vedant Vasistha - Team Leader
  2. Rahul Joshi
  3. Kartik Sharma
  4. Dr Esha Jain
<table>
<thead>
<tr>
<th>Date</th>
<th>Newspaper/Media</th>
</tr>
</thead>
<tbody>
<tr>
<td>27th Feb 2021</td>
<td>Student Visit to NGO highlighted in newspaper</td>
</tr>
<tr>
<td>14th July 2021</td>
<td>Prof. Swaranjeet Arora, HoD, School of Management, gave a newspaper byte in the article in Education Times on the topic, “Will women get more leadership roles as their numbers increase in B-schools”.</td>
</tr>
<tr>
<td>7th July 2021</td>
<td>Prof. Swaranjeet Arora, HoD, School of Management, gave a newspaper byte in the article in Education Times on the topic, “Studying Development Communication can help you be a changemaker”.</td>
</tr>
<tr>
<td>2nd August 2021</td>
<td>Prof. Swaranjeet Arora, HoD, School of Management, gave a newspaper byte in the article in Times of India, Education Times on the topic, “How universities are implementing NEP 2020”</td>
</tr>
<tr>
<td>4th August 2021</td>
<td>Prof. Swaranjeet Arora, Head, School of Management, published an article in BW Education on the topic, “E-Learning and Its Long-Term Effect on Students Learning Ability in a Global Age”</td>
</tr>
</tbody>
</table>
# Media Visibility

<table>
<thead>
<tr>
<th>Date</th>
<th>Newspaper/Media</th>
</tr>
</thead>
<tbody>
<tr>
<td>04&lt;sup&gt;th&lt;/sup&gt; August 2021</td>
<td>Dr Nimit Gupta, Professor, School of Management &amp; Liberal Studies, The NorthCap University, Gurugram published an article in Education Jagat, on “3 P’s of Mentoring – Progressive, Perpetual and Process Oriented”</td>
</tr>
<tr>
<td>3 September 2021</td>
<td>Dr Swaranjeet Arora, Professor and Head of the Department, School of Management &amp; Liberal Studies, published an article in The Tribune, Education on “Why psychology is getting popular amongst new-age digital companies”</td>
</tr>
<tr>
<td>Sept 08, 2021</td>
<td>Dr Swaranjeet Arora, Professor and Head of the Department, School of Management &amp; Liberal Studies, published an article in The Hindustan Times, Education on “How a dual specialisation n MBA gives an edge to graduates?”</td>
</tr>
<tr>
<td>September 9, 2021</td>
<td>Dr Swaranjeet Arora, Professor and Head of the Department, School of Management &amp; Liberal Studies, published an article in Higher Education Digest on “Do You Know Why Economics Is the Most Sought-after Domain After Technology and Medicine?”</td>
</tr>
<tr>
<td>15&lt;sup&gt;th&lt;/sup&gt; Sept 2021</td>
<td>Prof. Swaranjeet Arora, HoD, School of Management, gave a newspaper article in Hindustan Times on the topic, “What courses can boost your career in management”</td>
</tr>
</tbody>
</table>
Student Visit to NGO highlighted in newspaper
Faculty articles in Newspaper

Studying Development Communication can help you become a changemaker

This course encourages students to create dialogues between communities and governments. It is designed to prepare students for careers in fields such as development, diplomacy, and international relations. Students will learn about communication strategies and techniques to bring about positive change in diverse settings.

How universities are implementing NEP 2020

The right implementation will facilitate the comprehensive framework and vision of Indian higher education.

BYTES

How universities are implementing NEP 2020

The right implementation will facilitate the comprehensive framework and vision of Indian higher education.

Demand for equal opportunities

However, more women candidates in management programmes do not always translate into equal opportunities for women. Many women take up roles as CEOs or CIOs in the country. Most organisations focus on recruiting women at entry level, but at the higher level, the numbers become lesser. Somewhere their recruitment is more challenging. To get a break, many women have to ask for the ‘equal opportunity’ programmes that women find it difficult to master the ladder as easily as men. Therefore, organisations need not just recruit women but also look at their systems and processes and make sure that there is no bias is used towards women. For instance, every time a woman gives birth, she loses two years of seniority at the workplace, and this is the lack of the motherhood penalty. Your commitment to the organisation is questioned. This is one area and the other is that not recognising that women have their set of other roles and responsibilities. Organisations need to take a little bit more effort to make them feel comfortable and welcome to the workplace.
Will women get more leadership roles as their numbers increase in B-schools

Sonal Shrivastava | Posted on Wednesday, July 14, 2021 16:40

An increasing number of women are opting for management studies.

The number of women candidates in management programmes is increasing steadily across most B-schools. However, this has not increased women at the top management levels. On average, B-schools report a 30% rise in the number of women candidates compared to the previous decade. The BITS School of Management (BITSom), recently started its first academic session for the two-year residential MBA degree programme with its founding class of 140 students, out of which 39% are women.

IIM Kozhikode (IIM K) had breakthrough years in 2013 and 2020 when the institute welcomed a diverse batch with more than 50% women candidates in their postgraduate programme (MBA). Between these two peaks in IIM K, the average representation was 30% that rose to 39% of women candidates for this academic year.

“His has now become a new encouraging norm across all IIMs. The women enrolment used to be only 8-10% women for about 50 years,” says Debashis Chatterjee, director, IIM Kozhikode (IIM K), pointing out that the major highlight of the incoming batch of 2021 is a record high of 53% women for IIM K’s full-time PhD programme.

At The NorthCap University, the percentage of women in MBA programmes has been 53%, 46%, 40% respectively in the years 2018, 2019 and 2020. “These percentages show that the global percentage of 40% for the year 2019 for the number of women applying for MBA programmes. The reason for the decline can be attributed to the ongoing pandemic. Its impact on employment and income generation capacity of people,” says Swaranjeet Arora, head of department, School of Management, The NorthCap University.

How a dual specialisation in MBA gives an edge to graduates

Prof Swaranjeet Arora

(http://www.hindustantimes.com/)

Annually, over 3,600 students pursue MBA and only 10% are successfully employed by companies. Today, business education is moving away from the traditional knowledge-driven model to an innovative learning. Students are increasingly required to be trained in real-world scenarios that will enable them to deal effectively with personal and professional situations in a disruptive and dynamic environment. In addition, domain-specific knowledge and employable skills, imparting education to develop critical thinking abilities, problem-solving capacity, and leadership skills are essential.

There are many advantages of pursuing a dual specialisation in MBA. First, it provides students with a versatile skill set that includes knowledge, increasing their demand in the corporate world. As a result, jobs for them will never be scarce as students with a broader skillset and knowledge can fit into a variety of roles. An employee who possesses both skills is more valuable to organizations.

Having two specialisations allows students to cope with a greater number of challenges. These dual specialisations are found in the programmes and are anxiety-provoking. Dual specialisation provides them with the best opportunities. The most important requirement for an employee is a thorough understanding of multiple departments or aspects of a business. Many people who begin working after completing their MBA program feel trapped in the type of job they are given and wish to move on to different industries. Dual specialisations in MBA introduce the opportunity and understanding of how the employee may fit in the new role.

What courses can boost your career in management

Prof (Dr.) Swaranjeet Arora

(http://www.hindustantimes.com/)

The success of any industry largely depends on the capability of its management and skills that are taught in the various programmes. A report by Deloitte and the Manufacturing Unit institute, in 2020, indicates that the critical management skills include leadership, teamwork, and problem-solving. The report shows that around 34,000 people will lose their job due to a mismatch between the skills required and skills owned by the talent pool. For filling this demand, the changed landscape is further amplified with pandemic-led operations shutdown, process improvement, quickly developing technologies, and new job opportunities.

The industry needs professionals who can thrive on the challenges of the corporate world. Businesses and it is crucial to have employees who are ready to embrace the change and face the challenges.
Why psychology is getting popular amongst new-age digital companies

Dr Swaranjeet Arora

The world is undergoing a massive digital transformation. Digitalisation as a concept involves leveraging digital technologies and processes for creating better opportunities for businesses and companies. The new-age digital companies such as EdTech, E-commerce, Digital Marketing companies populate the contemporary business scenario and are perhaps one of the fastest growing sectors across the world.

The process of digital transformation (as encouraged by digital companies) is akin to psychological transformation. In other words, the process of digitalisation involves a range of psychological components such as motives facilitating digital adoption, attitudinal resistance to technology, openness to change, self-efficacy, and so on and so forth. This is one of the reasons why psychology has become one of the most sought-after degrees by digital companies.

Here are top ten reasons highlighting the popularity of psychology in context of new age digital companies

1. Knowledge of psychology helps build necessary critical thinking necessary to navigate a world of data and technology

We are currently living in an age characterised by big data and artificial intelligence. Almost every area or aspect of our lives is influenced by technology in one way or the other. We are networking on social media platforms, using wearable tech gadgets to gain biofeedback information or even using application to order our daily essentials such as
2nd Gap: Curriculum

The curriculum of SOM programmes has been revised on regular basis to enrich and update the same, based on the industry requirements.

Few observations based on the suggestions received by the industry and academia experts are listed below:

• It was observed that Courses like Theory of Knowledge (SML162) and Introduction to Society (SML161) were found to be tough and not very relevant being taught to the all the undergraduate programs in semester 1. Rather, Fine arts/Liberal studies should be floated as an open elective course (BOS dated May 3, 2021).

• Suggestions were made to introduce more skill-based courses with professional orientation like Fundamentals of Spreadsheet Modelling, Communication for Managers, Entrepreneurship & Innovation, Communication & Documentation in Business. Special focus should be on the Practical component of each course and the same should be reflected in the templates. (BOS dated May 3, 2021)

• Introduction of MBA with Dual specialisation (BOS dated May 3, 2021).

• Principles of Management, being a foundation course, should be taught across all undergraduate programs (BOS dated May 3, 2021).
3\textsuperscript{rd} Gap: Infrastructure

• SOM did not have the existence of dedicated labs required for Management and Psychology students. For the same, business lab, psychology lab has been developed. The development of the computer lab is under process.
| Student Placement and Internship | Constant efforts are being made to enhance student placements. Interactions with SPA, Campus to corporate sessions are being organized for the same. Three out of thirty students have been placed through SPA, last year, however, Campus to Corporate classes were scheduled by SOM Faculty members for MBA students, during Jan-June 2021 and around 10 students have been self-placed, 8 students have joined their family business and 1 student has taken admission in Ph.D. |
# 5th Gap: EDP/MDP/FDP

<table>
<thead>
<tr>
<th>EDP/MDP/FDP</th>
<th>To bridge this gap, SOM has planned the following</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1. Case writing workshop, November 2021</td>
</tr>
<tr>
<td></td>
<td>2. Management Development Programme on Research</td>
</tr>
<tr>
<td></td>
<td>Methodology, December 2021</td>
</tr>
<tr>
<td></td>
<td>3. Management Development Programme on Tax</td>
</tr>
<tr>
<td></td>
<td>Planning, November 2021</td>
</tr>
<tr>
<td></td>
<td>4. 5 days Executive Development Programme on</td>
</tr>
<tr>
<td></td>
<td>emotional intelligence and conflict management</td>
</tr>
<tr>
<td></td>
<td>strategies at workplace, November 2021</td>
</tr>
<tr>
<td>Quality of major/ minor research projects by students</td>
<td>The faculty members of SOM are constantly making an effort to improve the quality of the projects and turning them into research papers. The papers include: “Impact of COVID-19 on food and hotel industry, published in International Journal of Recent Trends in Business and Tourism” and “A Comparative Examination of Non-Performing Asset Management of Banks in India”, in the International Journal on Recent Trends in Business and Tourism (IJRTBT), and Internal Locus of control among students of Delhi-NCR in Asian Journal of Management</td>
</tr>
</tbody>
</table>
Department Highlights 2020-21

- Faculty Upskilling
- Effective Teaching Learning Process
- GHRDC Ranking
- Funding from NCW, GOI for Webinar
- Numerous Events/Webinars/Competitions
- Development of Case Centre
- Media Visibility
GHRDC Ranking

GHRDC Ranking
BBA (2021)

2nd Rank In Northern Region

7th Rank In India

GHRDC Ranking
BBA (2019)

6th Rank In Northern Region

11th Rank In India
Development of Case Centre

Objectives:

- To Develop, Deposit and Distribute management cases from various business functional area, including cross disciplinary issues.
- Inculcate the case based teaching pedagogy ecosystem among the various management programs offered under the school.
- Conduct workshops/FDPs for external and internal participants.
- Collaborate with industry for joint case development, leading to industry academic interface.
- Develop a repository of cases for use of educators, trainers and corporates for teaching and training needs.

Proposed Events

- Workshop/FDP
- Case Conference
- Case Alignment with MBA
- Case Competition
- Case Analysis Competition

Link: https://www.ncuindia.edu/ncu-case-research-centre/
Activities Planned for 2021-2022

- Organizing Third International Conference
- Organizing Research Methodology workshop
- Development of Case Centre
- FDP/ Capacity building programs
- Funded Activities
- Participation in NIRF Ranking
- International Collaborative Research Work
<table>
<thead>
<tr>
<th>Stakeholder</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alumni</td>
<td>• Students must be given more platforms to conduct Community Service hours. (MOM_BOS 27.11.2020)</td>
</tr>
<tr>
<td>Parents</td>
<td></td>
</tr>
<tr>
<td>-----------------</td>
<td></td>
</tr>
<tr>
<td>- Most parents wanted their ward to attend online classes given the pandemic, however few parents would like offline, and were willing to give the consent (PTM dated 28\textsuperscript{th} Nov 2020)</td>
<td></td>
</tr>
<tr>
<td>- One of the parents suggested that Entrepreneurship and Innovation is a course which should be in the later semesters to help them not to lose the track. They should be able to understand the strategies to get investment, Idea validation and IPR etc. in their final year to create sensitization so that they can implement the strategies immediately after passing out from the programme (PTM dated 28\textsuperscript{th} Nov 2020)</td>
<td></td>
</tr>
<tr>
<td>- Parents requested for career guidance session (PTM dated 28\textsuperscript{th} Nov 2020)</td>
<td></td>
</tr>
<tr>
<td>- Parents requested for syllabus reduction of Tax (PTM dated 28\textsuperscript{th} Nov 2020)</td>
<td></td>
</tr>
<tr>
<td>- Parents requested for uploading syllabus of fine arts (PTM dated 28\textsuperscript{th} Nov 2020)</td>
<td></td>
</tr>
<tr>
<td>- Parents requested for syllabus reduction of law (PTM dated 28\textsuperscript{th} Nov 2020)</td>
<td></td>
</tr>
<tr>
<td>- Parents enquired about placements (PTM dated 28\textsuperscript{th} Nov 2020)</td>
<td></td>
</tr>
</tbody>
</table>
Current students

- Community Service is introduced for 1 credit per semester. The students requested to make some relaxations in the hours. (MOM BOS 27.11.2020)
- Liberal Studies/Fine arts is not well accepted by students in high spirits, it has been removed from all the UG programmes. (MOM BOS 03.05.2021)
- **Mock Interviews**: MBA final year students are very happy with the mock interview sessions and placement related activities. Prof. Prem Vrat Sir said that statistics of placement should be improved, and the sessions should reflect in the placement. Idea is to connect the students with corporate to make the students ready for the industry as well. Number of companies are 41, Dr. B.K. Gupta said that the students are not ready to go for interviews coz of pandemic and are very, much demotivated. (Class Committee Meeting 16th April 2021)
- Mock interviews for first year MBA students: Mock test interviews for the first-year MBA students should also be introduced. (Class Committee Meeting 16th April 2021)

- **Community service**: For 1 credit, the work is too much, as said by BBA IV Sem students. Covid time it is dangerous to go out and work. (Class Committee Meeting 16th April 2021)

- **Coursera**: BBA IV sem students requested for free online courses. (Class Committee Meeting 16th April 2021)

- **Timetable**: B.COM IV sem students requested for breaks in between their classes. (Class Committee Meeting 16th April 2021)

- **MBA-BA**: Students enquired about their electives and placements, being a new specialisation (Class Committee Meeting 16th April 2021)

- **Competitions**: Students are getting links for webinars, but they are more interested in competitions. (Class Committee Meeting 16th April 2021)

- **Internship**: Duration for internship should be increased from 1 month to 3-4 months. (Class Committee Meeting 16th April 2021)
<table>
<thead>
<tr>
<th>Current Students</th>
</tr>
</thead>
</table>
| • **Reading time in exam:** 5-10 minutes Reading time should be given in exam. (Class Committee Meeting 16\(^{th}\) April 2021)  
• Parking should be there for students as well. (Class Committee Meeting 16\(^{th}\) April 2021)  
• Working Saturday is an issue with BBA students. If it is possible that alternate Saturday are not working (Class Committee Meeting 16\(^{th}\) April 2021) |
<table>
<thead>
<tr>
<th>Employers</th>
</tr>
</thead>
<tbody>
<tr>
<td>- The Supply Chain Management course is much relevant in the prevailing environment. If it is removed from Core courses, then it should be floated as a Programme elective. <em>(MOM BOS 03.05.2021)</em></td>
</tr>
<tr>
<td>- International Trade, being a practical course should be in last year of the programme so that students would get benefit in further higher studies. <em>(MOM BOS 03.05.2021)</em></td>
</tr>
</tbody>
</table>
Invited Resource Persons

- Courses like Fine arts/Liberal studies should be floated as an open elective course. (MOM BOS 03.05.2021)
- LTP of 2-0-2 to be retained depending on the nature of courses. (MOM BOS 03.05.2021)
- International Trade, being a practical course should be in last year of the programme so that students would get benefit in further higher studies. (MOM BOS 03.05.2021)

- Principles of Management, being a core basic course in Management should be taught in the First Semester of the Programme. (MOM BOS 03.05.2021)

- Entrepreneurship and Innovation is a course that should be in the later semesters to help them not to lose track. They should be able to understand the strategies to get investment, Idea validation and IPR, etc. in their final year to create sensitization so that they can implement the strategies immediately after passing out from the programme. (MOM BOS 03.05.2021)
Agenda 3: Plan of action for 2021-22

Action plan of departments for the session 2021-22 i.e. for the period July 2021 till June 2022

It must also include department’s plan for attaining QS 5 stars ranking for NCU
Overall Quality of Teaching-Learning with focus on promoting Innovations

Mix of teaching-learning approaches, methods, and techniques; strategies across four core areas

• Faculty Upskilling
• Student Upskilling
• Curriculum (Re) Design and Curriculum Delivery

• Faculty Upskilling
  • Upskilling and Reskilling via MOOCs and FDPs
  • Funding asper University Norms
  • Buddy System
  • Faculty Mentoring

• Student Upskilling
  • Holistic Development via General Proficiency Course each semester covering aptitude & employability assessments, extra-curricular and co-curricular activities participation and SWOC
  • Community Service Sentiment Development to help foster social entrepreneurship via Community Service Hours and Engagement each semester.
  • MOOCs - Full, Blended and Supplementary mode to further students' knowledge and develop qualities of self-learning, initiative and inquiry.
  • Internships & Live Projects to provide experiential learning opportunities.
  • Dissertations and other Projects to foster project-based learning and help students take onus of learning and think about creative solutions to problems in hand.
  • Student Mentoring to help them enhance their entrepreneurial, leadership and behavioural skills
## Overall Quality of Teaching-Learning with focus on promoting Innovations

<table>
<thead>
<tr>
<th><strong>Curriculum Delivery</strong></th>
</tr>
</thead>
</table>
| - Problem Based Delivery to provide students with opportunities to develop skills in areas of Working in teams; Managing projects and holding leadership roles; Oral and written communication; Self-awareness and evaluation of group processes; Working independently; Critical thinking and analysis; Explaining concepts; Self-directed learning; Applying course content to real-world examples; Researching and information literacy; and Problem solving across disciplines.  
- Project Based Delivery to provide students with an opportunity to engage deeply with the target content, bringing about a focus on long-term retention.  
- Experiential Learning and Flipped Classrooms to foster peer-to-peer learning, group discussions, independent learning, as well as engaging discussions or collaborative work.  
- Technology Based Learning to help students get ideas of various technological tools for handling business decisions and processes.  
- Using design thinking process within classrooms |

<table>
<thead>
<tr>
<th><strong>Curriculum (Re)Design</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>- Industry Driven and Up-to-date Curriculum via needed and appropriate curriculum revisions.</td>
</tr>
</tbody>
</table>
Faculty & Technical Staff Development Initiatives

1. Case writing workshop, November 2021
2. 3rd International conference, June, 2022
3. MDP on Research Methodology, December 2021
5. Digital Literacy Drive for faculty
6. 5 days Executive Development Programme on emotional intelligence and conflict management strategies at workplace, November 2021

Skill enhancement of students as per the industry requirements

1. Students are promoted to complete value added courses through MOOCs on platforms such as SWAYAM-NPTEL, Coursera, Udemy etc.
2. SOM proposes a tie up with international skill Development Corporation Ltd. (ISDC), UK for ACCA (The Association of Chartered Certified Accountants) is the global body for professional accountants and CMA certifications.
3. Proposed tie-up with TALLY for student certification
4. Proposed tie-up with Bombay Stock Exchange for student upskilling.

Research & Development Activities

a.1. Case writing workshop, November 2021
1.2. 3rd International conference, June, 2022
2.3. MDP on Research Methodology, December 2021
3.4. MDP on Tax Planning, November 2021.
4.5. Digital Literacy Drive for faculty
5.6. 5 days Executive Development Programme on emotional intelligence and conflict management strategies at workplace, November 2021

School of Management and Liberal Studies
www.ncuindia.edu
 Industry Collaborations & Programs
Creating Centres of Excellences

1. Students are promoted to complete value added courses through MOOCs on platforms such as SWAYAM-NPTEL, Coursera, Udemy etc.
2. SOM proposes a tie up with international skill Development Corporation Ltd. (ISDC), UK for ACCA (The Association of Chartered Certified Accountants) is the global body for professional accountants and CMA certifications.
3. Proposed tie-up with TALLY for student certification
4. Proposed tie-up with Bombay Stock Exchange for student upskilling.
5. Case Research Centre under the process of development as centre of excellence ([https://www.ncuindia.edu/ncu-case-research-centre/](https://www.ncuindia.edu/ncu-case-research-centre/))

Organization of National/International Events like Conference, Seminars, Workshops etc.

1. Case writing workshop, November 2021
2. 3rd International conference, June, 2022
3. MDP on Research Methodology, December 2021
5. Digital Literacy Drive for faculty
6. 5 days Executive Development Programme on emotional intelligence and conflict management strategies at workplace, November 2021

Student Internship activities

1. Students to get internship opportunities primarily from SPA.

A meeting was conducted in this regard on 07th Aug 2021 (MOM) to enhance the quality of Internships
Preparing students for placements & higher studies

1. Periodic interaction with SPA as well as Preparatory sessions organized for UG and PG students with SPA.
2. Received funding for capacity building and personality development program of female students from NCW, GoI, sessions will be organised accordingly for the same.
3. Sessions with industry experts will be organised in this regard.
4. Respective mentors counselling students for further study opportunities.

Quality of student projects & participation in contests

There has been an improvement in the project work of students in terms of quality, and topics. Chosen of the research projects will be given the shape of research papers and will be published in National/ International Journals.

During the year, our students participate in many inter-college and intra-college events. Some of the previous events include: Business Case study analysis competition, EcoFinlytics, Blog writing competition, Poster making competition, creative writing competition, Debate competition etc.

Developing coding culture at NCU

1. For MBA sem III- compulsory course on R Programming for Analytics (BSP601)
2. Digital Literacy With Python (CSV119) - all under – graduate programmes.
Improvement in Student results

1. Apart from regular classroom-teaching, through following activities, constant efforts are made by the faculty members to improve student results

   1. Peer Tutor
   2. Remedial Classes for weak students
   3. Practice Sheets
   4. Mock Tests

Alumni Association & Interaction

Following activities are planned for active Alumni interaction: (MOM)

- CAMERA (Choices of Alumni for a month exhibiting Rich Aroma) (Portraying achievements on social media)

2. DART (Dialog with Alumni for Reimagining Tomorrow) (In form of Webinar/Seminar/Workshop/Judging event/PPI/Placement/Internship)

3. Letter of Appreciation to be given to Alumni and Memento

4. KYN (Know Your Alumni) (forum for the alumni for exchange of ideas on academic, cultural and social front)
<table>
<thead>
<tr>
<th>Creating Academic Distinctiveness. New developmental Initiatives planned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creating Academic Distinctiveness. New developmental Initiatives planned</td>
</tr>
<tr>
<td>- Use of case based learning</td>
</tr>
<tr>
<td>- Campus to Corporate</td>
</tr>
<tr>
<td>- Area wise academic planning</td>
</tr>
<tr>
<td>- Use of Specific software/ online templates</td>
</tr>
</tbody>
</table>
IQAC Meeting Agenda Points

CSE Department
24th September 2021
Agenda Points

1. Review of minutes of 13th IQAC Meeting held on 11th Nov 2020 and subsequent actions taken.

2. Department highlights & GAPS identified in July 2020 till June 21.

3. Action plan of departments for the session 2021-22 i.e. for the period July 2021 till June 2022.
Introduction to the Department
Faculty - The Intellectual Capital of the Department

Program | No of Students
--- | ---
B Tech | 930
2nd year (2020-24) | (330)
3rd year (2019-23) | (379)
4th year (2018-22) | (221)
M Tech | 10
PhD | 33
Total strength | 973
World Class Infrastructure / Labs

Computer Science & Engineering

- 13 IT Labs
- Game Tech Lab
- Deep Learning Lab
- High Performance Computing (HPC) Lab
- iMac Lab
- IOT Lab
- CCNA Lab
- Cloud Computing Lab
- Project Lab
Innovation through Curriculum

Core Courses
Program Electives (Specialization)
Open Electives (Inter-disciplinary)
Liberal Arts Course
Compulsory Courses (EVS, HVPE)
Foreign Language
Skill Development
Life Skill Courses
Community Service & General Proficiency
Project and Internships

International Exposure
Project Based Hands on Learning
In-demand specializations
Curriculum Development through Industry & academia association

Good domain Knowledge with innovative and creative thinking for life-long learning
Course Content Development

1. Analyse and research on course contents at par with industry needs.

Comparison of course curriculum with other reputed institutions at national & international levels

1. Common Template designed: L2

1. Final content preparation based on review and suggestions: L3

1. Assessment and review of course contents and syllabus by externals from industry and academia.

1. Content Preparation
   2. lesson plan
   2. lecture slides
   2. assignments
   2. quiz
   2. projects

1. Faculty upskilling based on the requirements.

1. LMS Update
   2. Uploading Contents on Canvas

Semester Readiness

https://drive.google.com/drive/folders/1hoF9Okd4lxSm4dlasLwEn1EaWMI315S5?usp=sharing
Faculty Upskilling

FDPs Conducted at NCU with External Experts/In-house FDPs Conducted by trained faculty

FDPs attended by faculty outside the university

MOOC Courses and Certifications (Coursera, Swayam, Udemy, IIT Roorkee etc)

Domains of FDP's Organized
- Cyber Security
- Full Stack
- Data Science
- Cloud & IoT
- Artificial Intelligence & Machine Learning

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of FDP's Attended by Faculty Outside the University</th>
<th>Number of FDP's Organized</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015-16</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>2016-17</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td>2017-18</td>
<td>7</td>
<td>1</td>
</tr>
<tr>
<td>2018-19</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>2019-20</td>
<td>6</td>
<td>15</td>
</tr>
<tr>
<td>July-Dec2020</td>
<td>8</td>
<td>7</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>35</strong></td>
<td><strong>32</strong></td>
</tr>
</tbody>
</table>
### MOOC Courses

- **MOOC**
  - NPTEL
  - Coursera
    - Full
    - Blended
    - Supplementary

### NPTEL Local Chapter @ NCU
- Received Letter of appreciation for smooth conduct of local chapter
- Visibility of University at larger group.
- FDP courses available for faculty

<table>
<thead>
<tr>
<th>Session</th>
<th>Total CSE Enrollments under NPTEL LC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan-June 2020</td>
<td>785</td>
</tr>
<tr>
<td>July- Dec 2020</td>
<td>1285</td>
</tr>
<tr>
<td>Jan-June 2021</td>
<td>4136</td>
</tr>
</tbody>
</table>

### Coursera for NCU
- Full Plan till Nov 2020
- Now basic plan

### Coursera Statistics of NCU

<table>
<thead>
<tr>
<th>Total course completions/certifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>5358 (NCU)</td>
</tr>
<tr>
<td>3229 (CSE)</td>
</tr>
</tbody>
</table>
AWS Academy @ NCU

**Highlights**

- Course delivery by AWS Certified NCU Faculty
- Course contents and certification resources provided by AWS
- Hands on labs on AWS Academy platform with no limitation on credits
- AWS Badges upon completion of the course
- 50% discount on AWS Certifications
- Internship and job opportunities for AWS certified students

**AWS Certifications**

[Image of AWS Certification logos and categories]

- *Professional*
  - Two years of comprehensive experience designing, operating, and troubleshooting solutions using the AWS Cloud
- *Associate*
  - One year of experience solving problems and implementing solutions using the AWS Cloud
- *Foundational*
  - Six months of fundamental AWS Cloud and Industry knowledge

[Specialty: Technical AWS Cloud experience in the Specialty domain as specified in the exam guide]
USPs for Academic Excellence

Other USPs for Academic Excellence

- Curriculum inline with Industry trends
- Emphasis on Experiential Learning
- Self-paced learning through MOOC
- Vetting of question papers by Experts
Research Areas and Facilities

- Data Science
- AI and Machine Learning
- Cloud Computing
- Blockchain
- Cyber Security & Forensics
- Speech and Image Processing
- Malware Analysis & Reverse Engineering
- Big Data

PhD scholars
Awarded: 21
Pursuing: 35
Industry Linkages
Industry Mentors

- To encourage the culture of Project based Learning among students and bridge the gap between academia and the industry, Industry experts were engaged from reputed Industry/Organization for 3rd year students.

- The members of faculty and the students got opportunities to know and work with the latest technological practices prevailing in the industry through Industry Mentorship Program.

<table>
<thead>
<tr>
<th>Data Sciences</th>
<th>Cyber Security</th>
<th>Full Stack</th>
<th>IOT</th>
<th>Gaming</th>
</tr>
</thead>
<tbody>
<tr>
<td>38 student’s groups</td>
<td>17 student’s groups</td>
<td>5 student groups</td>
<td>5 student groups</td>
<td>15+18 students</td>
</tr>
<tr>
<td>14 Industry experts</td>
<td>6 Industry experts</td>
<td>1 Industry expert</td>
<td>2 Industry experts</td>
<td>2 Industry experts</td>
</tr>
<tr>
<td>Zomato</td>
<td>Deloitte</td>
<td>BrainMentor Pvt Ltd</td>
<td>TCS</td>
<td>SixPep Technovation Pvt Ltd</td>
</tr>
<tr>
<td>Deloitte</td>
<td>Fidelity</td>
<td></td>
<td></td>
<td>Vyomix Interactive</td>
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<tr>
<td>Fidelity</td>
<td>NTRO</td>
<td></td>
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<tr>
<td>eBays</td>
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<tr>
<td>TensorBrew</td>
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<tr>
<td>Think Future Tech</td>
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</table>
Industry Linkages and Outcomes

<table>
<thead>
<tr>
<th>Year</th>
<th>No. of functional MOUs</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020-21</td>
<td>12</td>
</tr>
<tr>
<td>2019-20</td>
<td>11</td>
</tr>
<tr>
<td>2018-19</td>
<td>4</td>
</tr>
<tr>
<td>2017-18</td>
<td>9</td>
</tr>
<tr>
<td>2016-17</td>
<td>3</td>
</tr>
<tr>
<td>2015-16</td>
<td>7</td>
</tr>
</tbody>
</table>

Outcomes of MoUs

- **Industry based Projects**
  - NTRO
  - Town Square Pvt Ltd
  - Ansyst Consulting
  - Universal Technical Solutions
  - PAC Security
  - vDolt Technologies
  - Uincept Technologies
  - Ecara Solutions
  - AgBe technologies
  - Coding Ninjas, Delhi

- **Placements**
  - DoctorInsta
  - Danalitics India Pvt. Ltd., Pune
  - MakeMeBuilder, Delhi
  - Intelli spirit Services Llp
  - CoopEarn Private Ltd.

- **Guest Lectures**
  - vDoIt Technologies
  - Uincept Technologies
  - Ecara Solutions
  - AgBe technologies
  - Coding Ninjas, Delhi

- **Summer Internships**
Internships Through Departmental Efforts

Summer Internships Data

- No. of internships
- Total students

Year: 2017-18, 2018-19, 2019-20, 2020-21

- 2017-18: 231 internships, 49 total students
- 2018-19: 342 internships, 61 total students
- 2019-20: 170 internships, 116 total students
- 2020-21: 226 internships, 119 total students
Pre-Placement Interaction

Objectives of conducting PPI for 3rd Year Students

- Develop interview skills of the students.
- Help students identify their strengths and areas of improvement.
- Make them aware about the peculiarities of facing an interview.

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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>176 students</td>
<td>342 students</td>
<td>231 students</td>
<td>177 students</td>
<td>132 students</td>
<td>226 students</td>
</tr>
<tr>
<td>19 Industry experts</td>
<td>16 Industry experts</td>
<td>18 Industry experts</td>
<td>16 Industry experts</td>
<td>9 Industry experts</td>
<td>19 Industry experts</td>
</tr>
</tbody>
</table>

Companies:
- Deloitte
- Citibank
- MakeMyTrip
- HSBC Software
- Orange Business Services
- Gemini Solutions
Faculty Outreach
Faculty Outreach Activities

- Dr Meghna Sharma delivered an expert lecture on "Machine Learning in Real World" on 29th April 2021 organized by the Department of Information Technology, University of Technology and Applied Sciences, Muscat, Sultanate of Oman.

- Dr Meghna Sharma delivered an expert talk on "Image Enhancement Techniques using Python" on 30th April 2021 in a one week online short term course on Recent Advances in Data Science and Computational Intelligence by Department of Computer Science and Engineering, Dr B R Ambedkar NIT, Jalandhar.

- Dr Meghna Sharma delivered an expert lecture on "Mathematical Foundations in Data Science" on 30th April 2021 organized by the Department of Applied Sciences, Amity Institute of Applied Sciences, Amity University, Noida.

- Dr. Kavita Khanna delivered a session in the Online Atal Faculty Development Program on “Cryptography and Data Security: Public key, Private Key – Trust Models” on 5th October, 2020 at Galgotia College of Engineering and Technology, Greater Noida.

- Dr. Rita Chhikara delivered a guest lecture on GLBPSO for Feature Selection in Steganalysis in International Conference of Present Scenario of Technology and Sciences, 2020 on 8th August, 2020.

- Dr. Poonam Chaudhary, Assistant Professor, CSE delivered a session on Technical Paper Writing, IEEE CS SYP Activities R10 - India Committee, Bangalore.

- Dr. Poonam Chaudhary gave an Invited Talk in International conference on Sustainable Computing in Science, Technology and Management, SUSCOM-2020, Amity University, Jaipur.


Faculty Outreach Activities

- Dr. Hitesh Yadav participated in Mrs. Delhi NCR 2020 Season 5. The theme of the event was based on awareness of Breast cancer. She was selected as a Finalist. In the finale on 21st November 2020, she won Subtitle Fitness Freak Mrs. Delhi NCR 2020.

- Dr. Srishti is serving as an Editorial Board Member for Current Electronics and Telecommunication Journal.

- Dr. Srishti served as a Program Committee Member for the International Conference, Computational Intelligence and Communication Technology 2021.

- Dr. Rita Chhikara has been recognised as the valued reviewer 2020 by IJERT(International Journal of Engineering, Research and Technology).

- Dr Shaveta Arora chaired a Session in International Conference on “Soft Computing for Intelligent Systems, (SCIS-2020)”

- Dr. Nitin Malik chaired a session in International Conference on Computational Intelligence and Data Sciences 2019.

- Dr Kavita Khanna chaired sessions in International Conference on Computational Intelligence and Data Sciences 2019 and 2018

- Dr. Rita Chhikara is serving as an Editorial Board Member for the Journal Progress in Human Computer Interaction

- Dr. Divya Jain is serving as an Editorial Board Member for International Journal of Healthcare Information Systems and Informatics (IJHISI).

- Dr Kavita Khanna served as Session Chair and Technical Program Committee Member in International Conference on “ICT for Digital, Smart, and Sustainable Development”, Jamia Hamdard, New Delhi, 2019.
Events 2021

- University Level FDP on New Digitally Enhanced Education 2.0
- AICTE Sponsored ATAL FDP Natural Language Processing
- AICTE Sponsored ATAL FDP How to Exploit Web Applications
- Technology Bootcamp for School Students Teccon 2021
- Specialization Awareness Programs Seven Specializations
- International Conference on Cyber Security & Digital Forensics
- Project Display & Design Thinking Day
Clubs & Societies in CSE

<table>
<thead>
<tr>
<th>S No</th>
<th>Academic year</th>
<th>No of clubs and society</th>
<th>No of events conducted</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>July 2018-June 2019</td>
<td>7</td>
<td>17</td>
</tr>
<tr>
<td>2</td>
<td>July 2019-June 2020</td>
<td>11</td>
<td>91</td>
</tr>
<tr>
<td>3</td>
<td>July 2020-June 2021</td>
<td>16</td>
<td>97</td>
</tr>
</tbody>
</table>
Awards and Recognitions
Faculty Achievements

Joint Research Project with NTRO

Leading the Clubs & Societies

AWS Practitioners

Teaching and Research Excellence, IRDP Journals

Advanced Level Instructors by Cisco Networking Academy
Faculty Achievements

Proceedings Publications in Edited Book of Springer

Writing Books in Latest Technologies

NPTEL Achievers 2021
Faculty Achievements

Faculty Articles/ News in Print Media

How to boost your career in gaming

Dr. Vidy Mittal

The "G" industry, often referred to as the 
new age entertainment, has expanded exponentially 
since the advent of the COVID-19 pandemic, 
transforming the way businesses operate.

Incorporating a "t" strategy, the gaming 
industry has become a significant source 
of income for various organizations. 

With an investment of billions of dollars 
in research and development, 
the gaming industry has managed to 
pioneer innovative and immersive 
experiences, making it a lucrative niche 
for potential investors.

Gaming industry experts suggest that 
entrepreneurs should focus on 
innovation and creativity when 
entering the gaming market.

Video games have evolved significantly 
and enhanced the lives of many 
people worldwide.

Many gaming companies are 
investing in new technologies, 
resulting in the production of 
more advanced games. Students 
are encouraged to pursue 
degrees in game design and 
development. The program helps 
prepare students for a career 
in game development, whether 
they choose to work for existing 
gaming companies or start 
their own businesses.

In today’s world, technology has 
shaped various industries and 
the gaming industry is no exception.

The gaming industry is 
constantly evolving, 
offering new opportunities 
for those interested in 
this field.

Why automated and virtual reality 
is the next big thing in 
the tech-meets-learning space

Emilia Elliott

It is now clear that technology is 
not only changing the way 
we live but also the way 
we learn. With the 
expansion of online learning, 
there is a growing demand 
for interactive and engaging 
learning tools.

Automated and virtual reality 
technologies have 
the potential to 
transform the 
learning 
space.

These technologies 
imitate the real 
world, 
making learning 
more effective.

The virtual reality environment 
has the potential to 
provide a 
more immersive 
learning experience.

Virtual reality technology 
uses 3D graphics 
to create 
the illusion of 
being in a 
virtual 
world.

TALKING POINT

Can digital education help in 
cognitive development of children

Interactive online classes and responsive teachers can help 
children expand their analytical thinking abilities.

Electronic devices 
indicate that more 
children 
are using 
the internet 
to learn,

The key 
to improving 
educational 
outcomes 
is understanding 
how 
students 
learn.

Research has shown that 
teachers' collaboration 
and student engagement 
are key 
elements 
of effective learning.

Teachers must also 
incorporate 
technology 
into their 
teaching 
modes 
to cater 
to 
the 
needs 
of all 
students.

Recent 
advances 
in 
technology 
provide 
opportunities 
for 
innovative 
approaches 
to learning.

The 
International 
Technology 
Association 
has 
focused 
on 
the 
role 
of 
technology 
in 
education.
The Data Science Specialization, Department of Computer Science and Engineering, The NorthCap University, Gurugram has received 5th Rank for UG Programme and 7th Rank for PG Programme at National Level by Analytics India Magazine Data Science Education Ranking 2020.
Student Achievements

1st Prize in Smart India Hackathon 2020

Innovation Award Winner by Alibaba Cloud

1st Prize in Deloitte TechnoUtsav 3.0

IEEE Asia Pacific Website Contest

Google Summer of Code

Outstanding Student Volunteer Award IEEE India Council

Akarshan Gandotra and Harsh Lathwal
Student Achievements

Microsoft Student Ambassadors

First prize in the annual IdeaThon 2019; Received prize money of 50000/-

Tech Gig IOT Challenge 2019; Won prize money 175,000/-

JK Pal Memorial award for varied achievements in IEEE Society

Startups by Students

Outstanding Volunteer Award in IEEE WIE Society
Departmental Progression in Last Five Years

- Seven new specializations in B.Tech. CSE to meet latest industry needs
- Student Mentoring and Portfolio Guidance
- New Clubs & Societies
- In-House & External FDPs, Online Certifications (MOOC)
- Upgradation of Resources (Enhanced Computing Power-GPU Based Labs)
- Three International Conferences Organized
- Focus on Inculcating Social Responsibility
## Agenda No 1: Review of minutes of 13th IQAC Meeting held on 11th Nov 2020 and subsequent action taken

<table>
<thead>
<tr>
<th>S.No</th>
<th>Recommendation given by IQAC Committee</th>
<th>Efforts / Action Taken for Implementation &amp; Outcomes</th>
</tr>
</thead>
</table>
| 1    | Department POs & PSOs needs to be short & crisp. They should be more objective and crisper and should lead to popularising our programmes and increased employability. Departments and Schools can relook at them and improve them accordingly. | - No change in POs (They are as per UGC)  
- PSOs are changed to incorporate the specific objectives of different specialisations introduced in Department of CSE  
- EOs formulated  
(Approved POs, PSO’s and PEO’s are submitted and published on website) |
| 2    | Streamlining the procedure for CO, PO and PSO mapping and their attainment for the university. | - The Program Outcomes (POs) and Program Specific Outcomes (PSOs) are designed from Graduate Attributes and curriculum.  
- Course Outcomes (COs) are defined for each course and they are mapped to POs and PSOs. (The process is streamlined and after every semester the attainment is a computed for all courses and presented before DAC of the department) |
| 4    | Introduction of Community Service as compulsory in curriculum of all programs | - Included as part of BTech CSE Scheme  
[https://drive.google.com/file/d/1R8XHe3Q9WyPHs5iV6ENR1sMvJ7TzefLN/view?usp=sharing](https://drive.google.com/file/d/1R8XHe3Q9WyPHs5iV6ENR1sMvJ7TzefLN/view?usp=sharing) |
Agenda No 2: Department highlights & GAPS identified in 2020-21

- Department Highlights (2020-21)
- Identified Gaps in 2020-21

Summary of inputs (Academic & Non-Academic) from stakeholders (during 2020-21)
## A. Department highlights (2020-21)

<table>
<thead>
<tr>
<th>Highlights</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specializations in Emerging Areas of Technology</td>
<td>• BTech - Seven Specializations</td>
</tr>
<tr>
<td></td>
<td>• MTech - Two Specializations</td>
</tr>
<tr>
<td></td>
<td>• BCA - Two Specializations</td>
</tr>
<tr>
<td>State of Art Infrastructure</td>
<td>• Design Center</td>
</tr>
<tr>
<td></td>
<td>• High Performance Computing Lab</td>
</tr>
<tr>
<td></td>
<td>• iMAC Lab</td>
</tr>
<tr>
<td></td>
<td>• GPU based high end computing Machines</td>
</tr>
<tr>
<td>Strong Industry Connect</td>
<td>For preplacement, Internships, projects</td>
</tr>
<tr>
<td></td>
<td>12 MOUS at Department Level</td>
</tr>
<tr>
<td>Excellent Campus Placements</td>
<td>A record of nearly 98% placements every year</td>
</tr>
<tr>
<td>Focus on Holistic Development</td>
<td>• 16 Clubs and Societies in the department for Technical and extracurricular activities</td>
</tr>
<tr>
<td></td>
<td>• Community Service</td>
</tr>
<tr>
<td></td>
<td>• Project Based Experiential Learning</td>
</tr>
</tbody>
</table>
## B. Identified Gaps in 2020-21

<table>
<thead>
<tr>
<th>Gaps</th>
<th>Details</th>
</tr>
</thead>
</table>
| Student Faculty Ratio and Cadre Ratio                | Not as per the desired 20:1  
2 Professors and 3 Associate Professors  
Taken care of now with new recruitments |
| Faculty upskilling as per the evolving field of Computer science | Continuous conduction of FDPs for faculty to meet the requirements of the specializations  
(More than 10 FDPs organized last year 7 in pipeline) |
| Consultancy and Research                             | Needs to be improved in terms of Publications and Research Projects  
(5 Project Proposals submitted) |
| Global Linkages                                      | Needs to be strengthened to improve the academic and research ecosystem  
(Faculty is trying to collaborate with foreign Universities) |
C. Summary of inputs (Academic & Non-Academic) from stake holders (during 2020-21)

<table>
<thead>
<tr>
<th>Stakeholder</th>
<th>Details</th>
</tr>
</thead>
</table>
| Alumni               | Alumni Feedback form circulation is a continuous process; started in Aug 2020 – aprox. 1500 responses  
                        | Exit form has been circulated for 2021 batch and received 77 responses.                                                               |
| Parents              | In process of creating new form,  
                        | To be taken every year in November                                                                                                    |
| Current students     | Form is filled every year (started from 2020).                                                                                           |
                        | To be taken every year in November                                                                                                    |
| Employers            | Google Form was circulated to take student feedback for Internship.  
                        | In process of creating new form to take feedback on curriculum.  
                        | Also, in process of taking Feedback from SPA                                                                                         |
| Invited Resource Persons | In process of creating new form                                                                                                          |
Agenda No 3: Action plan of departments for the session 2021-22

- Overall Quality of Teaching-Learning with focus on promoting Innovations.
- Faculty & Technical Staff Development Initiatives
- Skill enhancement of students as per the Industry requirements
- Research & Development Activities
- Industry Collaborations & Programs. Creating Centres of Excellences
- Organization of National/International Events like Conference, Seminars, Workshops etc.
- Student Internship activities
- Preparing students for placements & higher studies
Agenda No 3: Action plan of departments for the session 2021-22 (Contd..)

Quality of student projects & participation in contests
Developing coding culture at NCU
Improvement in Student results
Alumni Association & Interaction
Department initiatives in admission
Creating Academic Distinctiveness. New developmental Initiatives planned
Proposal for new academic courses (if any) at UG/PG & Doctoral levels
Any developmental activity at University level

**Action Points**
Overall Quality of Teaching-Learning with focus on promoting Innovations

- Identification of courses which are relevant for National/International Coding Challenges/Competitions.
- Identification of courses for publication of review/research papers for third year and final year students. [mandatory requirement]
- Inculcating projects as a part of the curriculum

Faculty & Technical Staff Development Initiatives

- Seven Faculty Development Programs have been planned for the specializations in the department
- One Training for Technical Staff is planned
Skill enhancement of students as per the Industry requirements

- New Skill development courses/ VA courses
- AWS cloud practitioner training
- Oracle Certification Courses
- IBM Certification Courses
- CCNA Certification
- Google cloud Practitioner Program and Google cloud carrier readiness Program

Above courses will be floated to the students during summer vacation and interested students will be mentored by the faculty.

Research & Development Activities

- To increase research output in terms of research papers in the peer-reviewed refereed journals and book chapters
- To submit 4-6 research proposals to sponsored project agencies for potential funding.
- To file 2-4 patents
- To explore consultancy opportunities
- To chair sessions and be on editorial board members of peer-reviewed refereed journals
Overall Quality of Teaching-Learning with focus on promoting Innovations.

- Identification of courses which are relevant for National/International Coding Challenges/Competitions.
- Identification of courses for publication of review/research papers for third year and final year students. [mandatory requirement]
- Inculcating projects as a part of the curriculum

Faculty & Technical Staff Development Initiatives

- Seven Faculty Development Programs have been planned for the specializations in the department
- One Training for Technical Staff is planned
Industry Collaborations & Programs Creating Centres of Excellences

- CSE Department has collaborated with 12 Industries for Industry projects, Internships and Placements including National Technical Research Organization (NTRO)

Proposed Plan
- To collaborate with more Industries to improve employability skills of the students. The Industry Interaction Cell of CSE is in process of collaborating with 4 Industries including Grant Thornton.

Organization of National/ International Events like Conference, Seminars, Workshops etc.

- Two National Level Atal FDPs organized in July 2021 (Funded by AICTE)
- National Workshop on “Optimization methods for Machine Learning and Deep Learning Models” - September 2021
- International Conference on Cyber Security and Digital Forensics 2022- planned to be conducted in May 2022 with Springer as the publishing Partner (In continuation to ICCSDF 2021)
- One day Webinar on “Reproductive Choice of Women: A Fundamental Right” proposed to be organized before December 2021 (Funded by National Commission for Women)
- International Conference on AI and Data Science – Planning Stage
- A Short Term Training Program - Planning Stage
Developing coding culture at NCU

- 2 hrs sessions on competitive programming (C/ JAVA/ Data Structures) will be conducted by faculty on working Saturdays.
- Students good at programming will be identified and involved in the sessions. Students to be given certificates and additional marks in GP. These sessions can also be counted in their community service hours.
- Alumni willing to conduct such sessions will be identified. Certificates/honorarium may be given for their contribution.
- A local chapter/club will be created for NCU on competitive coding platforms like hackerrank, leetcode and techcoder.
- Hackathons will be conducted in each semester to promote competitive spirit among the students.

Preparing students for placements & higher studies

- Competitive programming
- Placement question bank
- Skill development/enhancement boot camps
- Pre-placement Interviews
- Group discussion and aptitude preparation

Other Points
Thank You
14th IQAC Meeting
A Presentation
By
School of Law
24.9.2021
AGENDAS FOR THE 14TH IQAC MEETING

• Agenda 1: Action taken on minutes of 13th IQAC Meeting held on 11th Nov 2020

• Agenda 2: New Initiatives, impediments & gaps identified in the department during July 2020 till June 2021.

• Agenda 3: Action plan to be presented by the departments/schools for the session 2021-22 i.e. for the period July 2021 till June 2022.
SCHOOL OF LAW

Year of Establishment 2010
Academic Programmes at Law School

School of Law at NCU was established by the Haryana Government Gazette Notification & Recognized by the Bar Council of India (BCI)

- BBA.LLB.(HONS.) (Five Year integrated dual degree)
- LLM (Specialization in Corporate Law, Intellectual Property Rights, Human Rights Law)
- Ph.D.
NCU Law School facilitates..

- Course structure is designed to keep the students industry ready
- Structured Internship Programme - NGOs, Lower and Higher Judiciary, Law Firms, Commissions, Tribunals etc.
- Blended learning experience through exposure to online courses and other digital resources
- Faculty with academic excellence
- A vibrant Mooting Culture
- Opportunity to learn Foreign Languages
- An exposure to a wide range of courses in law, management and technology.
Bridging the Gap between Classroom and Real World

SOL Students

- Human Rights Agencies
- Cyber Security
- Law Firms
- LPOs
- Higher education, entrepreneur and other areas
- Practicing lawyers
- Centre and State Government Agencies
- Judiciary
- BCI enrollment

NGO training
Bar Exam
Training Program

1. Knowledge
2. Application
3. Analysis
4. Implementation

Internships to Jobs

Knowledge
Application
Analysis
Implementation

1. Knowledge
2. Application
3. Analysis
4. Implementation
Credit Framework
BBA LL.B (Hons.)

• Total Credits = 241
• Total No. of courses = 54
• Credit for Law Courses = 4 (4-1-0)
• Credit for Non-Law Courses = 3 (2-0-2)
• Courses -
  • Non- Law Courses from BBA
  • Effective Communication courses
  • Core Law Courses
  • Elective Courses
  • Honours Courses
  • Clinical Courses
  • General Proficiency
  • Community Services

(As per BCI Rules)
### AGENDA 1: ACTION TAKEN ON MINUTES OF 13TH IQAC MEETING

<table>
<thead>
<tr>
<th>AGENDA POINT</th>
<th>ACTION TAKEN BY SOL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Approval of Programme Outcome and Programme Specific Outcomes</td>
<td>1) POs and PSOs were duly approved and uploaded on the website.</td>
</tr>
</tbody>
</table>
| 2) Streamlining the procedure for CO, PO and PSO mapping and their attainment for the university. | 2) Duly streamlined in compliance with the university procedure –  
  - Subject wise action taken reports  
  - Steps taken for slow & advanced learners such as remedial classes & clinical legal programmes  
  - Value added courses like mooting skills, mediation & conciliation etc.  
  - Intellectual interaction by means of Expert lectures  
  - Industrial or field visits in light of the curriculum |
### AGENDA 1: ACTION TAKEN ON MINUTES OF 13TH IQAC MEETING

<table>
<thead>
<tr>
<th>AGENDA POINT</th>
<th>ACTION TAKEN BY SOL</th>
</tr>
</thead>
<tbody>
<tr>
<td>3) Faculty Recruitment at SOL</td>
<td>3) Efforts were made to recruit senior faculty members at SOL. Prof. (Dr.) Manjula Batra, Former Dean, Jamia Millia Islamia was appointed as a Professor at SOL (2020) Need for recruitment of more senior faculty</td>
</tr>
</tbody>
</table>
Agenda 2: New Initiatives, impediments & gaps
Diversified Courses Offered
(Employability, Skill development & Value added courses)

Copy Right and Neighbouring Rights
Criminal Justice Administration
International Commercial Arbitration
Corporate Law Practice
SEBI Rules and Practice
Disaster Management Laws
Cyber Law
Business Formation & Contract Drafting
Media & Sports Law
Health law

Employability, Skill Development

Value-added Courses – Mediating Disputes, Clinical Legal Education (Legal Aid), Mooting Skills
Teaching-Learning Process – Course Design

- Majors, Minors
- Online Courses
- Guest Lectures, Workshops
- Assignments, Quizzes
- Court room Exercises
- Empirical Research
- Lectures, Tutorials

- Peer Tutor
- Student Counselling
- Feedback
- Minors, Majors
- Court Room Exercises
- Moot Exercises
- Online tests
- Presentations
- Project Evaluations
- Client Consultations
- Tutorials
- Case Studies
- Online courses
Research at SOL

- Publications by Faculty in UGC listed/ peer reviewed journals
- Centre for Post Graduate Legal Studies (CPGLS)
- Centre for Intellectual Property Rights, Advocacy, Research & Training (CIPRART)
- Publication of NCU Law Journal
Legal Aid Society at SOL

- Organizing Legal aid Camps
- Students as Para Legal Volunteers
- Organising Public Awareness Camps
- Educating children
Institutional Recognition (Platinum Distinction Award to NCU Rotaract Club by Rotary International Legal Aid Society - District Legal Services Authority, Gurugram)
Initiatives at SOL

• Ongoing Funded Research project – Indian Council for Social Science Research (ICSSR) Sponsored Project on Migrant Labourers under Prof. (Dr.) Manjula Batra

• Series of Open Webinars on Socio-Legal issues - Domestic Violence, Criminal Justice System, Advocacy skills etc.

• Cyber Law – ASU enhanced course

• Canvas LMS - Deptt. Level QAC review (Periodic Review) of all NCU Courses

• Presentation of Research Papers by Students - presented more than 70 research papers in various national and international conferences

• Publication of NCU Law Review- 2nd issue released

• Completion of Swayam Courses - completed 7 courses by 19 students and faculty on supplementary mode
Initiatives at SOL

• Alumni Mentoring Session – a step towards bridging the gap between classroom and industry
• Intra-Moot Court Competition (honoring advocacy skills)
• National Client Consultation Competition (2020- virtual)
• Legal Aid & Rotaract Club Projects and Camps –
  • Project Saral – Menstrual Hygiene
  • Project on Plea Bargaining – Camp in Bhondsi Jail,
  • Slum Development Project – Slum areas identified in Sector 22
HELPING HANDS
HELPING INDIA
JOIN US, DONATE NOW!
FOR
#AMealOfHope
An initiative for provision of home cooked meals for Covid-19 patients (home-quarantined)
Contact: 95604 74981
Whatsapp: 8851-541208
INSTAGRAM: https://www.instagram.com/rotaractncu

ROTARACT CLUB OF THE NORTHCAP UNIVERSITY
For The Year 2021-2022
PROJECT HARIYALI
(A ZONAL EVENT BY ZONE 6)
HOSTED BY
ROTARACT CLUB OF THE NORTHCAP UNIVERSITY
SUPPORTED BY
ROTARACT CLUB OF SUSHANT UNIVERSITY
& ROTARACT CLUB OF CVS

DATE: 24 JULY, Saturday
TIME: 10:30 a.m.
VENUE: Metro World Mall, Sector-56, Gurgaon

Rtr. Ruchika Sharma
President
RaCNCU

Rtr. Samridhi Bansal
President
RaCSU

Rtr. Tushar Patial
President
RaCCVS

Rtr. Ruchika Sharma
President
RaCNCU

Rtr. Samridhi Bansal
President
RaCSU

Rtr. Tushar Patial
President
RaCCVS
ON THE OCCASION OF
NATIONAL SPORTS DAY

"KHEL KHEL MEIN"

Slum School,
Near Sector 21 market

Time - 4 PM
Date - 29 August 2021

RTR. GUNJITA SHARMA
EVENT HEAD

RTR. SOURAV SHARMA
EVENT HEAD

RTR. RUCHIKA SHARMA
PRESIDENT

RTR. AYUSH RAI
SECRETARY
HERITAGE WALK
[A ZONAL INITIATIVE BY ZONE 6]

INITIATED BY
ROTARACT CLUB OF THE NORTHCAP UNIVERSITY
ROTARACT CLUB OF COLLEGE OF VOCATIONAL STUDIES
&
ROTARACT CLUB OF DELHI JANAK

⏰ 10:30 A.M.
📅 21 AUGUST 2021
📍 SUNDER NURSERY
INVITES YOU
FOR A PLEDGE CEREMONY
ON ACCOUNT OF
NATIONAL VOTER'S DAY

January 25, 2021
10:30 am
on Microsoft Teams
NATIONAL CONFERENCE ON VARYING DIMENSIONS OF INTELLECTUAL PROPERTY RIGHTS

ORGANIZED BY
SCHOOL OF LAW, THE NORTHCAP UNIVERSITY

5TH SEPTEMBER 2020

LAST DATE OF ABSTRACT SUBMISSION: 10th AUGUST, 2020
VENUE: THE NORTHCAP UNIVERSITY SECTOR 23A, GURUGRAM WWW.NCUINDIA.EDU

LAST DATE OF REGISTRATION: 15th AUGUST, 2020
International Youth Day at Ambala
August, 2021
AGENDA 2: impediments & GAPS

• Research Publication by faculty
• Research consultancy/ projects
• Teaching learning Resources –
  • Students’ diversity,
  • Industry partnership,
  • Improving employability skills
• Participation in Faculty Development Programmes & Conferences
• Peer Perception – Scope for improvement in academic research, outreach activities among stakeholders
• Quality of Student Placements
AGENDA 3: ACTION PLAN FOR 2021-22
AGENDA 3: ACTION PLAN FOR 2021-22

• Introduction of a **Fundamental Course on Indian Constitution** across the University
• Introduction of 4 **ASU enhanced law courses** & 1 **Global Signature course**
• **NHRC funded Research Project** on Gender-based Violence - Proposal submitted
• **Distinguished Guest Lecture Series** eminent speakers from Judiciary, Corporate Sector, Litigation firms etc.
• **Legal Aid Consultancy**
• **NCU-Cintana Collaborated Research Projects** on STEM and Gender; and Readiness of virtual judiciary
• **Certificate course** on Women and Gender Studies
AGENDA 3: ACTION PLAN FOR 2021-22

• National Client Consultation Competition, 2021
• Enhancing outreach by Legal Aid Society
  • **Nayi Disha** (Awareness programme For NCU family)
  • **Swikriti** (Creating awareness among LGBTQ community)
  • **Slum upgradation project** through quality education
• Senior Citizens’ Week to be observed (September 29 – October 6, 2021) - Workshops, guest lectures, outreach activities
• NCU Law review- 3rd Issue in print
• Call for Papers for NCU Law review- 4th Issue – October 2021
• Celebration of Constitution Day, November 26, 2021
Thank You
School of Professional Attachment

14th IQAC Meeting

Agenda:

• Enhancing students experience through better planning of placement activities.
• Efforts of getting all NCU students placed, irrespective of their grades.

24-09-2021
**Placement Status** as on 23-09-2021

*Class of 2021* (Placements still under progress)

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>B.Tech CSE</th>
<th>B.Tech ECE</th>
<th>B. Tech. ME</th>
<th>B.Tech Civil</th>
<th>B.Tech Total</th>
<th>MBA</th>
<th>LAW (BBA LLB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Students interested in placements</td>
<td>116</td>
<td>17</td>
<td>22</td>
<td>3</td>
<td>158</td>
<td>7</td>
</tr>
<tr>
<td>2</td>
<td>NUMBER OF STUDENTS PLACED</td>
<td>113</td>
<td>15</td>
<td>14</td>
<td>3</td>
<td>145</td>
<td>5</td>
</tr>
<tr>
<td>3</td>
<td>% PLACEMENTS</td>
<td>98.00%</td>
<td>89.00%</td>
<td>64.00%</td>
<td>100.00%</td>
<td>92.00%</td>
<td>72.00%</td>
</tr>
</tbody>
</table>
### Placement Status as on 23-09-2021

**Class of 2022***

<table>
<thead>
<tr>
<th></th>
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<tr>
<td>1</td>
<td>192</td>
<td>23</td>
<td>22</td>
<td>7</td>
<td>227</td>
<td>112</td>
<td>44</td>
</tr>
<tr>
<td>2</td>
<td>99</td>
<td>1</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>% PLACEMENTS</td>
<td>52.00%</td>
<td>15.00%</td>
<td>45.00%</td>
<td></td>
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</table>
## Placement Status as on 23-09-2021

### Comparison from last year

<table>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Students interested in placements</td>
<td>192</td>
<td>23</td>
<td>22</td>
<td>7</td>
<td>227</td>
<td>112</td>
<td>44</td>
</tr>
<tr>
<td>2</td>
<td>NUMBER OF STUDENTS PLACED</td>
<td>99</td>
<td></td>
<td>1</td>
<td></td>
<td>100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>% PLACEMENTS</td>
<td><strong>52.00%</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>15.00%</strong></td>
<td><strong>45.00%</strong></td>
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<tr>
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<td>Students interested in placements</td>
<td>152</td>
<td>29</td>
<td>25</td>
<td>6</td>
<td>212</td>
<td>112</td>
<td>44</td>
</tr>
<tr>
<td>2</td>
<td>NUMBER OF STUDENTS PLACED</td>
<td>19</td>
<td>1</td>
<td></td>
<td></td>
<td>20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>% PLACEMENTS</td>
<td><strong>13.00%</strong></td>
<td><strong>4%</strong></td>
<td></td>
<td></td>
<td><strong>10.00%</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SPA: The way forward...

- Eligibility norms as defined by the hiring organization.
- Mapping of students & companies.
- Increased students’ ownership.
- SPOC for each school for better accountability.
- Targeting better corporate to increase average salary.
- Targeting internship with a wider industry reach.
- Obtaining industry feedback for improving academic curriculum.
## Companies for Class of 2022

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Company Name</th>
<th>Selections</th>
<th>Eligible Streams</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Amazon</td>
<td>2</td>
<td>B. Tech. CSE; EECE</td>
</tr>
<tr>
<td>2</td>
<td>Deloitte</td>
<td>17</td>
<td>B. Tech. CSE; EECE; ME; Civil, M. Tech. CSE</td>
</tr>
<tr>
<td>3</td>
<td>Fidelity International</td>
<td>12 (6 Grad. + 6 Intern)</td>
<td>B. Tech. CSE; EECE</td>
</tr>
<tr>
<td>4</td>
<td>RTDS</td>
<td>12</td>
<td>B. Tech. &amp; M. Tech. CSE; EECE</td>
</tr>
<tr>
<td>5</td>
<td>NCR Corporation</td>
<td>15</td>
<td>B. Tech. &amp; M. Tech. CSE</td>
</tr>
<tr>
<td>6</td>
<td>Cognizant</td>
<td>8</td>
<td>B. Tech. &amp; M. Tech. CSE; EECE</td>
</tr>
<tr>
<td>7</td>
<td>IBM</td>
<td>9</td>
<td>B. Tech. CSE; EECE</td>
</tr>
<tr>
<td>8</td>
<td>Capgemini</td>
<td>15</td>
<td>B. Tech. &amp; M. Tech. CSE; EECE</td>
</tr>
<tr>
<td>9</td>
<td>Hughes Systique</td>
<td>2</td>
<td>B. Tech. CSE</td>
</tr>
<tr>
<td>10</td>
<td>Gemini Solutions</td>
<td>8</td>
<td>B. Tech. CSE</td>
</tr>
<tr>
<td>11</td>
<td>Mages Studio</td>
<td>1</td>
<td>B. Tech. CSE</td>
</tr>
<tr>
<td>12</td>
<td>XRC Studios</td>
<td>2</td>
<td>B. Tech. CSE</td>
</tr>
<tr>
<td>S. No.</td>
<td>Company Name</td>
<td>Selections</td>
<td>Eligible Streams</td>
</tr>
<tr>
<td>--------</td>
<td>-----------------------------</td>
<td>------------</td>
<td>------------------</td>
</tr>
<tr>
<td>1</td>
<td>Grant Thornton</td>
<td>7</td>
<td>B. Tech. CSE</td>
</tr>
<tr>
<td>2</td>
<td>Universal Technical Systems</td>
<td>11</td>
<td>B. Tech. CSE</td>
</tr>
<tr>
<td>3</td>
<td>NIA Agro.</td>
<td>12</td>
<td>B. Tech. CSE</td>
</tr>
<tr>
<td>4</td>
<td>i Value Infosolutions</td>
<td>1</td>
<td>B. Tech. EECE</td>
</tr>
<tr>
<td>5</td>
<td>Targus Technologies</td>
<td>1</td>
<td>B. Tech. EECE</td>
</tr>
<tr>
<td>6</td>
<td>U-Shin India</td>
<td>4</td>
<td>B. Tech. EECE</td>
</tr>
</tbody>
</table>
## Upcoming Companies for Class of 2022

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Company Name</th>
<th>Eligible Streams</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Optum – UHG</td>
<td>B. Tech. CSE</td>
</tr>
<tr>
<td>2</td>
<td>EY</td>
<td>B. Tech. CSE; EECE</td>
</tr>
<tr>
<td>3</td>
<td>Celebal Technologies</td>
<td>B. Tech. CSE; MBA</td>
</tr>
<tr>
<td>4</td>
<td>Simpplr</td>
<td>B. Tech. CSE</td>
</tr>
<tr>
<td>5</td>
<td>Jaro Education</td>
<td>SOM All branches</td>
</tr>
<tr>
<td>6</td>
<td>Planet Spark</td>
<td>B. Tech. ; SOM All branches</td>
</tr>
<tr>
<td>7</td>
<td>Legit Quest</td>
<td>BBA LLB</td>
</tr>
<tr>
<td>8</td>
<td>Nishith Desai &amp; Associates</td>
<td>BBA LLB</td>
</tr>
<tr>
<td>9</td>
<td>CyberSRC® Consultancy LLP</td>
<td>B.Tech CSE</td>
</tr>
<tr>
<td>10</td>
<td>Decimal Technologies 2022 (Prime)</td>
<td>B.Tech CSE</td>
</tr>
<tr>
<td>11</td>
<td>Square Yards</td>
<td>BBA &amp; MBA</td>
</tr>
<tr>
<td>12</td>
<td>Tata Consultancy Services</td>
<td>B.Tech, M.Tech &amp; M.Sc. all Disciplines</td>
</tr>
<tr>
<td>S. No.</td>
<td>Company Name</td>
<td>Eligible Streams</td>
</tr>
<tr>
<td>--------</td>
<td>-------------------------------------------------------------------------------</td>
<td>----------------------------------------</td>
</tr>
<tr>
<td>1</td>
<td>DeltaX 2022 (Prime)</td>
<td>B.Tech CSE</td>
</tr>
<tr>
<td>2</td>
<td>HEALTHKART (Bright Life Care) - (Prime)</td>
<td>B.Tech CSE</td>
</tr>
<tr>
<td>3</td>
<td>High Street Essentials 2022 (Prime)</td>
<td>B.Tech CSE</td>
</tr>
<tr>
<td>4</td>
<td>Kyndryl Global Technology Services (GTS)</td>
<td>B.Tech &amp; M.Tech CSE</td>
</tr>
<tr>
<td>5</td>
<td>LegalRaasta Technologies</td>
<td>BBA, B.Com (H); BBA LLB</td>
</tr>
<tr>
<td>6</td>
<td>Madan Media / BBC World Service 2022</td>
<td>B.Tech CSE &amp; ECE</td>
</tr>
<tr>
<td>7</td>
<td>MyAnatomy 2022 (Prime)</td>
<td>B.Tech &amp; M.Tech CSE, EECE</td>
</tr>
<tr>
<td>8</td>
<td>Mynd Integrated Solutions 2022</td>
<td>MBA – HR &amp; Marketing</td>
</tr>
<tr>
<td>9</td>
<td>Newgen Software Technologies</td>
<td>B.Tech CSE</td>
</tr>
<tr>
<td>10</td>
<td>Paperpedia 2022 (Prime)</td>
<td>B.Tech CSE, MBA Finance &amp; Marketing</td>
</tr>
<tr>
<td>11</td>
<td>RSM Delivery Center (RDC) 2022 (Dream Company)</td>
<td>B.Com (H); B. Tech. CSE</td>
</tr>
<tr>
<td>12</td>
<td>rtCamp Solutions 2022 (Dream Company)</td>
<td>B.Tech &amp; M.Tech CSE</td>
</tr>
</tbody>
</table>
Thank You!!!

2. To address the Grievances of the students, UGC has issued a notification which enumerates the methodology to look into the grievances of the students and take speedy, corrective & timely actions.

3. **Disposal of Grievances:**
   Grievances of the students shall be addressed at the following level:

   a) **At the University level**

<table>
<thead>
<tr>
<th><strong>Name</strong></th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dr. Pramod Bhatia</strong></td>
<td>(Head – Mechanical Department)</td>
</tr>
<tr>
<td><strong>Ms. Archana Sarma</strong></td>
<td>(Assistant Prof. – School of Law)</td>
</tr>
<tr>
<td><strong>Dr. Ruchi Nayyar</strong></td>
<td>(Associate Prof. - School of Management)</td>
</tr>
<tr>
<td><strong>Ms. Kiran Mrig</strong></td>
<td>(Dy. Manager – Student Admin.)</td>
</tr>
<tr>
<td><strong>Dr. Anjali Garg</strong></td>
<td>(Dy. Dean Ph.D)</td>
</tr>
</tbody>
</table>
b) **At the School / Department level** (As constituted for governance of University vide our IOM dated : 09 October 2017 for Student Redressal Mechanism - grievanceredressal@ncuindia.edu)

Dr. Anjali Garg (Dy. Dean Ph.D) - Chairperson  
Dr. Shilpa Sindhu (Assistant Prof. – School of Management) - Member  
**Dr. Balwinder Singh** (Assistant Prof. – School of Law) - Member  
Ms. Neeti Kashyap (Assistant Prof. – CSE & IT) - Member

4. The above committees shall look into the Grievances of the aggrieved students as specified in the UGC notification as per Para 1 above & effectively resolve complaints, representation & grievances of the students. The committee shall follow the principals of natural justice while deciding the grievances of the students. After examining the complaints made by the aggrieved students, the committee shall issue a speaking order:

- A speaking order on the grievances shall be recorded and replied to the student by the committee with a copy kept as record within 10 days from the receipt of the grievance.
- In case a student is not satisfied by the reply provided by the Grievance Redressal Committee he/she may within a further period of 6 days prefer an appeal to the Vice Chancellor of the University.

5. Notice boards as per UGC letter No. F/1-1/2013(PG), dated : 5th February 2019, addressed to all VC’s, has been displayed in prominent places in the entrance to the new and main building, Cafeteria & Library.

6. Gazette notification issued by the UGC is enclosed.

7. The Grievance Redressal Committee shall have a term of two years.