

# SUPPLEMENTARY AGENDA

## FOR THE MEETING OF

## ACADEMIC COUNCIL

DATE	:	JULY 18, 2022
TIME	•	11:00 A.M.
DAY	:	MONDAY
VENUE	:	COMMITTEE ROOM,
		ADMINISTRATION BLOCK-II,
		UNIVERSITY OF JAMMU,
		JAMMU

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#### ITEM No.67

To confirm the action taken by the Board of Research Studies in faculty of Sciences for grant of extension in favour of Ms. Aasiya Abdullah for two years beyond three years as one time exemption.

### NOTE:

Ms. Aasiya Abdullah was registered for Ph.D programme in Home Science on 19.09.2018 and has applied for extension for two years beyond three years but she has done only 20% of the work in three years and DRC of the Department has mentioned that her less progress was due to the late approval of title and also due to the Covid-19 pandemic from last two years, while as the statute 7(ii) of the statutes governing degree of Doctor of Philosophy provides as under:

"A scholar must submit his/her thesis after a period of three years (including course work);extension shall be granted for two years beyond three years only if the progress of research work is 50% (40% in case of women candidates and persons with disability) and the case is duly recommended by the DRC concerned."

The matter was placed before the meeting of Board of Research Studies at its meeting held on 12.05.2022and it was resolved that "grant for extension in favour Ms. Aasiya Abdullah for two years beyond three years is approved as one time exemption. However action taken shall be reported to Academic Council for confirmation.

Hence, the matter is submitted to the Academic Council for confirmation of the action taken.

Dated: 18.07.2022

### ITEM No.68

To confirm the action taken by the Vice-Chancellor in having authorised the nomination of two persons to work in the Faculty of Medical Sciences possessing expert knowledge of a subject or subjects comprising the Faculty under Section 27(3)(c)(iv) of the Kashmir and Jammu Universities Act, 1969 for the triennial period 2021-24.

### NOTE:

The Section 27(3)(c)(iv) of the Kashmir and Jammu Universities Act, 1969 reads as under:-

'Two persons to be nominated by the Academic Council of the University concerned on account of their possessing expert (Knowledge of the subject) or subjects (comprising the Faculty)".

In view of the above section, the Vice-Chancellor has nominated the following two persons out of the panel suggested by the Dean, Faculty of Medical Sciences to work in the Faculty of Medical Sciences possessing expert knowledge of a subject or subjects comprising the faculty for the triennial period 2021-24:

- 1. Dr. Aroma Oberoi (Professor) CMCH, Ludhiana (Punjab)
- 2. Dr. Vipan Kumar Koushal (Professor) Hospital Administration cum Medical Superintendent PGIMER, Chandigarh

Hence, the action taken is reported for confirmation of the Academic Council.

#### ITEM No.69

To consider the revision in the fee structure for Post Graduate Diploma in Museology and Conservation from session 2022-2023.

### NOTE:

It is submitted that the revision of the fee structure for the Post Graduate Diploma in Museology and Conservation of the Centre for Studies in Museology, University of Jammu from session 2022-2023 for both fresher and in-service candidates was discussed in the DAC of the Centre held on 8<sup>th</sup> February 2022. The DAC was of a considered opinion that admission fees of the PG Diploma in Museology and Conservation should be Rs. 12,000/- (Twelve thousand only) excluding the fee to be deposited in the University chest (i.e Examination fee and admission/registration fee) for both fresh and in-service candidates considering the economic crisis faced by the people due to the pandemic and after analyzing the fees structure of PG Diploma in Museology and Conservation of other Universities/Museums in India. As recommended by the DAC the matter was placed in the BOS of the Centre and the members of the BOS also recommended the reduction of the fee structure of the Centre. The minutes of the DAC and BOS are placed as **Annexure-I & II**.

Hence, the matter with regard to reduction of fee structure for Post Graduate Diploma in Museology and Conservation from session 2022-2023 to 12,000/- excluding the fees to be deposited in the University chest, is submitted for consideration. The fee structure is placed as **Annexure-III**.

Amexure-I

Minutes of the meeting of DAC, Centre for Studies in Museology held on 8<sup>th</sup> February 2022 at 12.30 pm at the office of the Director of the Centre

Members present:

- Prof. Poonam Chaudhary Linean
   Prof. Alka Sharma Allu Shound
   Dr. Malay Dey Malay

#### Agenda:

Revision in the fee structure for Post Graduate Diploma in Museology and Conservation from session 2022-2023 for both fresher and in-service candidates.

#### **Resolution-**

At the very onset the Director appraised the Departmental Affairs Committee members that the admission fees for the Post Graduate Diploma in Museology and Conservation of the Centre for Studies in Museology, University of Jammu from the session 2022-2023 for both fresher and in-service candidates should be revised considering the economic crisis faced by the people due to the pandemic. It was also observed that Chatrapati Shivaji Museum, Mumbai is charging Rs. 12500/- fee for PG Diploma in Museology and Conservation.

After analyzing the fees structure of PG Diploma in Museology and Conservation of the Centre it was resolved that the fee structure of the PG Diploma in Museology and Conservation being offered by the Centre for Studies in Museology, University of Jammu should be 12000/- excluding the fees to be deposited in the university chest for both fresher and in-service candidates. (See Annexure1 for fee structure)

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

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The online meeting of the Board of Studies of the Centre for Studies in Museology held on 8<sup>th</sup> July at 10.00 am through Google Meet.

#### Members Present-

- Prof. Poonam Chaudhary, Convener 4 Annual
   Prof. Alka Sharma, Member
- 2. Prof. Alka Sharma, Member
- 3. Prof. Shyam Narayan Lal, Member
- 4. Prof, Sunjay Jain, Member
- 5. Dr. Malay Dey, Special Invitee
- 6. Ms. Monika, Representative of DAA

#### Item 1

1. To review the syllabus and Information Bulletin of PG Diploma in Museology and Conservation

### Resolution

Prof. Poonam Chaudhary, Director, Centre for Studies in Museology, University of Jammu appraised the members the syllabus and other modalities of Post Graduate Diploma in Museology and Conservation. After threadbare discussion, members of the BOS approved the syllabus and Information Bulletin). The members have approved 23.99% change in the syllabus of PG Diploma in Museology and Conservation((See Syllabus). 5 credits Practical on Museum Techniques has been converted to 4 credits theory paper keeping the content mostly as it was (2% changed).A 2 credits Dissertation paper has been added to the First semester (6.66% changed). The members approved 14 credits for First Semester instead of 13 credits. In 2nd Semester a new theory paper has been introduced titled - Heritage and its Legislations and International Conventions (Paper Code-PGDMC203) (see Syllabus) instead of Project on Documentation, Exhibition of museum objects and field work (Changed 13.33%). In paper PGDMC204 Viva voce has been added for giving marks on Internship Repot (Changed 2%). Total Changed 23.99%

The changes are highlighted in yellow.

#### Item 2

### To review the fee structure of PG Diploma in Museology and Conservation

#### Resolution

The Director appraised the members that the fees for the above course were Rs. 25000/- and Rs. 40000/- for fresher and in-service candidates respectively. Butafter reviewing students' responses at the time of admission, it has been found that many of them are not able to bear the course fees due to economic conditions especially after covid 19. It was also observed that Chatrapati Shivaji Museum, Mumbai is charging Rs. 12500/- fee for PG Diploma in Museology and Conservation.

After analyzing the fees structure of PG Diploma in Museology and Conservation of the Centre, it was resolved that the fee structure of the PG Diploma in Museology and Conservation being offered by the Centre for Studies in Museology, University of Jammu should be 12000/- excluding the fees to be deposited in the university chest for both fresher and in-service candidates. (See Annexure1 for fee structure).

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The revised fee structure with previous structure have been given below-

### Total Course Fees (Non-refundable)

Fees	Previous Amount in Rs. (for fresher/ In-service)	Revised Amount in Rs.
To be deposited to the Centre foe Studies in Museology for the	15000/ 28000	Tuition fees- RS. 8000
purpose of Tuition, Lab and Field Trip fees	50000/5000	Lab fees- Rs. 2000
	1000/2000	Removed
	2000/3000	Removed
	2000/2000	Field Trip- Rs. 2000
Fees to be deposited to the University chest for the purpose of admission/ Registraonand Examination		Admission fees- Rs. 440 University Development Fund- Rs. 640 Stationary Fees- Rs. 260 Magazine fees and University News-Rs. 130 Digitization FundRs 220 Library Fees- Rs 220 Sports Fees- Rs. 480
		Examination fees per semester- Exam fees- Rs. 790 Exam Maintenance fees- Rs. 140 Exam Development fees- Rs. 290

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

### ITEM No.70

To consider the matter with regard to the increase in the intake capacity of LL.M seats from 15 to 30.

### NOTE:

It is hereby submitted that LL.M (2 years) Post Graduate Degree Course in the Department of Law was started in the 1980s with an intake capacity of 15 seats as per following seat matrix:

### Total Seats 15: Open: (13) SC (1); ST (1)

Now for the last two decades, in addition to the Department of Law running LL.B. (3 Years) Professional Course, The Law School, University of Jammu is also running BA. LL.B. (5 Years) Course since 2003. Besides other Private affiliated Law Colleges have also started both LL.B (3 years) and B.A.LL.B (5 years) courses. This has resulted in persistent demand from the students for increase of more seats for admission to LL.M Course in the Department of Law.

Accordingly, the issue was taken up in the DAC of the department which unanimously resolved that the intake capacity of LL.M seats be increased from 15 to 30 from the Session 2023-24 onwards and reservation as per SO 127 be made applicable. Besides it was also resolved that 15% seats (Supernumerary) be got filled under Self Financing basis @ Rs. 1.5 Lakh/Seat as per the applicable norms of the University governing admission.

Hence, the matter is submitted for consideration of the Academic Council.

### ITEM No.71

### To consider Establishment of Computer Lab for Students and Scholars of the Department by the Kunwar Viyogi Memorial Trust (KVMT) in the Department of Dogri, as Centre of Excellence:

- 1. Kunwar Viyogi Memorial Trust (KVMT) has done a MOU with our University in collaboration of P.G. Department of Dogri in the year 2017 and deposited endowment funds to the tune of Rs. 15 Lakhs for organizing literary programme on Kunwar Viyogi every year. In addition, KVMT has also instituted three scholarships i.e. 'Kunwar Viyogi Merit Scholarship' for male topper & 'Prem Jamwal Kunwar Viyogi Merit Scholarship' for female topper of the department every year besides 'Kunwar Viyogi Research Scholarship which is awarded to those who take up research work on the Dogri writers/poets etc., especially Kunwar Viyogi Ji and others. The research includes comparative studies of Dogri works and world literature, study of new genres and cataloging early Dogri literary works to lend a historical perspective to modern-day learners and innovation and translations.
- 2. Now, the KVMT has submitted a layout plan for the establishment of Kunwar Viyogi Computer Lab, Department of Dogri, University of Jammu in the Scholars' Room of the department existing in the NSS Block for the promotion and development of Dogri Language and Literature.
- 3. In this connection, it is submitted that initially, the department intends to run a basic computer course for the students and scholars of the department to get them aware about usage of Computer and its basic knowledge and the department will approach MCA Deptt. for deputing NET/JRF qualified scholars for imparting the basic computer knowledge. After successful establishment of the said Computer Lab, the department will run a short term basic computer course and the students of other languages departments of the University will also be admitted for the said course on nominal admission fees as approved by the registry. Accordingly, the syllabi for the same will also be framed by the experts who will be invited in the workshop being conducted by the department after the establishment of said Computer Lab and the same will also be got approved from the academic council.
- 4. It is pertinent to mention here that day to day maintenance of the said Computer Lab shall be taken care by the KVMT.
- 5. The matter was agreed in principal by the then Vice-Chancellor. However, it was desired that the matter was placed before the Campus Deans for detailed examinations and further deliberations.

Now, since the case is of academic nature and the meeting of the Campus Deans has not been held on yet, the KVMT is repeatedly requesting for getting permission to inaugurate the said Computer Lab in the month of September, 2022, in the department of Dogri as per the already agreed terms and conditions as recommended by the D.A.C. of Dogri Department (all relevant papers are placed as Annexure), it is, therefore, proposed that the matter be placed for deliberations before the ensuing meeting of Academic Council of the University for consideration of the following :-

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- i) Since, the KVMT organizes literary programme on Kunwar Viyogi in collaboration with the department in the month of September every year and has already sponsored Gold medals in favour of meritorious students of the department, as approved by the University Council, therefore, permission for setup/inauguration of said Computer Lab facility in the Department of Dogri in the name of Kunwar Viyogi may be authorized.
- ii) Since the above facility is proposed to be used by the scholars and the department has also agreed to provide short term basic computer course (three-six months' duration on self-supporting basis) in different languages for the benefit of scholars of all the languages department, therefore, the department shall complete the whole exercise regarding formation of syllabus, course modules, and other related modalities/nominal fees/budgetary allocations etc. with six months and put up the same for approval of Competent Authority subsequently.

Hence, the matter is submitted for the consideration of the Academic Council.

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KUNWAR Street Abundance AL TRUST

Head of the Department Post-Graduate Department of Dogri University of Jammu JAMMU-180006

Kind Attention - Prof. SHIVDEV SINGH MANHAS.

Dear Sir,

We hereby acknowledge with thanks the receipt of your letter No. PDF/DG/22/4091 dated 18<sup>th</sup> Feb'2022 regarding establishment of Computer Lab having title **"Kumar Viyogi Digital Research Lab"**. Department of Dogri, University of Jammu, Jammu.

We further express our thanks for our meeting held with you on yesterday, 15<sup>th</sup> March' 2022 where various points were discussed to make the above component functional at the earliest.

In this regard, please find attached herewith a detailed plan of the room earmarked by your department for this component showing the general layout and various works required to be executed to make the Digital Lab functional.

It is our sincere hope that with your kind cooperation and guidance, this endeavour of ours will bring about a paradigm change in undertaking various projects of Dogri Language in the coming years. It will lend richness of research and comparative studies with world literature, to Dogri. Our aim is to help Dogri scholars to document the rich legacy of Dogri language and attract scholars from across the nation and world for research in the language.

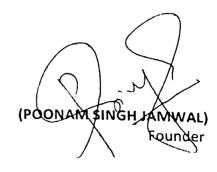
In light of above, you are therefore requested to kindly grant us permission to undertake the various works as mentioned in our layout plan.

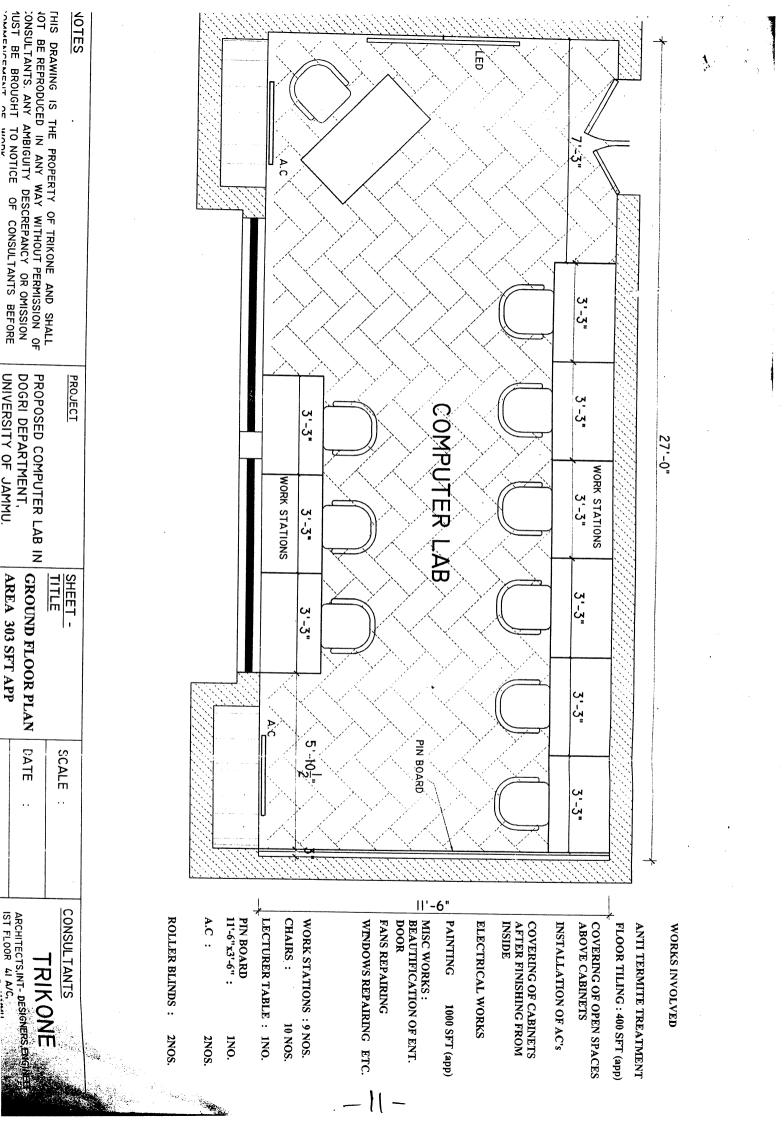
We shall make all efforts to complete all the works immediately so that the KV Digital Lab starts functioning at the earliest.

Thanking you.

Yours faithfully

(GOVERDHAN SINGH JAMWAL) Chairman Kumar Viyogi Memorial Trust





(:0191-2435248, 2435259 (Ext. 2398)

No.: PGD/DG/2214149 Dated 3010312022



### POST-GRADUATE DEPARTMENT OF DOGRI UNIVERSITY OF JAMMU, JAMMU-180 006

Head of the Department

Sh. Goverdhan Singh Jamwal, Chairman, Kunwar Viyogi Memorial Trust Jammu/Delhi.

Sir,

Thanks for your email letter dated 21.03.2022 alongwith layout plan regarding establishment of Computer Lab and seeking permission to undertake the various works as mentioned in your layout plan. In this connection, I am enclosing herewith minutes of the meeting of faculty members of the department held with your goodself on 15.03.2022, which are self-explanatory. However, the decisions taken in the above referred meeting are reproduced hereunder for your kind perusal : -

- 1) It was resolved that a Computer Lab under the name of Kunwar Viyogi Digital Lab be established by the KVMT in the department.
- 2) It was also resolved that initially the department will run a basic computer course for the students & scholars of the department in the above said Lab and the syllabi for the same will be framed by the experts which will be invited in the workshop being conducted by the department after the establishment of said Computer Lab.

It is pertinent to mention herewith after the termination of the above referred meeting, you had also inspected the designated room with your architecture/technical expert and discussed about certain minor & major equipment like inverter/generator, internet connectivity, LED or digital board etc. which are missing in your layout plan.

In view of above, it is once again intimated to your goodself that the name of the Computer Lab is Kunwar Viyogi Digital Lab instead of "Kunwar Viyogi Digital Rsearch Lab" as mentioned by you in the above referred email letter.

You are, therefore, requested to kindly incorporate the certain minor & major equipment like inverter/generator, internet connectivity, LED or digital board etc. as suggested above in your tayout plan in the first instance and send the revised layout plan to enable us to forward the case for the establishment of the Computer Lab under the name of Kunwar Viyogi Digital Lab to the competent authority for the concurrence of requisite permission in this regard.

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Thanking you,

Yours faithfully,

(Prof. Shiv Dev Singh Manhas) Head of the Department Post-Graduate Deptt. of Dogri Jammuc University elammu (Tawi)

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A meeting of the faculty members of P.G. Department of Dogri, University of Jammu was held with the Chairman, Kunwar Viyogi Memorial Trust (KVMT), Sh. Goverdhan Singh Jamwal on 15.03.2022 at 2.00 p.m. in office chamber of HOD Dogri. The following members attended the meeting :-

- 1. Prof. Shiv Dev Singh Manhas, HOD Dogri (in the chair)
- 2. Sh. Goverdhan Singh Jamwal, Chairman, KVMT
- 3. Prof. Sushma Sharma
- 4. Dr. Padam Dev Singh
- 5. Dr. Sandeep Dubey

At the outset of the meeting, the HOD welcomed all the members and specially thanked Sh. Goverdhan Singh Jamwal, Chairman, Kunwar Viyogi Memorial Trust (KVMT) for showing keen interest in establishing a Computer Lab in the department for the promotion and development of Dogri Language and Literature. After threadbare discussion on the matter, the following decisions were unanimously taken in the meeting :-

- 1) It was resolved that a Computer Lab under the name of Kunwar Viyogi Digital Lab be established by the KVMT in the department.
- 2) It was also resolved that initially the department will run a basic computer course for the students & scholars of the department in the above said Lab and the syllabi for the same will be framed by the experts which will be invited in the workshop being conducted by the department after the establishment of said Computer Lab.

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The meeting terminated with a vote of thanks to the Chair.

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lead of the Department

Sh. Goverdhan Singh Jamwal, Chairman. Kunwar Viyogi Memorial Trust Jammu/Delhi.

No.: PGD/DG/22/4091 Dated 18/02/2022

Sir,

This has reference to the meeting held with Hon'ble Vice-Chancellor on 13.12.2021 in his office chamber to finalize the draft proposal of Centre of Excellence in Dogri. In this connection, I am pleased to inform you that as per decision taken in the said meeting, the department welcome for your contribution to establish one of the components which comes under the proposed Centre of Excellence in Dogri. Accordingly, the department has finalized the said component and its title, the details of which is given as under for your further necessary action:-

Name of the Component Title of the Component	:	Computer Lab Kunwar Viyogi Computer Lab, Department of Dogri, University of Jammu

It is also intimated to your goodself that initially the said component will be run in the premises of P.G. Department of Dogri with the above mentioned title. However, after the new building of Centre of Excellence in Dogri is being constructed, the title of the component will be as under :-

Title : Kunwar Viyogi Computer Lab under the aegis of Centre of Excellence in Dogri

It is pertinent to mention here that the department had already shown the space/room where the said Computer Lab is to be installed during your visit in the department on 03.09.2021.

Further, it is also intimated to your goodself that with the available space/room, only six to eight computer systems can be installed but whenever the new building is constructed, the infrastructure of the said component will be enhanced.

It is further intimated to your goodself that this component shall be run according to the needs and requirements of the department. As & when the Centre of Excellence in Dogri is fully established, the same will be run according to the needs & requirements of the COE.

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Thanking you,

Yours faithfully,

(Prof. Shive and Shigh Manhas)

Mannau University Jammu (Tawi

A meeting with the Hon'ble Vice-Chancellor was held on 13.12.2021 at 3.00 p.m. in his office chamber to finalize the draft proposal of Centre of Excellence in Dogri. The following members attended the meeting :-

1. Prof. Manoj K. Dhar, Hon'ble Vice-Chancellor (in the Chair)

- 2. Prof. Lalit Magotra
- 3. Sh. Goverdhan Singh Jamwal, Chairman, KVMT
- 4. Prof. Shiv Dev Singh Manhas, HOD Dogri
- 5. Prof. Sushma Sharma
- 6. Dr. Padam Dev Singh
- 7. Dr. Sandeep Dubey

At the outset of the meeting, the Hon'ble Vice-Chancellor welcomed all the members and viewed the incorporated suggestions already made by him in the previous meetings.

The desire of Sh. Goverdhan Singh Jamwal, Chairman, Kunwar Viyogi Memorial Trust (KVMT) to contribute one of the components which comes under the big umbrella of the proposed Centre of Excellence in Dogri was also discussed in the meeting. The Hon'ble Vice-Chancellor and all the faculty members welcomed his positive approach towards the development and promotion of Dogri language. In this connection, Prof. Lalit Magotra also made it clear that it is worthwhile to go over the whole process for preparing the said proposal and how the proposed Centre of Excellence in Dogri is envisaged to exactly work. After threadbare discussion, it was resolved that the department will finalize one of the components and its title which will be communicated to the KVMT so that they make their contribution.

It was also resolved in the meeting that the component allotted to KVMT will initially be started in the premises of P.G. Department of Dogri till the new building of Centre of Excellence in Dogri is constructed.

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The meeting terminated with a vote of thanks to the Chair.

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### **UNIVERSITY OF JAMMU**

No.Coord./ Intro\_Res\_86UC/20/1485-86 Date: 09/12/2020 ~ luto The Head, Department of Dogri. University of Jammu, Jammu. Sir

Please find enclosed the record of discussions held and decision, taken vide point no. (iv) by the Hon'ble Chancellor in the introductory remarks of the Minutes of **86<sup>th</sup> meeting of the University Council** held on 11.09.2020 for your kind perusal:

It is requested to your goodself to please take further necessary followup action urgently, the action taken may please be intimated to the office of the undersigned.

Thanking you,

Yours faithfully, 09/12 Dr. Imran Farooq Public Relation Officer (1/c Coordination) 754 Copy to: 1. Dean Faculty of Arts, Department of Urdu, University of Jammu u/12/20

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The Chancellor stressed that literary work in two regional languages – Dogri in the University of Jammu and Kashmiri in the University of Kashmir be encouraged by setting up of Centres of Excellence in two respective Universities. The Chancellor directed that translation of existing work in the other languages of the country be also initiated for the promotion of culture, tradition and heritage of U.T of J&K at National and International level. He also urged that both the Universities should explore the possibilities to work on the other local languages of U.T of J&K such as Pahari, Gojari etc. for the promotion of cultural and multi-linguistic heritage of the J&K.

Underlining the importance of overall development of student community, the Chancellor advised for increased participation of students in co-curricular activities like NSS, NCC, sports, music etc., and students be encouraged to participate in social activities.

The Chancellor observed that the best teaching and learning methods should be adopted along with regular capacity building and orientation of teaching faculties of the University. He laid stress on developing a curriculum based on student's feedback by counting it as a globally accepted practice which lend a different perspective to the existing pedagogy.

While discussing the issue of reservation, the Chancellor directed that modalities for extending the benefits of reservation policy in all the Universities across the U.T of J&K be worked out and finalised in mission mode.

The Chancellor urged for the establishment of research and incubation centres in the Universities and underscored that higher education institutions without them are incomplete.

The Chancellor hailed the New Education Policy (NEP) and said it will empower the youth towards nation-building. He stressed that under this policy critical thinking shall be encouraged in addition to development of skills and hands-onlearning. He further stressed that special focus be given to accessibility, equality, quality, affordability and accountability in education sector.

While convening the meeting, the Chancellor directed that the academic and administrative matters be dealt in academic council and University Syndicate, respectively and only policy decision matters should be presented in the University council in future.

Arising out of the discussion, it was brought to the kind notice of Hon'ble Chancellor that there is a long pending issue of enhancement of retirement age of Teaching faculty of the Universities of the UT of J&K from present 62 years to 65 years as per UGC Regulations. The Hon'ble Chancellor directed that a committee under the chairmanship of Advisor to Hon'ble Lt. Governor shall examine the whole issue and submit its recommendations for the approval of the Hon'ble Chancellor.



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### **ITEM NO. 86.43**

Considered the establishment of Directorate of Hindi in the University of Jammu.

**RESOLVED that** the matter be referred with full facts and justifications to the Hon'ble Chancellor for consideration through Financial Advisor (Universities).

However, the Hon'ble Chancellor issued the directions to work out the modalities and to take steps for the promotion of Dogri language in the University of Jammu and Kashmiri language in the University of Kashmir.

### ITEM NO. 86.44

Considered the recommendations of the Campus Deans with regard to non enhancement of the fee structure of the University of Jammu for next two years i.e. 2020-21 & 2021 22.

**RESOLVED that the** recommendations of the Campus Deans with regard to non enhancement of the fee structure of the University of Jammu for next two years i.e. 2020-21 & 2021-22, be approved.

### ITEM NO. 86.45

Considered the proposal for establishment of the Philosophy Department, University of Jammu.

**RESOLVED that the** proposal for establishment of the Philosophy Department, University of Jammu, be approved. However, the matter w.r.t. eligibility conditions for teaching positions needs to be revisited, in consultation with the Advisory Committee constituted by the University

RESOLVED further that matter w.r.t. creation of teaching and nonteaching positions with full facts and justification be referred to the Financial Advisor (Universities) for concurrence.

### **ITEM NO. 86.46**

Considered the reduction in NRI/Industry sponsored seats fee in M.Sc Biotechnology programme from 3.025 lacs to 2.0 lacs in two equal instalments.

RESOLVED that the reduction in NRI/Industry sponsored seats fee in M.Sc Biotechnology programme from 3.025 lacs to 2.0 lacs in two equal instalments, be approved.

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### ITEM No.72

### To consider the matter with regard to start of Six months Skill Based Certificate Courses on AI and Machine Learning and Big Data Analytics Using Hadoop to be offered by UESDC.

### NOTE:

In pursuance to the MOU, between University of Jammu and National Institute of Electronics & Information Technology (NIELIT), UESDC intends to propose 6 months certificate courses on AI and Machine Learning and Big Data Analysis Using Hadoop. The courses shall be offered to the graduates of the region to upskill them in the emerging technologies like AI and ML.

The courses are specially designed to impart hands on practical training to the candidates. The duration of the courses shall be 6 months with a batch size of 25 students. Eligibility criteria for the admission to the AI and Machine Learning course shall be graduation in any stream with mathematics as one of the subjects in 12th and on the other hand student with graduation in any stream shall be eligible for Big Data Analytics Using Hadoop. The fee for the courses is proposed to be Rs. 19,942/- (including GST) and a registration and processing fee of Rs. 1000/- for each course. The registration and processing charges of Rs.1000/- per candidate shall be retained by UESDC. Further revenue generated from the proposed courses under joint certification would be on shared basis, the ratio of 70:30 by NIELIT, Jammu and Kashmir and University of Jammu (Department of Computer Science & IT and Department of Electronics) respectively. The forms for the same shall be available on the university website and the admission criteria shall be on the basis of performance in academic record. The total marks shall be 10, out of which 05 marks shall be for 12th class score and 05 for graduation score. The modules of the courses shall be covered in 2 hrs per day.

The students shall be evaluated on the basis of project work in the group of 3-4. The course completion certificate shall be issued to the candidates after evaluating project work of each candidate on successful completion of training jointly by NIELIT, J&K and University of Jammu. The syllabus of the courses along with complete details is placed as Annexure-I, II & III for the kind consideration.

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### Annexure-I

### Big Data Analytics Using Hadoop

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S No	Modules	Course Content Topic
1	Oracle Virtual Machine tool & Unix/Linux Operating System	Introduction & Installation: Virtual Machine (Oracle VirtualBox) and Unix/Linux Operating System Basics of Unix Shell commands, Shell Programming
2	MySQL Database	Introduction and Installation of MySQL (Open Source Relational Database Management System) SQL Commands(DDL,DML,DQL),Joins, SubQueries etc
3	Hadoop Architecture	What is Big Data, Hadoop Architecture, Hadoop ecosystem components, Hadoop Storage: HDFS, Hadoop Processing:MapReduce Framework, Hadoop Server Roles: Namenode, Secondary Namenode, and Datanode, Anatomy of File Write and Read.
4	Hadoop Installation & Configuration	Hadoop Installation (Single Node & Multi Node) Hadoop Cluster Architecture, Hadoop Cluster Configuration files, Hadoop Cluster Modes, Multi-Node Hadoop Cluster, A Typical Production Hadoop Cluster, MapReduce Job execution, Common Hadoop Shell commands, Hadoop Copy Commands
5	Java Programming	Core Java concepts and Programming, JDK,JRE,JVM,Keywords,Operators,Data types, Varaibles, Control statements, String, Arrays, OOPS Concepts,Packages,Interfaces,Exceptions. Eclipse Luna Configuration with Hadoop
6	Hadoop MapReduce framework	Hadoop Data Types, Hadoop MapReduce paradigm, Map and Reduce tasks, MapReduce Execution Framework, Partitioners and Combiners, Input Formats (Input Splits and Records, Text Input, Binary Input, Multiple Inputs), Output Formats (TextOutput, BinaryOutPut, Multiple Output)
7	Apache PIG & Pig Latin	Installing and Running Pig, Pig Architecture, Pig Components,Need of Pig,Pig Vs Mapreduce Grunt, Pig's Data Model, Pig Latin, Developing & Testing Pig Latin Scripts, Writing Evaluation,Filter, Load & Store Functions, Hadoop Project: Pig Scripting.
8	Apache HIVE(HQL)	Hive Architecture and Installation, Comparison with Traditional Database, HiveQL: Data Types, Operators and Functions, Hive Tables(Managed Tables and External Tables, Partitions and Buckets, Storage Formats, Importing Data, Altering Tables, Dropping Tables), Querying Data (Sorting And Aggregating, Map Reduce Scripts, Joins & Subqueries, Views, Map and Reduce side Joins to optimize

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		Query), User Defined Functions, Appending Data into existing Hive Table, Custom Map/Reduce in Hive, Hadoop Project: Hive Scripting.
9	<b>Apache Hbase</b> (NoSQL Database)	Hbase Introduction, Architecture and Installation, Limitation of Hadoop, Difference between HBase and HDFS, Storage Mechanism in Hbase, Hbase Shell, HBase Commands,Create Table, HBase Describe and Alter, HBase Drop Table,  Shutting Down, Create/Delete/Update/ and Read data Scan, Count and Truncate Commands
10	Apache FLUME	Flume Introduction, Architecture,Installation& Configuration, Features of Flume,Data Transfer in Hadoop, Problems with HDFS,Flume Agent and its components, Fetching Twitter Data,Flume Sinks ,Flume Sink Processors, Flume Interceptors and Flume Channels
11	Apache SQOOP	What is Sqoop?, Sqoop Architecture and Installation ,Creating MySQL Table, Adding information to MySQL, Import Table to MySQL to Hadoop using Sqoop and with target directory,Sqoop import all tables,list database, Sqoop Export
12	Apache ZooKeeper	What is ZooKeeper, Introduction, Architecture, components and Installation, Need of Apache zZookeeper,Data Model,Znodes, Sessions and Watches,Applications, Basic Zookeeper CLI Operations, How to use Apache Zookeeper with Java - coding
13	Introduction to Data Analysis	Introduction to Data Analysis and various types, Python Basics Installation and various open source libraries, Jupyter notebook
14	Introduction to Numpy	Numpy: Understanding Numpy, N-Dimensional Array Data Processing using Arrays, Statistical methods, Sorting, Linear Algebra , Fancy indexing, Structured Data, using CSV files etc
15	Plotting with Matplotlib	<b>Matplotlib:</b> Visualization with Matplotlib SimplePlotting, Scatter, Multiple Bar Graphs, charts and Pie Charts.
16	Data Analysis using Pandas	<b>Pandas:</b> Objects, Data Exploration, Series, Data Frame, Data Indexing and Selection, Merge Join & Filtering, Reindex Importing data from various source (CSV, TXT, EXCEL, ACCESS etc)
17	Data Wrangling	<u>Pre-processing Data</u> , Dealing with Missing Values Data Formatting, Data Normalization, Binning Turning categorical variables into quantitative variables in Python
18	Exploratory Data Analysis	Descriptive Statistics, GroupBy in Python Correlation, Correlation - Statistics Association between two categorical variables: Chi-Square

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19	Model	Introducing Scikit-learn
	Development	Linear Regression and Multiple Linear Regression
	-	Model Evaluation using Visualization, Polynomia
	(Machine Learning	Regression and Pipelines, Prediction , Model Evaluation and
	Algorithms)	Refinement
20	Working on Real	Demo's on COVID19 dataset Analysis, Weather
	Data Analysis	Prediction, Titanic Analysis and SUV Prediction
	Projects	

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### Annexure-**II**

S No	Modules	Course Content Topic
1	Basics of Python	<ul> <li>Programming with Python Installing Anaconda.</li> <li>Working with Jupyter notebook – Installation &amp; function</li> <li>Python - Operators, Expressions and Python Statements</li> <li>Conditional Statements and Loops</li> <li>Input and Output in Python</li> </ul>
2	Sequences and Functions in Python	<ul> <li>Sequence Data Types - List, Tuple, set</li> <li>Dictionary, functions, Lambda Functions</li> <li>Modules and Functions in Python</li> </ul>
3	Data Analysis	<ul> <li>NumPy-arrays, indexing, slicing and iterating, reading csv into NumPy arrays</li> <li>Pandas - Data frame, Series, EDA using python</li> <li>Reading and Writing data from Excel/CSV formats into Pandas</li> <li>Merging, Concatenating, Group by and aggregation on data frames.</li> <li>Data Cleaning and Munging.</li> <li>Data preparation.</li> </ul>
3.	Visualization	<ul> <li>Data visualization using Matplotlib</li> <li>Grids, axes, plots, colors, fonts and styling</li> <li>Types of plots - bar graphs, pie charts, histograms, Scatterplot.</li> </ul>
4.	Introduction to Machine Learning	<ul> <li>Machine Learning Models</li> <li>Regression, Classification, Naive Bayes, Support Vector Machines,</li> <li>Decision Trees, K-nearest Neighbors, Ensemble Methods of Classification, Machine Learning Evaluation Metrics, Over fitting and Under fitting, Cross Validation.</li> </ul>
5.	Machine Learning- Unsupervised and Supervised	<ul> <li>Unsupervised - What is Clustering &amp; its Use Cases, K-means Clustering, Hierarchical Clustering algorithm</li> <li>Implementing different types of Supervised Learning algorithms.</li> </ul>
5	Neural Networks	Artificial Neural Networks – ANN structure, Feed Forward Neural network, Back Propagation
7.	Deep Learning	<ul> <li>Deep Learning Concepts, Convolutional Neural Network (CNN), Neural Network using Tensorflow.</li> <li>Image recognition and Classification</li> <li>Natural Language Processing using NLP Libraries: NLTK ,Theano, TensorFlow</li> </ul>
8.	Project Work	Project Based on Machine Learning and AI

### Artificial Intelligence & Machine Learning

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### राष्ट्रीय इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी संस्थान,श्रीनगर/जम्मू National Institute of Electronics & Information Technology, Srinagar/Jammu (Formerly DOEACC Centre Srinagar/Jammu)

संचार एवं सूचना प्रौद्योगिकी मंत्रालय, भारत सरकार की एक वैज्ञानिक स्वायत्त संस्था, भारत सरकार Department of Electronics & Information Technology, Ministry of Communications and Information Technology, Govt. of India जम्मू कार्यालय: नया परिसर, जम्मू विश्व विद्यालय, डा. अम्बेडकर रोड, जम्मू–180006 New Campus, University of Jammu, Dr. Ambedkar Road, Jammu-180 006 Phone No.0191-2456873, 2451849, 2432291; Fax : 0191-2433845; Web: jk.nielit.in

Ref No.:11(75)/2022-185

Dated: 12.07.2022

Prof. Alka Sharma Professor/Convener UESDC The Business School University of Jammu Jammu.

Subject: Proposal for the conduct of 6 Months Training programmes for the students of University of Jammu

#### Dear Madam,

NIELIT J&K, and University of Jammu signed an MOU on 25<sup>th</sup> March, 2022 with the intent to design various long term and short term training programs for the students and staff of University of Jammu. Under the ambit of MoU signed, the parties can launch Joint Certification Training Program in niche areas of technology.

In the spirit of the referred MoU & take this association forward, a meeting was held on 07.07.2022 in the office of HOD Dept. Of Computer Science & IT which was attended by Prof Dr. Parveen Lehana HOD Dept. of Electronics, University of Jammu, Prof. Dr. Pawanesh Abrol HOD Dept. of Computer Science & IT, University of Jammu , Executive Director NIELIT J&K and Additional Director (A&F) NIELIT J&K. After at length discussions, it was opined that the training programmes like Big Data Analytics using Hadoop, AI & ML etc. offered to the students sponsored by UESDC may be devised under Joint Certification for the up skilling of students of the University of Jammu.

Accordingly, NIELIT J&K proposes to conduct the following training programmes for the students of University of Jammu.

Sr.	Course Name	Batch	Beneficiaries	Proposed
No.		Size		Syllabus at
1.	Big Data Analytics Using Hadoop	25	Students nominated	Annexure I
		(Each)	by University of	
2.	AI and Machine Learning	()	lammu	Annexure II

2. Duration: 6 Months, 2 Hrs per Day

**3.** Batch Size: 25 Participants per batch. Batches would be framed according to the nominations received from the Departments.

### 4. Strategy:

- a. The hands on practical training will be provided to the students. The students are expected to carry out a project work in the groups of 3-4.
- b. 75% of attendance is mandatory for the candidate.
- c. One seat would be reserved for students under EWS category to be selected /nominated by UESDC Convener & the training would be free of cost for the student.

### 5. Fee for the proposed training:

As per the NIELIT norms course fee for the 6 Months Training Program is ₹ 18000/- +18% GST. However, under the ambit of the referred MoU & long term association with University of Jammu, the course fee proposed for the students for these courses is as follows:-

S.No.	Course Name	Duration	Course Fee per candidate (₹)	GST (@18%)	Total Fee Paid to NIELIT by Candidate ( <b>₹)</b>	*Registration Fee Paid to UESDC by Candidate (₹)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Big Data Analytics Using Hadoop	6 months	16,900	3042	19,942	1000
2.	AI and Machine Learning	6 months	16,900	3042	19,942	1000

- ✓ \*Registration and Processing Charges = ₹ 1000/-
- Any other taxes/duties/levies/cess etc., if any, levied by Govt. from time to time, would be charged extra. Presently, GST is being levied as per Govt. rules and is charged extra.

### 6. Certification

- a. The certificate will be issued to the candidate on course completion after joint assessment by NIELIT J&K and University of Jammu. The certificate will contain logo of both NIELIT and University of Jammu.
- b. The assessment will be done jointly on the basis of the attendance, project work and marks obtained in the final assessment of the candidate.

#### 7. Revenue

NIELIT J&K would be charging the applicable fees from the candidate for the said courses as mentioned at Sr. no. 5, Column (6). However, the revenue generated from the proposed courses under Joint Certification with University of Jammu, would be on the shared basis in the ratio of 70:30 by NIELIT J&K and University of Jammu (Dept. of Computer Science & It and Dept. of Electronics) respectively.

### 8. Role & Responsibility:

- a. One coordinator each from NIELIT J&K and University of Jammu will be a single point of contact for coordination of the programmes being offered under Joint Certification.
- b. Majority of the lectures would be conducted by the faculty of NIELIT J&K. However, some lectures would also be taken by the faculty of Dept. of Electronics/Dept. of Computer Science & IT at their respective departments.

### 9. Commencement Date and Venue for Training

The training would commence at NIELIT Jammu, New Campus, University of Jammu on the mutually decided date, immediately after obtaining a formal work order and list of students.

### 10. Any other Terms & Conditions (if any):

- a) The publicity, advertisement and nominations for the said courses will be done by Prof. Alka Sharma, Convener UESDC.
- b) The Convener UESDC would provide the list of candidates nominated for the said courses.
- c) One coordinator may be assigned who would liaison with NIELIT for the trainings.

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In case of any further clarification, please feel free to contact the undersigned.

### Thanking you

Warm Regards, Anita Sharma Additional Director (Systems)

### ITEM No.73

To consider the matter w.r.t. to implementation of National Education Policy at the Undergraduate for Four Year Under Graduate Programme under the Choice Based Credit System in the Govt. Degree Colleges affiliated with the University of Jammu from the Academic Session 2022-2023 onwards.

### NOTE:

The National Education Policy-2020 has been decided to be introduced at the Undergraduate level under the Choice Based Credit System in the Govt. Degree Colleges affiliated with the University of Jammu from the Academic Session 2022-2023 onward. In this regard the National Education Policy Cell was created in the University to prepare the road map, modalities; Statutes/Scheme etc for adoption/implementation of National Education Policy 2020 vide order no. F.Acd./I/21/11169-11248 dated 28.12.2021.

The Template Titled "Curriculum framework for the Four Year Undergraduate Programme (FYUGP) as per the National Education Policy 2020" as prepared by the NEP Cell was deliberated in a meeting of the duly constituted Core Committee and NEP Cell on 19.04.2022 and after threadbare discussion, the Committee approved the Template with minor changes.

The above mentioned Template was circulated to all the Conveners of the Board of Studies for initiation the process of the Formulation of the syllabi and courses of study of undergraduate courses in their subjects in consonance with above said Template.

Moreover, the various issues related to the implementation of the Nation Education Policy-2020 in the University of Jammu were discussed in the meeting held on 28.06.2022 under the chairmanship of the Vice-Chancellor University of Jammu wherein the following steps were recommended:

- 1. The National Education Policy-2020 has been decided to be introduced from the Academic session 2022-23. The University of Jammu has to be ready with the curriculum for Major and Minor Courses of all Semesters of the Under Graduate Programmes as per the proposed Template submitted to the Higher Education Department, Govt. of Jammu and Kashmir by the University. The HoDs/Conveners of Board of Studies be requested to frame their syllabi on the line of the Template shared with the Departments.
- 2. The Heads of Teaching Departments of the University of Jammu be requested to identify the skill courses from their respective disciplines in line with the NSQF.

Further, the Principals of all Govt. Degree Colleges affiliated to the University of Jammu be asked to choose skill courses for adoption in their Colleges as mentioned in NSQF as per the available infrastructure in their respective Colleges and send the same to the Academic Section of the University.

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- 3. The capacity building programme be conducted for the training of teachers in connection with the awareness and smooth implementation of National Education Policy-2020 in the affiliated Govt. Degree Colleges at Under Graduate level by the Higher Education Department, Govt. of Jammu and Kashmir. A request be made to the Higher Education Department in this regard.
- 4. A meeting be arranged with the HoDs/Conveners, Board of Studies in connection with framing the curriculum of the Under Graduate programmes under NEP-2020.
- 5. A Committee of the following members be constituted to frame the Statutes/Scheme of the Four Year Under Graduate Programme as per NEP-2020:
  - 1. Prof. S. K. Pandey, Deptt. of Chemistry Convener
  - 2. Prof. Vivek Gupta, Deptt. of Physics
  - 3. Prof. Jasbir Singh, Deptt. of Economics
  - 4. Prof. Kuldeep Singh Charak, Deptt. of Mathematics
  - 5. Prof. Hema Gandotra, Deptt. of Sociology
  - 6. Dr. Mohd. Arif, Deptt. of Law
  - 7. One Officer from the Examination Wing
    - (to be nominated by Controller of Examinations)
- 6. As per earlier decision taken in a meeting of the NEP Cell with regard to the Academic Bank of Credit, the Controller of Examinations be requested to take up the matter with the concerned agency for registration.

As per above point 4, a meeting of all the HoDs/Conveners, Board of Studies in connection with framing the curriculum of the Under Graduate programmes under NEP-2020 was held on 12.07.2022 wherein the detailed discussions were held on the various issues related to the implementation of the National Education Policy-2020 in the University of Jammu from the current Academic session. Taking further resolve of the UT of J&K to implement the National Education Policy from the Academic Session 2022-2023 and in light of the recommendations of the series of meetings held by the NEP-Cell of University of Jammu, the following steps were recommended:

- 1. The National Education Policy-2020 has been decided to be introduced from the Academic Session 2022-2023 onwards in principle under the Choice Based Credit System of the Four Year Undergraduate Programme initially.
- 2. The HoDs/Conveners of Board of Studies be requested to hold the meeting of the Board of Studies of respective disciplines at their own level in the **ON LINE/OFFLINE/BLENDED MODE** and frame the syllabi and Courses of Studies for 1st and 1Ind Semester as per the proposed Template (Annexure-I). However, the changes/Modifications may be incorporated in the Template as per the notifications issued by the Higher Education Department of UT of J&K and the Universities Grant Commission for time to time.

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- 3. The HoDs/Conveners of the Concerned Board of Studies be asked to choose the skill Courses from their respective disciplines from the National Skill Qualifications Framework (NSQF).
- 4. The Principals of various Degree Colleges shall be requested to pick the Skill Courses form NSQF basket of courses as per the availability of Infrastructure/Labs/Faculty in their respective colleges.
- 5. It has also been decided that the Committee Constituted vide letter No. F.Acd./II/22/1829-1838 Dated 07.07.2022 to frame the Statutes/Schemes of the Four Year Undergraduate Programme as per NEP-2020 is reconstituted with the following members.
  - 1. Prof. S.K. Pandey, Department of Chemistry Convener
  - 2. Prof. Jasbir Singh, Department of Economics
  - 3. Prof Vivek Gupta, Department of Physics
  - 4. Prof. Seema Langer, Department of Zoology
  - 5. Prof. Renu Nanda (Convener, NEP-2020 Cell)
  - 6. Prof. Haq Nawaz Sheikh, Department of Chemistry (Member NEP Cell)
    - 7. Prof. Kuldeep Singh Charak, Deptt. of Mathematics
    - 8. Prof. Monika Sethi, Department of English.
  - 9. Dr. Hema Gandotra, Department of Sociology
  - 10. Dr. Mohd. Arif, Department of Law
  - 11. One Officer from the Examination wing
    - (to be nominated by the Controller of Examinations)
  - 12. Deputy Registrar (Academic)

Hence, the matter w.r.t. to implementation of National Education Policy 2020 at Undergraduate for Four Year Under Graduate Programme under the Choice Based Credit System in the Govt. Degree Colleges affiliated with the University of Jammu from the Academic Session 2022-2023 onwards is submitted for the consideration of the Academic Council.

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Choice Based Credit System Structure of the Four Year Undergraduate Programme (FYUGP)

SCHESICI	SCHICSICI-I		Ochicates of						J.1-1.0
Courses	Certificate	īcate	UG D	CG Diploma	UG Degr	UG Degree (3 yrs)		4 YR UG Honours	4 yr UG Honours with Research
Major	4-Credits (100 Levels)	4-Credits (100 Levels)	8-Credits (2 Courses ) (200 Levels)	16-Credits (4 Courses) (200 Levels)	14-Credits (3 courses- 4- Credits, 1-Course-2 credits) (300 Levels)	16-Credits (4 courses- 4- Credits) (300 Levels)	16-Credits (400 Levels)	16-Credits (400 Levels)	4-C'redits (4001.evels)
Minor	4-Credits (100 Levels)	4-Credits (100 Levels)	4-Credits (200 & above)	4-Credits (200 & above)	4-Credits (200 & above)	4-Credits (200 & above)	4-Credits (300 & above)	4-Credits (300 & above)	4-Credits (300 & above)
*Course from other disciplines (Multidisciplinary) same as (Foundation Course)	3-Credits	3-Credits	3-Credits						
Ability Enhancement Course (AEC) MIL, English Language, Communication Skills	3-Credits English	3-Credits *	3-Credits						
Skill Enhancement Course (SEC)**/Internship/ Dissertation	2-credits	2-credits	2-credits		2-credits (Summer internship)				12-credits (Research Project /Dissertation
Value added Courses (VAC) Envs, Understanding India, Digital & Technological Solutions, Health and Wellness, Yoga Education, Sports and Fitness	4-credits (2 courses of 2 credits each)	4-credits (2 courses of 2 credits each)							
Total Credits (120 Credits) – 3Vr UG Degree (160 Credits)- 4 Vr UG Degree	20-C'redits	20-C'redits	20-Credits	2()-(`redits	20-( redits	20-( redits	20-C'redits	20-('redits	20-C redits

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\*MIL includes English. Hindi, Dogri. Urdu and Punjabi

\*\* Skill Enhancement Courses (SEC) to be chosen form the basket of Courses from NSQF. The University Departments/Colleges can also propose new courses as per the infrastructure / faculty available.

Note- Practical in science/Non Science Subjects are extension of the theory programme and is inbuilt 4 Credits course.

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### **ITEM No.74**

To consider the matter with regard to issuance of the Transcript in final semester only instead of marks certificate in each and every semester for the programmes run by the University of Jammu.

### NOTE:

The University of Jammu has been issuing the Marks Certificates of each Semester/Year to the candidates qualifying the same for the various programmes offered by the University of Jammu through the Office of the Controller of Examinations.

The Transcripts for various programmes are issued on the request of the candidates as the same is not the part of the regular practice/procedure. The medium of instruction (MoI) Certificate is also issued separately to the candidates, on request, by the Academic Section of the University of Jammu.

The Universities established a decade back have put it in practice to issue all these certificates as one single page transcript to the candidates to curtail the human effort and loss of time.

In this connection, an item was placed in the meeting of the Campus Dean held on 11-02-2022 and the Campus Deans after detailed deliberations resolved the following:

"the recommendations of the Committee constituted with regard to examine the feasibility to prepare the transcript in final Semester only instead on of preparing manual Marks Certificates in each and every Semester on the 10-point scale for the Programs run by the University, be approved (Annexure)."

(The relevant documents are placed as Annexure).

Hence, the matter with regard to with regard to issuance of the Transcript in final semester only instead of marks certificate in each and every semester for the programmes run by the University of Jammu is submitted to the Academic Council for consideration.

### UNIVERSITY OF JAMMU

### MINUTES OF THE MEETING OF THE CAMPUS DEANS TO DELIBERATE UPON VARIOUS ISSUES HELD ON 11.02.2022 AT 03.00 P.M. IN THE OFFICE CHAMBERS OF THE DEAN ACADEMIC AFFAIRS, UNIVERSITY OF JAMMU, JAMMU.

### <u>PRESENT</u>

- 1. Dean Academic Affairs
- 2. Dean, Faculty of Business Studies
- 3. Dean, Faculty of Social Sciences
- 4. Dean, Faculty of Arts
- 5. Dean, Faculty of Life-Science
- 6. Dean, Faculty of Law
- 7. Dean, Faculty of Education
- 8. Deputy Registrar (Academic Affairs)
- 9. Deputy Registrar (Adm.TW)
- 10. Assistant Registrar (CDC)

## Item No. 1: Start of new Subjects/courses in the Autonomous Colleges affiliated to the University of Jammu.

**Resolved that** the new subjects/courses already started in the Autonomous Colleges affiliated to the University of Jammu, as endorsed by the Academic Council of the concerned College shall be placed before the University Syndicate and the University Council for approval as per clause 10.2 of the University Grants Commission (Conferment of Autonomous Status Upon Colleges and Measures for Maintenance of Standards in Autonomous Colleges) Regulation, 2018.

However for future the prior approval of the University Syndicate are mandatory for stating new courses/subjects

**Further Resolved also that** the Autonomous Colleges shall pay the prescribed fee for introduction of new subjects/courses for already introduced courses as well as proposed courses.

#### Item No. 2: Considered the matter with regard to qualification of Professor and Assistant Professor in Gojri and Pahari language for the Centre in Poonch Campus, University of Jammu, Poonch.

**Resolved that** the qualifications and other eligibility conditions for the post of Professor and Assistant Professor in Gojri and Pahari language be as prescribed by the UGC on the analogy of other languages in the University.

Item No. 3:Considered the matter regarding certification of Four Months Bhaderwah language course by the University of Jammu to the Army troops of 4 Rashtriya Rifles (Bihar) deployed at Bhaderwah to be organized by the 4 Rashtriya Rifles (Bihar).

**Resolved that** the matter regarding certification of Four Months Bhaderwahi language course by the University of Jammu to the Army troops of 4 Rashtriya Rifles (Bihar) deployed at Bhaderwah to be organized by the 4 Rashtriya Rifles (Bihar), be agreed in principle.

**Further Resolved that** the Rector, Bhaderwah Campus shall prepare the syllabus, scheme vetted by concerned Board of Studies and regulations for the certification of Four Months Bhaderwahilanguage course by the University of Jammu to the Army troops of 4 Rashtriya Rifles (Bihar) deployed at Bhaderwah.

**Resolved further also that** a Memorandum of Understanding between the Bhaderwah Campus, University of Jammu and 4 Rashtriya Rifles (Bihar) deployed at Bhaderwah, be vetted.

Item No. 4: Considered the recommendations of the Committee constituted with regard to examine the feasibility to prepare the transcript in final Semester only instead of preparing manual Marks Certificates in each and every Semester for the Programmes run by the University.

> **Resolved that** the recommendations of the Committee constituted with regard to examine the feasibility to prepare the transcript in final Semester only instead of preparing manual Marks Certificates in each and every Semester for the the Programmes run by the University, be approved (America).

The meeting concluded with a vote of thanks to the Chair.

Dean Aca demic Affairs

L.Mehlo

Dean, Faculty of Business Studies Dean, Faculty of Social Sc.

17/02/2022 Further course of artim be taken U/r

Sumie

Dean, Faculty of Arts

Dean, Faculty of Life-Science

Dean, Faculty of Education Dy. Registrar

Dean, Faculty of Law

Dy. Registrar (Adm. TW)

Assistant R

submitted for app

F21.2 Vice-chancellog, y



### **UNIVERSITY OF JAMMU**

### MINUTES OF THE MEETING

TIME: 11:00 AM

DATED: 13-12-2021 VENUE: CONTROLLER OF EXAMINATIONS

### AGENDA: TO EXAMINE THE FEASIBILITY TO PREPARE THE TRANSCRIPT IN FINAL SEMESTER ONLY INSTEAD OF PREPARING MANUAL MARKS CERTIFICATES IN EACH AND EVERY SEMESTER FOR THE PROGRAMMES RUN BY THE UNIVERSITY

#### MEMBERS PRESENT

- 1. Prof. Jasbir Singh, Controller of Examinations (COE)
- 2. Prof. Pankaj Srivastava, Deptt. of Geology
- 3. Prof. K.·K. Kapoor, Deptt. of Chemistry
- 4. Dr. Raj Kumar, DR (Examination) Member Secretary

At the outset, the Convener of the Committee welcomed all the members of the Committee and placed the agenda of the meeting before the members.

Keeping in view the digitalization/paperless office/world-wide requirement of digital documents and its impact on the studies of the students, all the credential of the students must be uploaded digitally on the Digi locker. Digi Locker is a flagship initiative of Ministry of Electronics & IT (MEITY) under Digital India programme. DigiLocker aims at 'Digital Empowerment' of citizen by providing access to authentic digital documents to citizen's digital document wallet.

After threadbare discussion, the following was resolved in the largest interest of the students:

 that instead of issuing hard copy of the marks certificate to the student in each semester, a grade card/sheet along with marks shall be issued on the basis of his/her performance in each semester of the programme digitally. Wherein the credits/grades/marks obtained in each course shall be depicted against the Course No. The SGPA shall be calculated on the basis of the Credits/Grades obtained by the student in all the courses in a semester (e.g. SGPA = Credit Points/ Credits) on the 10 point scales.

2. that a transcript shall be prepared in the final semester only and the Division/Position/SGPA/CGPA/Grading/Marks etc. depicted on the overall transcript instead of issuing separate grade card/marks certificate after the completion of the course/programme. The marks certificates issued in each

Semester shall be avoided and a grade card/marks certificates shall be uploaded on the University website with digital signature, so that it can easily be available to the students for reference only as preparing the marks certificates for reappear/failure/absent/passed candidates in each and every Semester takes undue long time.

- 2. that for the calculation of Semester Grade Point Average (i.e. SGPA is the grade point received in a particular semester by a candidate), Cumulative Grade Points Average (i.e. CGPA is the average of grade points obtained in all the semesters) and for the Percentage of Marks, the following formulas are suggested by the Committee:
  - a. SGPA = Credit Points/ Credits
  - b.CGPA = Total Credit Points Earned / Total Credits of the Programme
  - c. Percentage of Marks = CGPA x 10
- 3. that the description of Grades Awarded, Conversion of Percentage and the marks converted into Grade Points in a paper/course can be calculated with the help of the tables i.e. Table-A & Table-B

#### For example

Contraction of the second s

SGPA of a student in four semesters:

	I – 7.0, II – 7.2, III – 6.8, IV – 7.8.
	7.0+7.2+6.8+7.8 = 28.8.
CGPA:	28.8/4 = 7.2.
Percentage:	(7.2 *10) = 72%

Table-A

#### Table-B

Description of Grades Awarded/ श्रेणी का विवरण सम्मानित							
Grade/ श्रेणी	Grade Point/ श्रेणी अंक	Percentage of marks / अंकों का प्रतिशत					
O(Outstanding )	10	Marks>=90 & <=100					
A+(Excellent)	9	Marks>=80 & <=90					
A(Very Good)	8	Marks>=70 & <=80					
B+(Good)	7	Marks>=60 & <=70					
B(Above Average)	6	Marks>=55 & <=60					
C(Average)	5	Marks>=50 & <=55					
P(Pass)	4	Marks>=36 & <=50					
F(Fail)	0	Marks<36					
AB(Absent)	0	Absent/Fail					

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Conversion Percentage of / प्रतिशत का रूपांतरण	Marks into Grade Points in a paper/ परिक्षा में अंको के श्रेणी अंक			
%age of Marks in a Paper/practical/ परीक्षा में अंकों का प्रतिशत	Grade Point/ श्रेणी अंक			
96-100	10			
91-95	9.5			
85-90	9.0			
81-85	8.5			
76-80	8.0			
71-75	7.5			
66-70	7.0			
61-65	6.5			
56-60	6.0			
51-55	5.5			
46-50	5.0			
41-45	4.5			
36-40	4.0			
<36	0			



4. that the proposed transcript proforma table which shall be prepared in the final semester only is as under (enclosed Annexure-A):

Exam. Roll no Name of Studer College/Depar	udy / अध्ययन - पाठ्यक्रम:		Anscript PHYSIC Firs Credits	/ शैक्षणिक CS Registrati Name of Fa Year of Pas st Semester/ Max.	प्रतिलिपि on no/ पंप ather-Motl ssing / उत्ती	ने जीकरण सं her / माता- र्ण वर्षः	ख्याः पिता का न	ाम:	Phot
Exam. Roll no Name of Studey College+Depar Course Course Code/ очиян	udy / अध्ययन - पाठ्यक्रमः / अनुक्रमांकः w विधीर्थ्र का नामः tment Name (महाविधालय urse Details/ पाठ्यक्रम	MASTERS IN )विभाग का नाम: Course Type/ पाठ्यक्रम क्रि	PHYSIC Firs Credits	CS Registrati Name of Fa Year of Pas t Semester/ Max.	on no/ पंप ather-Motl ssing / उत्ती / प्रथम सत्र	नीकरण सं her / माता- र्ण वर्षः	ख्याः पिता का न	ामः	
Exam. Roll no Name of Studey College+Depar Course Course Code/ очиян	/ अनुक्रमांक: 14 विधिथ्री का नाम: tment Name(महाविधालय urse Details/ पाठ्यक्रम	)विभाग का नाम: Course Type/ पाठ्यक्रम क्रि	Firs Credits /	Registrati Name of Fa Year of Pas t Semester/ Max.	ather-Motl ssing / उत्ती / प्रथम सत्र	ner / माता- र्णवर्षः	ख्याः पिता का न	तम:	
Name of Studer College / Depar Course Course Code/ ठराक्रम	w विधिर्ध्र का नामः tment Name (महाविधालय urse Details/ पाठ्यक्रम	Course Type/ पाठ्याक्रम क्रि	Credits /	Name of Fa Year of Pa t Semester/ Max.	ather-Motl ssing / उत्ती / प्रथम सत्र	ner / माता- र्णवर्षः	ख्याः पिता का न	ामः	
College+Depar Course Co Code! ठराक्रम	tment Name (महाविधालय urse Details/ पाठ्यक्रम	Course Type/ पाठ्याक्रम क्रि	Credits /	Year of Pas t Semester/ Max.	ssing / उत्ती / प्रथम सत्र	र्णवर्षः	पिता का न	ामः	
Course Code/ ठयक्रम	urse Details/ पाठ्यक्रम	Course Type/ पाठ्याक्रम क्रि	Credits /	t Semester/	/ प्रथम सत्र				
Code/ उचक्रम		Type/ पाठ्यक्रम क्रि	Credits /	Max.		r	· · · · · · · · · · · · · · · · · · ·		
Code/ उचक्रम		Type/ पाठ्यक्रम क्रि	Credits /	Max.		1			
Code/ उचक्रम		Type/ पाठ्यक्रम क्रि	1			Carlet		C	SGPA
		C/Elective – E/ Open – O/Swayam-S	क्रेडिट्स	Marks/ अधिकतम अंक	Obtained / प्राप्तांक	Grade / श्रेणी	Grade Points/ श्रेणी अंक	Credits Points / अर्जित अंक	SGFA
		• C	4			A+	9	36	
		Ē	4			B+	7	28	
		С	4			A+	9	36	8.17
		0	4			В	6	24	
		S	8			A+	9	72	
	Total / कलांक		24						
	10(11) 3.(114)	1	L	nd Semeste	r/ स	त्र	LI	I	
		C	4			A+	9	36	
			4			A+	9	36	
									7.75
	M. 1994								
	*** **********************************		0			<u>A</u> †	9		
	Total / कुलांक		24					186	
			Thi	rd Semeste	r/ सत्र	ſ		I	
		С	4			0	10	40	
		E	4			B+	7	28	
									7.83
				+					1
	Total / main			+		A+	<i>y</i>		
<del>_</del>	10tal / 9/1142	<u> </u>	l		an( <del>71</del>	L	I	100	
		C	·····	Tin Semest	er/ <del>(</del> 13		9	36	
									1
		C	4	1		B+	7	28	8.00
		0	4			С	6	24	1
		S	8			A+	9	72	1
	Total / and a	+	24	+				192	
SESSION/ सत्र:	Grand Total/	CGPA			Overa gro	। ll Grade/ न श्रेणी	Fina		अंतिम परिणा
2019-2021		7.94				A		Pas	is
5	सत्र: 2019-2021 . <b>neo</b> uu istant Regist	Total / कुलांक Total / कुलांक Total / कुलांक SESSION/ सत्र: Grand Total/ महायोग	C           E           C           C           O           S           Total / कुलांक           C           C           C           C           C           C           C           C           C           C           C           O           S           Total / कुलांक           C            C	Seco         C         4           E         4           C         4           C         4           O         4           O         4           S         8           Total / कुलांक         24           C         4           C         4           C         4           C         4           C         4           C         4           C         4           C         4           O         4           S         8           Total / कुलांक         24           Four         C           C         4           O         4           S         8           Total / कुलांक         24           Four         C           E         4           O         4           S         8           Total / कुलांक         24           SESSION/         Grand Total/           प्र94         -           SESSION/         Grand Total/           Total / कुलांक         24           SES	Second Semeste           C         4           E         4           C         4           O         4           O         4           O         4           O         4           O         4           O         4           Total / कुलांक         24           C         4           C         4           C         4           C         4           C         4           C         4           C         4           O         4           S         8           Total / कुलांक         24           Fourth Semest         C           C         4           O         4           S         8           Total / कुलांक         24           Session/         Grand Total/         CGPA           Total / कुलांक         24           Session/         Grand Total/         CGPA           Tesuture         Cape dia         Cape dia	Second Semester/         स           C         4           E         4           O         4           O         4           O         4           O         4           Total / कुलांक         24           Total / कुलांक         24           C         4           C         4           C         4           C         4           C         4           C         4           C         4           C         4           C         4           C         4           C         4           C         4           C         4           S         8           Total / कुलांक         24           Fourth Semester/         सि           C         4           C         4           C         4           C         4           C         4           C         4           C         4           S         8           Total / कुलांक         24           <	Second Semester/         संत्र           C         4         A+           E         4         A+           C         4         A+           C         4         A+           C         4         A+           C         4         A+           O         4         A+           O         4         A+           Total / greit         24         A+           C         4         B           C         4         B           C         4         B           C         4         B           C         4         A+           C         4         A           C         4         A           C         4         A           C         4         A           C         4         A           C         4         A           C         4         A           C         4         A           C         4         A           C         4         A           C         4         A           C         4 <td>Second Semester/         संत्र           C         4         A+         9           S         8         A+         9           Total/greiter         24          10           C         4         O         10           C         4         B         6           O         4         B         6           O         4         B         6           O         4         B         6           S         8         A+         9           Total/greiter         24             C         4         A         8           C         4         A         8           C         4         A         8           C         4         A         8           C         4         A         8           C</td> <td>Second Semester/         सत्र           C         4         A+         9         36           O         4         A+         9         36           Total/greit         24         186         186           C         4         O         10         40           E         4         B+         7         28           C         4         B         6         24           O         4         B         6         24           S         8         A+         9         72           Total/greit         24         188         32           C         4         A+         9         36           C         4         A+         9         72</td>	Second Semester/         संत्र           C         4         A+         9           S         8         A+         9           Total/greiter         24          10           C         4         O         10           C         4         B         6           O         4         B         6           O         4         B         6           O         4         B         6           S         8         A+         9           Total/greiter         24             C         4         A         8           C         4         A         8           C         4         A         8           C         4         A         8           C         4         A         8           C	Second Semester/         सत्र           C         4         A+         9         36           O         4         A+         9         36           Total/greit         24         186         186           C         4         O         10         40           E         4         B+         7         28           C         4         B         6         24           O         4         B         6         24           S         8         A+         9         72           Total/greit         24         188         32           C         4         A+         9         36           C         4         A+         9         72

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Course of Study / अध्ययन - पाठ्यक्रम:

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Exam. Roll no/ अनुक्रमांक:	Registration no/ पंजीकरण संख्याः
Exam. Ron nor et gar in et	Name of Father-Mother / माता- पिता का नाम:
College / Department Name / महाविद्यालय /विभाग का नामः	Year of Passing / उत्तीर्ण वर्षः
First	Semester/ प्रथम सत्र

जम्मू विश्वविद्यालय

University of Jammu Academic Transcript/ शैक्षणिक प्रतिलिपि

Course Code/ पाठ्यक्रम कोड	Course Detai	is/ पाठ्यक्रम विवरण	Course Type / पाठ्यक्रम के प्रकार C/E/O/S	Credits / क्रेडिट्स	Maximum Marks / अधिकतम अंक	Marks Obtained / प्राप्त अंक	Grade / श्रेणी	Grade Points/ श्रेणी अंक	Credits Points / अर्जित अंक	SGPA
	Tota	al / कुलांक								
b			Second Se	mester/ te	र्तीय संत्रः					
										-
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	Tot	al / कुलांक			नीम मन			1		
			Third Se	emester/বৃ	מוץ לוא:					
										-
				·						1
	Tot	al / कुलांक								
			Fourth S	emester/	चतुर्थ सत्रः					
										-
										1
										-
							-			
	Tot	tal / कुलांक			CCDA	0.00	rall Grade/		inal Result	/ अंतिम
SESSI	on/ सत्र:	Grand Total/ महायोग			CGPA	g	rall Grade/ रुल श्रेणी		परिणा	म
<u></u>	and the second					-				

### Assistant Registrar Exam. / परीक्षा सहायक पंजीयक

Controller of Examination / परीक्षा नियंत्रक

Date of declaration of Result/ परिणाम घोषित करने की तिथि:

Serial No. /क्रम संख्या

 Description:

 C-Core E: Elective O-Open/S-Swayam

 SGPA = Credit Points/Credits

 CGPA = Total Credit Points Farned - Total Credits of the Programme

 Percentage of Marks = CGPA x 10

 (Any query of clarification may be sought from the University within six months from the date of declaration of results)

 Medium of instruction is English except the courses of Modern English Language and Oriented Classical languages

Description of Grades Awarded/ श्रेणी का विवरण सम्मानित			Conversion Percentage of / प्रतिशत का रूपांतरण	Marks into Grad Points in a pape परिक्षा में अंको के श्रेणी अंक	
Grade/ श्रेणी Grade Point/ श्रेणी अंक		Percentage of marks / अंकों का प्रतिशत	%age of Marks in a Paper/Practical/ परीक्षा / प्रैक्टिकल में अंकों का प्रतिशत	Grade Point/ श्रेणी अंक	
O(Outstanding)	10	Marks>=90 & <=100	96-100	10	
A+(Excellent)	9	Marks>= 8() & <=-9()	91-95	9.5	
A(Very Good)	8	Marks > 70 & <=80	85-90	The second	
B+(Good)	7	Marks>=-60 & < 70	81-85	9.()	
B(Above Average)	6	Marks = 55 & <-60	76-80	8.5	
C(Average)	5	Marks>=50 & <=55	71-75	8.0	
P(Pass)	4	Marks>=40 & <=50	66-70	7.5	
F(Fail)	0	Marks<40	61-65	7.0	
AB(Absent)	0	Absent/Fail	56-60	6.5	
			51-55	6.0	
				5.5	
			46-50	5.0	
	1		41-45	4.5	
	+		36-40	4.0	
			<36	0	

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## जम्मू विश्वविद्यालय University of Jammu Academic Transcript/ शैक्षणिक प्रतिलिपि



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Course of Study / अध्ययन - पाठ्यक्रम: MASTERS IN PHYSICS

Exam. Roll no/ अनुक्रमांक: 12-Phy-19	Registration no/ पंजीकरण संख्या: 1047GDCRN15
Name of Student/ विद्यार्थी का नाम: SHEETAL SHARMA	Name of Father-Mother / माता- पिता का नाम: KULDEEP RAJ/SHIVANI SHARMA
College / Department Name /महाविद्यालय/विभाग का नाम: Physics	Year of Passing / उत्तीर्ण वर्ष: 2021

First Semester/ प्रथम सत्र

Course Code/ पाठ्यक्रम कोड		ails/ पाठ्यक्रम विवरण	Course Type / पाठ्यक्रम के प्रकार C/E/O/S	Credits / क्रेडिट्स	Maximum Marks / अधिकतम अंक	Marks Obtained / प्राप्तांक	Grade / श्रेणी	Grade Points/ श्रेणी अंक	Credits Points / अर्जित अंक	SGPA
PSPHTC 101	MATHEMATIC	AL PHYSICS		4	100	80	A+	9	36	
PSPHTC102	CLASSICAL MI			4	100	69	B+	7	28	
PSPHTC103	QUANTUM ME	CANICS-I		4	100	86	A+	9	36	8.17
PSPHTC104	<b>INTEGRATED</b>	ELECTRONICS-I		4	100	55	В	6	24	
PSPHTC105	LABORATORY	COURSE		8	200	167	A+	9	72	ł
	То	tal / कुलांक		24		457/600			196	
	I		Secon	d Semeste	r/ द्वितीय सत्र	[:	L	·		1
PSPHTC 201	QUANTUM ME	CANICS-II		4	100	84	A+	9	36	1
PSPHTC202	STATISTICAL 2			4	100	76	A+	9	36	1.
PSPHTC203	INTEGRATED	ELECTRONICS-II	1	4	100	82	A+	9	36	7.75
PSPHTC204	ELECTRODYNAMICS AND PLASMA PHYSICS			4	100	75	A+_	9	36	
PSPHTC205	LABORATORY	COURSE		8	100	170	A+	9	36	
	Total / कुलांक			24		487/600			186	
			Thir	d Semeste	er/तृतीय सत्र:	L.,	L	L		J
PSPHTC 301	CONDENCED N PHYSICS(GENE			4	100	90	0	10	40	
PSPHTC302	NUCLEAR AND PARTICLE PHYSICS (GENERAL)			4	100	67	B+	7	28	7.83
PSPHTC303	NUCLEAR THE	ORY (SPECIAL)		4	100	55	В	6	24	
PSPHTC304	EARLY BUDDH			4	100	50	В	6	24	1
PSPHTC305	PRACTICALS I	N NUCLEAR THOERY		8	100	163	A+	9	72	1
		tal / कुलांक		24		425/600			188	
			Four	th Semest	er/ चतुर्थ सत्रः	:				
PSPHTC 401	NUCLEAR AND (SPECIAL I)	PARTICLE PHYSICS	T	4	100	85	A+	9	36	
PSPHTC402	NUCLEAR THE	ORY (SPECIAL II)	1	4	100	75	A	8	32	8.00
PSPHTC403	LATER BUDDH			4	100	60	B+	7	28	1
PSPHTC404		ECTRODYNAMICS	1	4	100	48	С	6	24	]
PSPHTC405		<b>RK-NUCLEAR THEORY</b>		8	100	160	A+	9	72	]
	То	tal / कुलांक		24		428/600			192	
	on/ सत्र:	Grand Total/ महायोग		C	GPA		।। Grade/ 1 श्रेणी	Fir	al Result/ परिणाम	अंतिम
201	2019-2021 1797/2400			7.94		A		Pass		

E & O.E

Assistant Registrar Exam. / परीक्षा सहायक पंजीयक

Date of declaration of Result/ परिणाम घोषित करने की तिथि:

Serial No. /क्रम संख्या

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Controller of Examination / परीक्षा नियंत्रक

# Description: C-Core /E -Elective /O-Open/S-Swayam SGPA = Credit Points/Credits CGPA = Total Credit Points Earned / Total Credits of the Programme Percentage of Marks = CGPA x 10 (Any query of clarification may be sought from the University within six months from the date of declaration of results) Medium of instruction is English except the courses of Modern English Language and Oriented Classical languages.

1

Description of Gra	Description of Grades Awarded/ श्रेणी का विवरण सम्मानित '			Marks into Grade Points in a paper/ परिक्षा में अंको के श्रेणी अंक	
Grade/ श्रेणी	Grade Point/ श्रेणी अंक	Percentage of marks / अंकों का प्रतिशत	%age of Marks in a Paper/Practical/ परीक्षा / प्रैक्टिकल में अंकों का प्रतिशत	Grade Point/ श्रेणी अंक	
O(Outstanding )	10	Marks> = 90 & < = 100	96-100	10	
A+(Excellent)	9	Marks>=80 & <=90	91-95	9.5	
A(Very Good)	8	Marks>=70 & <=80	85-90	9.0	
B+(Good)	7	Marks>=60 & <=70	81-85	8.5	
B(Above Average)	6	Marks>=55 & <=60	76-80	8.0	
C(Average)	5	Marks>=50 & <=55	71-75	. 7.5	
P(Pass)	4	Marks>=40 & <=50	66-70	7.0	
F(Fail)	0	Marks<40	61-65	6.5	
AB(Absent)	0	Absent/Fail	56-60	6.0	
	·		51-55	5.5 ·	
			46-50	5.0	
			41-45	4.5	
			36-40	4.0	
			<36	0	

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अध्ययन - पाठ्यक्रमः क्रमांक: श्विश्रेकां नाम: Name /महाविधाला /विभाग का नाम: Course Details/ पाठ्यक्रम विवरण	Univ Academic Sacili R R V First Ser Course	ersity Transcrip 2 Registration lame of Fathe	विद्याद of Jan ot/ शैक्षणिक no/ पंजीकरप er-Mother / मा g/ उत्तीर्ण वर्षः	nmu प्रतिलिपि ग संख्या: ता- पिता का				फोट
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क्रमाक: थि)का नाम: Name /महाविधालमें/विभाग का नाम:	First Ser	Registration lame of Fathe lear of Passin	no/ पजीकरण er-Mother / मा ng / उत्तीर्ण वर्षः	ग संख्याः ता- पिता का		-		
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### Assistant Registrar Exam. / परीक्षा सहायक पंजीयक

Controller of Examination / परीक्षा नियंत्रक

Date of declaration of Result/ परिणाम घोषित करने की तिथि:

Serial No. /क्रम संख्या

1. Abring.

Description: C-Core /E -Elective /O-Open/S-Swayam SGPA = Credit Points/ Credits CGPA = Total Credit Points Earned / Total Credits of the Programme

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CGFA = 10 and CFGHA rouns canned 7 roun Creatts of the Programme Percentage of Marks = CGPA x 10 (Any query of clarification may be sought from the University within six months from the date of declaration of results) Medium of instruction is English except the courses of Modern English Language and Oriented Classical languages.

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Description of Grades Awarded/ श्रेणी का विवरण सम्मानित स्वर्भ की			Conversion Percentage of / प्रतिशत का रूपांतरण	Marks into Grade Points in a paper/ परिक्षा में अंकने के श्रेम्सि अंकने के		
Grade/ श्रेणी	Grade Percentage of marks / Point/ श्रेणी अंकों का प्रतिशत अंक		%age of Marks in a Paper/Practical/ परीक्षा / प्रैक्टिकल में अंकों का प्रतिशत	Grade Point/ श्रेणी अंक		
O(Outstanding)	10	Marks>=90 & <=100	96-100	10		
A+(Excellent)	9	Marks>=80 & <=90	91-95	9.5		
A(Very Good)	8	Marks>=70 & <=80	85-90	9.0		
B+(Good)	7	Marks>=60 & <=70	81-85	8.5		
B(Above Average)	6	Marks>=55 & <=60	76-80	8.0		
C(Average)	5	Marks>=50 & <=55	71-75	7.5		
P(Pass)	4	Marks>=40 & <=50	66-70	7.0		
F(Fail)	0	Marks<40	61-65	6.5		
AB(Absent)	0	Absent/Fail	56-60	6.0		
/m(/tosent)			51-55	5.5		
·			46-50	5.0		
			41-45	4.5		
			36-40	4.0		
			<36	0		

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# जम्मू विश्वविद्यालय Course of Study / अध्ययन का पाठ्यक्रम: MASTERS IN PHYSICS

Exam. Roll no/ अनुक्रमांक: 12-Phy-19 Registra	tion no/ पंजीकुरण संख्या: 1047GDCRN15
Name of Student/ छात्र का नाम: SHEETAL SHARMA/	ather-Mather /पिता -माता का नाम: KULDEEP RAJ/SHIVANI SHARM
College / Department Name /कॉलेज/विभाग का नाम: Physics / Year of Pa	assing /क्विणिक का वर्ष: 2021

PSPHTC102 CLASS PSPHTC103 QUANT PSPHTC104 INTEGT PSPHTC105 LABOR PSPHTC201 QUANT PSPHTC201 QUANT	UM MECANICS-II TICAL MECANICS TATED ELECTRONICS-II	Credits / क्रेडिट्स 4 4 4 4 4 4 4 7 4 7 सत्र: Second/ दूसरा 4 4	Grade / श्रेणी A+ A+ A+ A+ A+	Marks           Obtained           УПЧП           अंक           80           69           86           78           167           480/600	Grade Points/ श्रेणी अंक 212	Credits Earned/ अर्जित क्रेडिट 24/24	8
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PSPHTC103 QUANT PSPHTC104 INTEGI PSPHTC105 LABOR PSPHTC201 QUANT PSPHTC202 STATIS	UM MECANICS-I RATED ELECTRONICS-I ATORY COURSE Total / कुल योग Semester/ UM MECANICS-II FICAL MECANICS IATED ELECTRONICS-II	4 4 8 24	A+ A+ A+	86 78 167 480/600	212	24/24	8.
PSPHTC104 INTEGI PSPHTC105 LABOR PSPHTC 201 QUANT PSPHTC202 STATIS	RATED ELECTRONICS-I ATORY COURSE Total / कुल योग Semester/ UM MECANICS-II FICAL MECANICS IATED ELECTRONICS-II	4 8 24	A+ A+	78 167 480/600	212	24/24	8
PSPHTC105 LABOR PSPHTC 201 QUANT PSPHTC202 STATIS	ATORY COURSE Total / कुल योग Semester/ UM MECANICS-II FICAL MECANICS FATED ELECTRONICS-II	24	A+	167 			
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	ATED ELECTRONICS-II	4		84	ГТ		• •
PSPHTC203 INTEGR			A+	76			
		4	A+	82	216	24/24	9.6
And the second	ELECTRODYNAMICS AND PLASMA PHYSICS		A+	75			
SPHTC205 LABORATORY COURSE		8	A+	170			
	Total / कुल योग	24		487/600			··· .
	Semester/	सत्र: Third / तीसरा	l	1		]	
PSPHTC 301 CONDEN	CED MATTER PHYSICS(GENERAL)	4	0	90		······································	
	NUCLEAR AND PARTICLE PHYSICS (GENERAL)		0	90			
	R THEORY (SPECIAL)	·····	0	93	228	24/24	<b>ں</b> د
	BUDDHISM	·····	A+	87	220	24/24	8.5
PSPHTC305 PRACTIC				163			
	Total / कुल योग	8	<u>A+</u>	524/600			
	Semester/	सत्र: Fourth/ चौथा					
PSPHTC 401 NUCLEA	R AND PARTICLE PHYSICS (SPECIAL I)	····]	0	90	···· · ··· p·	T	
	NUCLEAR THEORY (SPECIAL II)		A+	85			
	LATER BUDDHISM			88	224	24/24	0.2
	QUANTUM ELECTRODYNAMICS		0	90	- 47	29/29	9.3
PHTC405 PROJECT WORK-NUCLEAR THEORY		8		160			
	Total / कुल योग	24		513/600			
SESSION	Grand Total/ महायोग	CGP	·		nal Rossil	t/ अंतिम परि	
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### Assistant Registrar/ सहायक पंजीयक

Controller of Examination / परीक्षा नियंत्रक

Date of declaration of Result/ परिणाम धोषित करने की तिथि: 21-09-2021

-41-

Description SGPA Credit Points/ Credits CGPA Total Credit Points/ Earned / Total Credits of the Programme Percentage of Marks = CGPA x 9.27 (Any query of clarification may be sought from the University within six months from the date of declaration of results) Medium of instruction is English except the courses of Modern English Language and Oriented Classical languages.

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### जम्मू विश्वविद्यालय Course of Study / अध्ययन का पाठ्यक्रम : BACHELOR IN SCIENCE X

Name of Stud	ent/ छात्र का नाम: SHEETAL SHARMA	the second second	A				
College / Depart	tment Name /कॉलेज/विभाग का नाम: GDC, PALOURA	ame of Father-Moti ear of Passing / CD	1er /14ती -माता कि का तर्ष: २०२	<u>का नाम: KU</u>	LDEEP RA	J/SHIVANI S	HARM.
Course Code/ पाठ्यक्रम कोड	Course Details/ पाठ्यक्रम विवरण	Credits क्रेडिट्स	/ Grade/	Marks Obtained / प्राप्त अंक	Grade Points/ श्रेणी अंक	Credits Earned/ अर्जित क्रेडिट	SGP
PSPHTC 101	MATHEMATICAL PHYSICS	• • • • • • • •	A+	80			·····.
PSPHTC102	CLASSICAL MECANICS	4	A+	69	-		
PSPHTC103	QUANTUM MECANICS-I	4		86	212	24/24	8.8.
PSPHTC104	INTEGRATED ELECTRONICS-I	4		78			0.0.
PSPHTC105	LABORATORY COURSE	8	A+	167			
	Total / कुल योग	24		480/600			· · · · · · · · · · · · · · · · · · ·
	Semester/	सत्र: Second/ दूसर	रा			<u> </u>	···· · · · · · ·
PSPHTC 201	QUANTUM MECANICS-II		- <b>1</b>	1			
PSPHTC202	STATISTICAL MECANICS	4	A+	84		1	
PSPHTC203	INTEGRATED ELECTRONICS-II	4	A+	76			
PSPHTC204	ELECTRODYNAMICS AND PLASMA PHYSICS	· · · · · · · · · · · · · · · · · · ·	A+	82	216	24/24	9.00
PSPHTC205	LABORATORY COURSE	4	A+	75			
		8	A+	170			
	Total / कुल योग	24		487/600			
	Semester/ T	सत्र: Third / तीसर	I T	L			· .
SPHTC 301	CONDENCED MATTER PHYSICS(GENERAL)	4	0	90		T	••••
SPHTC302	NUCLEAR AND PARTICLE PHYSICS (GENERAL)	4	0	93			
SPHTC303	NUCLEAR THEORY (SPECIAL)		0	91	228	24/24	8.50
SPHTC304	EARLY BUDDHISM		A+	87			
SPHTC305	PRACTICALS IN NUCLEAR THOERY	8	A+	163			
	Total / कुल योग	· · · · · · · · · · · · · · · ·		524/600			
	Semester/ ₹	नत्र: Fourth/ चौथा					
SPHTC 401	NUCLEAR AND PARTICLE PHYSICS (SPECIAL I)	······					
SPHTC402	NUCLEAR THEORY (SPECIAL II)		0	90			
SPHTC403	LATER BUDDHISM		A+	85			
SPHTC404	QUANTUM ELECTRODYNAMICS	4	A+	88	224	24/24	9.33
SPHTC405	PROJECT WORK-NUCLEAR THEORY	8	0	90			
			A+	160			
	Total / कुल योग	24		513/600			
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	Semester/ सत्र: F		0	90		*	
TIC 401 NUCLEAR AND PARTICLE PHYSICS (S	PECIAL I)	4		85			
PSPHTC502 NUCLEAR THEORY (SPECIAL II)			4 A+ 4 A+	88	224	24/24	9.33
					22.1		
HTC503 LATER BUDDHISM		- 4	4 0	90			
OUANTUM ELECTRODYNAMICS		8	A+	160			
HTC505 PROJECT WORK-NUCLEAR THEORY		· · · · · · · · · · · · · · · · · · ·		-			
Total / कुल योग	•	24		513/600			
						1	T
	Semester/ सत्र	Sixtn / BOI	Ö	90			
PSPHTC 601 NUCLEAR AND PARTICLE PHYSICS (SPECIAL I) PSPHTC602 NUCLEAR THEORY (SPECIAL II) PSPHTC603 LATER BUDDHISM			At	85	224	24/24	9.33
			A+	88			9.30
			0	90			
I SI III COLONNAMICS			A+	160			
PHTC604 QUANTUM ELECTROD PROJECT WORK-NUCLEAR THEOR	Y	8	A+				
SPHTC605 PROJECT WORK-WCCER		24		513/600	,		
Total / कुल योग	ſ	24				esult/ अंतिम	ד דוסטוד
		C	GPA		Final R	esuit/ ontre	1 41 1 - 11 -
SESSION Grand Tota	।/ महायाग					PASS	
2019-2021 2004/2400			9.167				

Controller of Examination / प्रीक्षा नियंत्रक

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Assistant Registrar/ सहायक पंजीयक

Date of declaration of Result/ परिणाम धोषित करने की तिथि: 21-09-2021

Description: SGPA = Credit Points/ Credits CGPA = Total Credit Points Earned / Total Credits of the Programme Percentage of Marks = CGPA x 9.27 (Any query of clarification may be sought from the University within six months from the date of declaration of results) Medium of instruction is English except the courses of Modern English Language and Oriented Classical languages.

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Supplementary Agenda: Academic Council

### ITEM No.75

To report the Memorandum of Understanding (MoU) between University of Jammu and National Institute of Electronics & Information Technology (NIELIT).

### NOTE :

University of Jammu had signed a Memorandum of Understanding (MoU) with NIELIT, National Institute of Electronics & Information Technology, an Autonomous Scientific Society under the Ministry of Electronics & Information Technology (MeitY), Government of India. having one centre in J & K, co-located in New Campus. The MOU was signed in the presence of Prof. Manoj Kumar Dhar, Vice-Chancellor. University of Jammu by Prof. Jasbir Singh. I/C Registrar, the University of Jammu and by Sh. Deepak Wasan, Executive Director, NIELIT J&K.

The main objective of this MoU is to provide Training in the field of IECT and all related areas by NIELIT to the students of University of Jammu, its affiliated colleges and University's own campuses under the following categories:

Semester / Industrial Training Programmes of 5-6 months duration.

Summer / Short Term Training Programmes of 4/6/8 weeks duration.

• Design New Courses for students of all streams including Arts, Commerce, Life Sciences, etc. in addition to Computer Science, IT and Electronics.

Launch of Joint Certification Training Programmes in niche areas.

The MoU would provide different avenues for the students and scholars of University of Jammu. It will provide new opportunities in key industry practices and skills besides providing exposure to live projects and hands-on practical training to the students of MCA. M.Tech.(CS) and M.Sc. Electronics.

Under the ambit of this MoU, the following two proposals have been offered for the students of MCA, M.Tech.(CS) and M.Sc. Electronics -

1. Mobile application Development with android-

2. Raspberry Pi Programming with Python- Reported for information.

Further, a proposal for the need based specific courses for the faculty and scholars of various departments are also under consideration. In the Departmental affairs Committee (DAC) meeting held on 05/07/2022 (minutes enclosed), the members unanimously desired that this Memorandum of Understanding (MoU) between University of Jammu and NIELIT be reported in the ensuing meeting of the Academic council.

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### राष्ट्रीय इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी संस्थान,श्रीनगर/जम्मू National Institute of Electronics & Information Technology, Srinagar/Jamm (Formerly DOEACC Centre Srinagar/Jammu)

संचार एवं सूचना प्रौद्योगिकी मंत्रालय, भारत सरकार की एक वैज्ञानिक स्वायत्त संस्था, भारत सरक Department of Electronics & Information Technology, Ministry of Communications and Information Technology, Govt. of Ind जम्मू कार्यालयः नया परिसर, जम्मू विश्व विद्यालय, डा. अम्बेडकर रोड, जम्मू-१८०००६ New Campus, University of Jammu, Dr. Ambedkar Road, Jammu-180 006 Phone No.0191-2456873, 2451849, 2432291; Fax : 0191-2433845; Web: jk.nielit.in

Ref No.:11(75)/2022-99

Dated: 13.06.2022

The HOD Dept. of Computer Science & IT University of Jammu lammu.

Subject: Proposal for the conduct of Training of students of University of Jammu.

#### Sir.

NIELIT J&K, and University of Jammu signed an MOU with the intent to design various long term and short term training programs for the students and staff of University of Jammu.

A committee comprising of HOD (Dept. of Computer Science & IT), HOD (Dept. of Electronics) & Executive Director NIELIT J&K, mandated under the MOU to design new courses, held a meeting on 09.06.2022 in the office of ED, NIELIT J&K. It was decided by the committee that a training programme may be devised for the up skilling of students of the University of Jammu. Based on the discussions held, committee decided to conduct trainings for the students of Dept. of

Computer Science & Dept. of Electronics.

Accordingly, NIELIT J&K proposes to conduct the following trainings for the students of Dept. of Computer science & IT and Dept. of Electronics, University of Jammu. 1.

Sr. No.	Course Name	Batch Size	Beneficiaries	Proposed Syllabus at
1.20	Raspberry Pi Programming with Python	35	Students of Dept. of Electronics.	Annexure I
<b>2</b> .	Mobile Application Development with Android	35	Students of Dept. of Computer Science & IT.	Annexure II

1 month, 2 Days/Week, 2 Hrs/Day. Duration: Ζ.

3. Batch Size: Minimum 35 Participants per batch. Batches would be framed according the nominations received from each dept. 4.

The course will be conducted in blended mode. The hands on practical training Strategy: will be provided to the candidates. The course completion certificates will be issued to the participants after evaluating each participant on successful completion of training.

इलेक्ट्रॉनिकस निकेतन, ६ सी.जी.ओ. कॉम्पलेक्स Electronics Niketan, 6 CGO Complex, नई दिल्ली / New Delhi-110003

सिडको इलेक्ट्रॉनिक्स कम्पलेक्स/ओल्ड एयरपोर्ट रोइ, रंगरेठ (जम्मू व काश्मीर)–१९११ SIDCO Electronics Complex, Old Airport Road, Rangreth, Srinagar (J&K)-191132

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### 5. Fee for the proposed training

S.No.	Course Name	Duration	Course Fee per candidate	Regn Fee *	GST (@18%)	Total Fee per candidate
1	Raspberry Pi Programming with Python	1 Month	₹1000/-	₹500	₹270/-	₹1770/-
2	Mobile Application Development using Android	1 Month	₹1000/-	₹ 500	₹270/-	₹1770/-

\*Registration Fee of ₹500 shall be borne by the participant.

- ✓ Cost of Training for 35 participants per batch=₹ 1770/- x 35=₹ 61,950/-
- ✓ Any additional Participant above the batch size would be charged extra at the rate of total training cost charges per participant.
- ✓ Any other taxes/duties/levies/cess etc., if any, levied by Govt. from time to time, would be charged extra. Presently, GST is being levied as per Govt. rules and is charged extra.

### 6. Certification

NIELIT Jammu would issue certificate on course completion after evaluating each

### 7. Commencement Date and Venue for Training

The training would commence at NIELIT Jammu, New Campus, University of Jammu on the mutually decided date, immediately after obtaining approval from competent authority.

#### Any other Terms & Conditions (if any): 8.

- a) The work order should be issued prior to the commencement of the course along with the list of participants.
- b) Payment should be made before the commencement of the course.
- c) One coordinator may be assigned who would liaison with NIELIT for the trainings.

### 9. The payment to be made through Cheque in favour of Director NIELIT, Jammu payable at Jammu, or through NEFT as per the following bank detail:

Account Name:	Director NIELIT Jammu
Account No.:	0212040100007165
Bank Name:	J and K Bank
Account Type:	Saving
Branch:	Nanak Nagar, Jammu
IFSC:	JAKAONANNAK

In case of any further clarification or would like to further customize the training program as per your schedule, please feel free to contact us.

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Thanking you Yours faithfully, Sarita Kaur

Copy To: Dr. Parveen Kumar Lehana, HOD Dept. of Electronics, University of Jammu

### **Raspberry Pi Programming with Python**

### <u> Raspberry Pi – Basics</u>

- Single Board Computer(SBC) Raspberry Pi
  - History, Pin-out, comparison, on-board components
- > Booting up Raspberry Pi with Raspbian and connecting with Internet/network
- > Hands-on with Linux operating system on Raspberry-Pi
  - Introduction, Architecture, File System, Linux-commands

### Python Programming

- Basics of the Python programming language on Raspberry Pi
  - Variables, Keywords, Operators and Operands
  - Data Types in Python, Importing Libraries
  - Flow Control, Conditional Statement, Loops
- > GPIO programming to interface sensors, actuator
  - Temperature and Humidity Sensor (DHT11), Motion Sensor (PIR),
     Obstacle detection using Ultrasonic sensor, etc.

### Publishing Data

- Web Server introduction, basics, installation
- Publishing data on Raspberry Pi webserver
- GPIO Control over WebBrowser
- Machine Learning Basics

### Project based Learning \*

- Home Automation using Raspberry Pi
- Raspberry Pi based "Digital Weather Station"
- "Face Mask Recognition using OpenCV" on Raspberry Pi
- Raspberry Pi Based "Attendance system using Face Detection"

\* Group of students can choose to work on one-particular project to master the subject under consideration.

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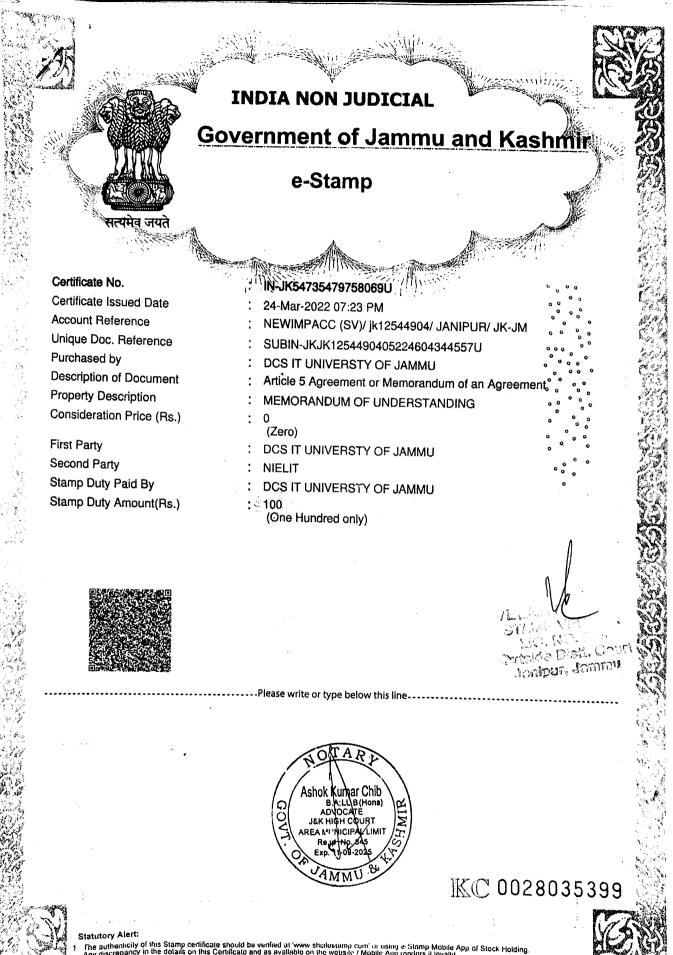
### Annexure-II

### **Mobile Application Development with Android**

- ▶ What is android, open handset Alliance, history of android,
- > AVD, Installing android using Android Studio, Hello Android Example
- > Android directory Structure.
- Android widgets, Button, Toast, Android Toggle Button, Android checkbox, Android AlertDialog, Android TimePicker, Android progressbar, AutoComplete TextView.
- Android Activity &Intents, ActivityLifecycle, ImplicitIntent, ExplicitIntent, StartActivity for Result
- Android Service and its Example
- Android AlarmManager
- Android Multimedia, Playing Audio & Video
- Android Telephony Phone call, send sms
- Android device, Bluetooth, wifi, camera
- Android Animation
- Android Text to Speech
- Database SQLite, opening & creating a database, working with cursor

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Project Work



Any discrepancy in the dealers of this Certificatio and as available on the The onus of chacking the legitimacy is on the users of the certificate in case of any discrepancy please inform the Competent Authority

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### MEMORANDUM OF UNDERSTANDING

BY AND BETWEEN

National Institute of Electronics & Information Technology, an autonomous Scientific Society under Ministry of Electronics & Information Technology (MeitY), Government of India, having one of its centre in J & K, co-located in New Campus, University of Jammu, Dr. Ambedkar Road, Jammu & SIDCO Electronics Complex, Old Airport Road, Rangreth, Srinagar, hereinafter called **NIELIT**, which expression shall, where the context so admits, be deemed to include its successors, executors and administrators, represented through its Executive Director, NIELIT J & K of the ONE PART,

#### and

University of Jammu, accredited as 'A+' Grade University by National Assessment & Accreditation Council of India located at Dr. Ambedkar Road, Jammu, J & K, hereinafter called **University of Jammu**, which expression shall, where the context so admits, be deemed to include its successors, executors and administrators, represented through its Registrar of the SECOND PART,

WHEREAS, NIELIT, offers, inter alia, various Training Programmes in the field of IECT to equip the students with necessary knowledge of the key industry practices and skills to be fruitfully employed besides providing exposure to live projects and hands-on practical training,

WHEREAS the Executive Director, NIELIT J&K and Vice Chancellor, University of Jammu, in one of the meetings dated 22<sup>nd</sup> September, 2021 felt that NIELIT as well as the University must collaborate and extend their association so that the two premier institutions can contribute towards skilling/up-skilling of the students enrolled in various courses in the university as well as NIELIT. It was envisaged that both the institutions must prepare and roll out various courses for the students not only enrolled in Computer Science/IT or Electronic stream, but for the students of all departments of the University so that they could actually be benefitted during their study in the University campus. These courses can be delivered for 1 or 2 hours before or after the university teaching hours. It goes to the advantage of the students that NIELIT Campus is located within the University Campus

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### MOU between University of Jammu and NIELIT

enabling them to get quality skilling in the field of Computers/ IT. During the meeting, it was felt that the students must be imparted knowledge in the emerging technologies like Artificial Intelligence and Machine Learning, Big Data Analytics, Block Chain Technology, Information Security etc. in which NIELIT has generated its expertise over a period of time. It was unanimously agreed that these courses must target the students of all fields including humanities and Life Sciences in addition to Computer Science & Electronics

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### WHEREAS both University of Jammu and NIELIT, NOW agree to:

- Introduce skill education at the undergraduate level, in line with the National Education Policy NEP - 2020
- Recognize the need to create momentum in Artificial Intelligence, Machine Learning, Big Data and other advanced technologies in the this region
- Desire to create solutions using these technologies to impact society in this region
- Aim to develop local talent to make the region self sufficient in these technologies

with an intent to collaborate to design various Short/Long Term Training Programmes and train the students in these advanced technologies and create momentum in research, both applied and fundamental, that has the potential of addressing social problems of this region.

THEREFORE, in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which both the University of Jammu and NIELIT hereby acknowledge and agree to a sign a Memorandum of Understanding (MoU) on  $25^{th}$  day of March 2022 at University of Jammu.

#### A. OBJECTIVES

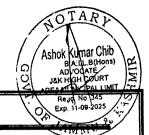
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The objectives of this collaboration is to provide opportunity for global experience and to facilitate the advancement of knowledge on the basis of reciprocity, best effort, mutual benefit and frequent interactions, and are as below-

i. Exchange of intellectual know how and resources

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### MOU between University of Jammu and NIELIT

- Partnership in innovation and entrepreneurship driven opportunities and resources so as to launch the skill oriented, tailor made courses in line with Govt. of India's vision of Skill India, Digital India and Make in India
- iii. Creating the best academic and industry content for educating local talent attuned to the local requirements in advanced technologies such as Machine Learning, AI, Cyber Security, IoT, Cloud Computing, Big Data, etc. with an emphasis upon Employability Enhancement of the students covered under the programme and to set forth the modus operandi to provide Training in the field of IECT and all related areas by NIELIT to the students of University of Jammu, its affiliated colleges and University's own campuses under the following categories:
  - Semester / Industrial Training Programmes of 5-6 months duration.
  - Summer / Short Term Training Programmes of 4/6/8 weeks duration.
  - Design New Courses for students of all streams including Arts, Commerce, Life Sciences, etc. in addition to Computer Science, IT and Electronics.
  - Launch of Joint Certification Training Programmes in niche areas with joint assessment by both the parties.
  - Any other programme of any duration, as deemed fit, by both the bodies for the upskilling/ reskilling.
  - iv. Identify social problems for collaborative research work to find solutions.
  - v. Work with University of Jammu to bring funding for social projects.
  - vi. Conduct workshops for students and academics

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- vii. Work towards creating socially responsible manpower that benefits the individual trainees as well as society, and support social entrepreneurship amongst students
- viii. Bridge the gap between availability of capable, employable technical manpower and demand for the same.
- ix. Any other mutually agreed collaboration that is beneficial to the nation, society or students

The aim is to equip the students and faculty with necessary knowledge of the key industry practices and skills to be fruitfully employed besides providing exposure to live projects and hands-on practical training. These courses thus designed, based on their level of expertise, shall be categorized in the following three categories:

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### MOU between University of Jammu and NIELIT

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- i) Basic Level
- ii) Middle Level
- iii) Expert Level

#### B. TERMS

- NIELIT agrees to take students of University of Jammu, its own campuses and its affiliated colleges for admissions through its campuses at Jammu and Srinagar to its scheduled Training Programmes or any other Training Programme, as deemed fit, in the best interest of the students, mutually decided with University of Jammu, specially customized for University of Jammu, incorporating NIELIT's trademark strengths.
- 2. University of Jammu shall authorize Head, Department of Computer Science & IT or his/her nominee(s) along with Head Department of Electronics or his/her nominee(s), to design new and relevant courses in consultation with NIELIT for the benefit of students of all streams undergoing their education from University of Jammu.
- 3. University of Jammu shall generate awareness amongst all its departments and affiliated colleges / institutes to direct their students to undergo relevant Trainings at NIELIT designed specifically for them in consultation with Department of Computer Science and Electronics as mentioned at sr. no. 2 above.
- 4. Fee Structure: The fee of the courses will be decided, based on the category of the course, by a three member committee comprising of Executive Director/Director/Director-in-charge, NIELIT J & K, Head, Department of Computer Science & IT and Head, Department of Electronics.
- 5. Delivery Mode:
  - i) NIELIT J & K will announce the schedule of these training courses during the calendar year.
  - ii) The students thus sponsored by University of Jammu would enroll themselves in the courses that would consist of theory and hands-on training sessions supplemented with structured academic content.
  - iii) Practical sessions shall be held in flexi-mode that shall expose the students to various IECT equipment in terms of their operations.

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### MOU between University of Jammu and NIELIT

6. Locations: The training would be imparted at the following locations.

NIELIT Jammu New Campus, University of Jammu, Dr. Ambedkar Road, Jammu &

#### NIELIT Srinagar

SIDCO Electronics Complex, Old Airport Road, Rangreth, Srinagar

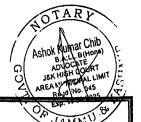
- 7. University of Jammu will nominate Head, Department of Computer Science & IT as Course Coordinator, for being single point of contact for all training programmes under this MoU.
- 8. NIELIT Jammu would also nominate one coordinator for all programmes being offered by NIELIT.
- 9. NIELIT shall be responsible for:
  - i) Enrolment of students
  - ii) Conduct of Training
  - iii) Assessment and Certification
  - iv) Advertisement and wide publicity
  - v) Infrastructure / modalities related to the conduct of courses. However, if deemed fit, some of the training programmes to meet the specific needs, may also be conducted jointly in Computer Science, Electronics or any other department of University of Jammu.
- 10. University of Jammu would also, at its own level, generate wide publicity of the offered courses under this MoU and display the information related to these courses on its website along with other platforms.
- 11. Attendance: NIELIT would maintain the attendance of the participants enrolled in a particular course.
- 12. Assessment and Certification: Assessment and certification of only those candidates will be done, who have attended a minimum of 75% lectures in the programme. The assessment and certification of the candidates completing the

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### MOU between University of Jammu and NIELIT

programme would be done by NIELIT. However, the assessment in the courses under joint certification shall be done jointly by both the parties.

- 13. Commencement and duration of the programmes under the MoU will be strictly as per schedule mutually agreed upon.
- 14. NIELIT reserves the right to cancel registration of students not adhering to NIELIT's code of attendance and discipline.

### C. DURATION OF MOU

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The duration of the MOU shall be for a period of *Three (03) years* from the date of signing of MoU which is extendable mutually.

### D. FORCE MAJEURE

For the purpose of this MoU, the expression "Force Majeure" shall mean any cause affecting the performance of a party of its obligations arising from acts, events, omissions, happenings, or non-happenings, beyond its reasonable control including (but without limiting the generality thereof) Governmental Regulations, fire, flood, earthquake, strikes, or any other disaster or an industrial dispute affecting a third party for which a substitute third party is not reasonably available. Any act, event, omission, happening or non-happening shall only be considered Force Majeure if it is not attributable to willful act, neglect or failure to take reasonable precautions of the affected party. Neither party shall in any circumstances be liable to the other for any loss of any kind whatsoever, including but not limited to any damages or abetment of charges whether directly or indirectly caused to or incurred by the other party by reason of any failure or delay in the performance of its obligations hereunder which is due Force Majeure. Notwithstanding the foregoing, each party shall use all reasonable endeavours to continue to perform or resume performance of such obligations hereunder for the duration of such Force Majeure event.

### **E. TERMINATION**

The present MoU can be terminated by either party by giving a notice of three (03) months. In this regard neither party shall have any claim against the other party and its officials on account of termination of this MoU. However, the responsibilities and duties of both parties in respect of the students already registered for any of the Programs under this MoU shall

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March 2022

### MOU between University of Jammu and NIELIT

not end with the termination of the MoU, and these will remain valid in totality until completion of evaluation of the already registered students and reporting of their results by both parties.

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#### F. IPR

Rights regarding publications, patents, royalty, ownership of product, design, process, code-base, etc. under the scope of this MOU, shall be decided by the two parties by mutual consent.

### G. CONFIDENTIALITY

- i. During the tenure of the MOU, both University of Jammu and NIELIT will maintain strict confidentiality and prevent disclosure of all the information and data exchanged under the scope of this MOU for any purpose other than in accordance this MOU.
- ii. Both University of Jammu and NIELIT shall bind their respective personnel who come into possession or knowledge of any confidential information NOT to disclose the same to third parties without written approval of the disclosing party or use such confidential information for any use other than intended under this MoU or PROJECTS.
- iii. Further both University of Jammu, and NIELIT shall put in place adequate and reasonable measures to keep and store confidential information secure so as to prevent any unauthorized use.
- iv. Confidential Information shall mean any proprietary information, data or facts belonging to PARTIES collectively or severally, disclosed by the disclosing party under this MoU or any subsequent addendum, whether in writing, verbal or electronically, irrespective of the medium in which such information is stored, which is marked confidential or with any other words having similar meaning by the disclosing party, or specifically agreed to be kept confidential by the parties, or declared or identified so by the disclosing party before such disclosure or during the discussions.

However confidential information shall not include any data or information which:

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### MOU between University of Jammu and NIELIT

- a) Is or become publicly available through no fault of the receiving party
- b) Is already in the rightful possession of the receiving party prior to its receipt of such data or information;

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- c) Is independently developed by the receiving party without reference to the confidential information of the disclosing party
- d) Is rightfully obtained by the receiving party from a third party or is in the public domain.
- e) Is disclosed with the written consent of the party whose information it is, or
- f) Is disclosed pursuant to court order or other legal compulsion, after providing prior notice to the disclosing party.

#### H. AMENDMENTS

Any amendment add/or addenda to the MoU shall be in writing and signed by the PARTIES hereto and shall only after such execution be deemed to form part of the MoU and have the effect of modifying the MoU to the extent required by such amendment or addenda.

#### I. INDEMNITY

Both the parties shall indemnify and keep the other party indemnified and harmless against any and all claims, actions, proceedings by third party (including all costs, expenses, damages / losses) arising out of or in connection with this MOU.

#### I. ARBITRATION

In the event of any difference or dispute arising between the parties in connection with or concerning the observance of the terms and conditions or interpretation thereof, the same shall be jointly resolved by Executive Director NIELIT J & K and Vice Chancellor, University of Jammu in a spirit of independence, mutual respect and shared responsibilities, without any resort to arbitration or other form of legal remedy including resort to court of law.

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mar r, MOU between University of Jammu and NIELIT **IN WITNESS WHEREOF THE** Parties hereof have caused this Memorandum of Understanding (MoU) to be signed in their respective names as of the day and year first hereby above written. For and on Behalf of University of For and on Behalf of NIELIT Jammu Nason (Signature of Authorized Signatory of (Signature of Authorized Signatory of NIELITT& KJ-2 University of Jammu) REGISTRAR **EXECUTIVE DIRECTOR** University of Jammu NIELIT J&K, Jammu, Jammu **University** Campus University of Jammu, Jammu In witness whereof WITNESS 1: Name: Susheef Kumer Gabourtin NIELIT Jammu, Addition of Director 25/2/2022 University Campus, University of Jammu, Jammu. WITNESS 2: (Prof Pawanesh Abrol) Head, Department of CS&IT, University of Jammu, Jammu WITNESS 3: (Prof Parveen Kumar Lehana) Head, Department of Electronics, Execution Admitted I University of Jammu, Jammu NOTARY PUBL JAMMU CITY (J& March 2022 Page 9

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Minutes of the meeting of Departmental Affairs Committee held on 05-07-2022 in the office chamber of Head of the Department.

#### **Present:**

1. Prof. Pawanesh Abrol, Head of the Department

(In the Chair)

- 2. Prof. Vinod Sharma
- 3. Prof. Lalit Sen Sharma
- 4. Dr. Shubhnandan Singh Jamwal
- 5. Sh. Jasbir Singh

At the outset, the Head of the Department welcomed the members of the DAC and thereafter the agenda of the meeting was discussed.

Agenda: Reporting of the Memorandum of Understanding (MoU) between University of Jammu and NIELIT

To impart various Training Programmes in the field of IECT, University of Jammu recently signed a Memorandum of Understanding (MoU) with NIELIT, National Institute of Electronics & Information Technology, an Autonomous Scientific Society under the Ministry of Electronics & Information Technology (MeitY), Government of India, having one centre in J & K, co-located in New Campus. The MoU would provide different avenues for the students and scholars of University of Jammu. It will provide new opportunities in key industry practices and skills besides providing exposure to projects and hands-on practical training to the students of MCA, M.Tech. (CS) and M.Sc. Electronics. A proposal for the need based specific courses for the faculty and scholars of various departments is also under consideration. Under the ambit of this MoU, the following two proposals are been offered for the students of MCA, M.Tech. (CS) and M.Sc. Electronics -

- 1. Mobile application Development with android
- 2. Raspberry Pi Programming with Python

The meeting terminated with a vote of thanks to the chair.

(Prof. Pawanesh Abrol)

Head of the Department

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