



# SOYBEAN NEWS

## सोयाबीन समाचार

भा.कृ.अनु.प.- भारतीय सोयाबीन अनुसंधान संस्थान

ICAR-INDIAN INSTITUTE OF SOYBEAN RESEARCH

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### निदेशक की कलम से

प्रिय पाठकगण,

सोयाबीन भारत का एक प्रमुख तिलहनी फसल है। इसके बीज में 40% प्रोटीन और 20% तेल होता है और यह अच्छी गुणवत्ता वाली प्रोटीन का सबसे किफायती स्रोत है। इसमें खनिज और उपयोगी न्यूट्रास्यूटिकल जैसे आइसोफ्लेवॉन, टोकोफेरॉल भी होते हैं, जो स्वास्थ्य हेतु अत्यधिक लाभदायक हैं। इस फसल में पोषण सुरक्षा प्रदान करने और देश में बढ़े पैमाने पर प्रोटीन कुपोषण को खत्म करने की क्षमता है। यह कुल तिलहनों का 45% और देश में उत्पादित कुल खाद्य तेल का लगभग 25% योगदान देता है। बदलते जलवायु परिदृश्य में खाद्य तेल, पशु खाद्य और खाद्य-पदार्थ के रूप में सीधी खपत हेतु कई गुना मांग में हुई बढ़ोतरी को पूरा करने के लिए सोयाबीन वैज्ञानिकों को नई प्रौद्योगिकी को विकसित करना बड़ी चुनौती है।

मुझे भा. कृ. अनु. प. - भारतीय सोयाबीन अनुसंधान संस्थान, इन्दौर द्वारा "सोयाबीन समाचार" के वर्तमान अंक को प्रस्तुत करते हुए अत्यंत हर्ष हो रहा है। यह अंक जनवरी-जून 2018 की अवधि के दौरान समस्त समाचार तथा घटनाओं एवं प्रमुख अनुसंधान उपलब्धियों की झलक प्रस्तुत करेगा। सबसे महत्वपूर्ण उपलब्धियों के रूप में देखा जाए तो, भारत में पहली बार कुनीट्रज ट्रिप्सिन इन्हिबीटर फ्री सोयाबीन किस्म एन. आर. सी. 127 की रिलीज को शामिल करना है। इसके अतिरिक्त, कम अवधि (< 85 दिनों की) तथा वाई. एम. वी. प्रतिरोधी जीनोटाइप सहित जलवायु रिसिलेंट सोयाबीन जीनोटाइप को भी विकसित किया गया है। इसी प्रकार, मध्यम अवधि की जीनोटाइप के साथ लैपिकसीजेनेस-2 मुक्त, उच्च ओलिक एसिड, अधिक तेल की मात्रा और उच्च उपज जैसे कृषि संबंधी महत्वपूर्ण लक्षणों सहित कई उन्नत प्रजनन लाइनों का विकास किया गया है। इस समय इन सभी प्रजनन लाईनों का AICRPS में मूल्यांकन किया जा रहा है। इसके आलावा भा. कृ. अनु. प.-भारतीय सोयाबीन अनुसंधान संस्थान ने कई अन्य कार्यक्रमों को भी आयोजित किया, जिसमें मेरा गाँव और मेरा गौरव, स्वच्छ भारत अभियान, हिन्दी कार्यशाला तथा सोयाबीन उत्पादन के मामले में नव तकनीकियों से संबंधित कई किसानों को प्रशिक्षित करना सम्मिलित है। सोयाबीन समाचार की संपादकीय टीम उनकी सहभागिता तथा प्रतिबद्धता हेतु विशेष रूप से प्रशंसनीय हैं।

### From the Director's Desk

Greetings from ICAR-IISR!

Soybean is number one oilseed crop in India. Its seed contains 40% protein and 20% oil and it is one of the most economical sources of good quality protein. It also contains minerals and useful nutraceuticals like isoflavones, tocopherols, which provide immense health benefits. The crop has a potential to provide nutritional security and eradicate rampant protein malnutrition in the country. Soybean contributes 45% of the total oilseeds and about 25% of the total edible oil produced in the country. The bigger challenge for soybean scientists is to develop new technologies for meeting the manifold increase in demand for edible oil, animal feed and direct consumption as a food in the face of changing climatic scenario.

I have great pleasure in presenting the current issue of "Soybean News" from ICAR-Indian Institute of Soybean Research (ICAR-IISR), Indore. It will provide glimpses of news and events, salient research achievements for the period January-June 2018. The most significant achievements include the release of Kunitz trypsin inhibitor free soybean variety NRC 127 for the first time in India. In addition, climate resilient soybean genotypes, with shorter duration (< 85 days) and YMV resistant genotypes have also been developed. Similarly, a number of advanced breeding lines with agriculturally important traits such as lipoxygenase-2 free, high oleic acid, high oil content and high yielding with medium duration genotypes have been developed and are in evaluation under AICRP trial. ICAR-IISR organized a number of outreach programs that includes *Mera Gao Mera Gaurav*, *Swaatch Bharath Mission*, Hindi work shop and also trained number of farmers concerning the recent technologies in soybean production. The editorial team of Soybean News deserves special appreciation for their involvement and commitment

## Salient Research Achievements

- NRC 127 the first Kunitz trypsin inhibitor free soybean genotype has been identified for release as variety in Central Zone
- NRC 132, a lipoxygenase-2 free soybean genotype developed from JS 97-52 × PI 596540 has been promoted to AVT 1 in 4 agro-climatic zones
- NRCSL 1, a YMV resistant line, developed from JS 335 × SL 525 has been promoted to AVT I in 4 agro-climatic zones
- NRCSL 2, a YMV resistant soybean genotype, developed by introgressing Mungbean Yellow Mosaic India Virus (MYMIV) resistance gene from SL 525 in popular variety JS 335 has entered IVT
- NRC 147 a high oleic acid soybean genotype has entered to AVT I
- A high oil containing genotype NRC 148 developed from NRC 7 × AGS 191 has entered IVT
- A high yielding early maturing line NRC 138 developed from JS 97-52 × NRC 107 has entered IVT
- A high yielding medium duration line NRC 146 developed from JS 335 × EC 538828 has entered in IVT
- The sucrose content was analysed in 167 and 115 plants derived from the population Dada cha mame × NRC 101 and karune × NRC 127 to identify genomic regions associated with sucrose content
- Soybean accessions IC 195, Type 49, EC 341115 have been identified as salt tolerant at electrical conductivity @ (ECiw) 8 dS m<sup>-1</sup>
- The study of spray of different nutrients to mitigate drought and its effect on physiological and yield attributing characters indicated potassium (alone) and in combination with calcium and silicon was found more effective to mitigate drought compared to controlled condition
- Soybean accession V 61 has been identified as long juvenile with flowering and maturity duration of 58 and 108 days, respectively
- Advanced breeding line derived from JS 95-60 × EC 572109 identified as early maturing, shattering resistant and with high oleic acid content (47%)
- SSR marker BARCSOYSSR\_10\_1400 identified to be associated with 100 seed weight, plant height and maturity in early maturing bold seeded genotype EC 538828
- In a breeding population of 145 advance breeding lines (F8) evaluated for low soil moisture stress tolerance, two lines viz. 26-74-135 and 26-74-139 derived from a cross (JS 95-60 × Young) were found drought tolerant
- First backcross generation for the population developed from JS 97-52 and NRC 7 derived KTI free line × NRC 109 for pyramiding null KTI and null Lox2 has been obtained
- Cultivation of soybean with mixing of different varieties with same maturity duration found to have lower populations of sucking defoliator, stem borer and pod borer pests compared to cultivation of lone variety. Similarly, higher population density of predators, coupled with higher parasitoid activity was observed in mixed varietal soybean cultivation as compared cultivation of lone variety
- Economic benefits from adoption of rust resistant varieties in rust prone districts of Karnataka and Maharashtra states have been assessed using economic surplus model in small open economy



framework. The results indicated that a widespread adoption of rust resistant soybean varieties can make significant contributions to farm income and crop stabilization in rust prone districts of Karnataka and Maharashtra

- Identified and characterized three soybean *Bradyrhizobia* based on 16SrRNA gene sequences from which one novel potential *Bradyrhizobium daqingense* was reported for the first time from Indian soil and is being validated in field
- The cropping sequences soybean-chickpea maintained significantly higher microbial biomass carbon ( $257.26 \text{ mg C kg}^{-1} \text{ soil}$ ) and AMF biomass in terms of PLFA ( $2.08 \text{ nanomoles g}^{-1} \text{ soil}$ ) and NLFA ( $33.617 \text{ nanomoles g}^{-1} \text{ soil}$ ) over soybean-wheat and soybean-mustard
- AMF biomass in terms of signature fatty acids i.e., the content of 16:1 $\omega$ 5 PLFA and NLFA were found to be the highest i.e.,  $2.09 \text{ nanomoles g}^{-1} \text{ soil}$  and  $53.69 \text{ nanomoles g}^{-1} \text{ soil}$  respectively in the plots managed with reduced tillage practices

## News and Events

### 48<sup>th</sup> Annual Group Meet of All India Coordinated Research Project on Soybean

The 48<sup>th</sup> Annual Group Meet of All India Coordinated Research Project on Soybean was organized jointly by Indira Gandhi Agricultural University, Raipur and ICAR-Indian Institute of Soybean Research, Indore during March 15-17, 2018. Chief Guest of the inaugural session Dr. S. K. Patil, H'ble Vice Chancellor, IGKU, Raipur expressed concern over reduction in the area, production and productivity of soybean in the country in last few years. He stressed upon developing new high yielding varieties and making them available to the farmers and also expressed the necessity of increasing farm mechanization.

Special Guest, Dr. D. K. Yadava, Assistant Director General (Seed), ICAR, New Delhi mentioned that soybean production is being done in the country in a big way, mainly due to the extensive research work conducted under the All India Coordinated Research Project on Soybean. He emphasized that the centers with unique/specific specialization and



48<sup>th</sup> AICRP Workshop at Indira Gandhi Agricultural University, Raipur

expertise should be mandated to concentrate in those areas only. Dr. V. S. Bhatia, Director, ICAR-Indian Institute of Soybean Research, Indore gave a detailed overview of AICRP on Soybean and appealed to the scientists to develop varieties suitable under delayed sowing, moisture stress, excess rains and high temperature besides high yield potential.

The Annual Group Meet was attended by over one hundred scientists working under AICRP on soybean, representatives of Agri-input manufacturers, seed organizations, processing organizations etc. During the AGM, the Varietal Identification Committee screened the identification proposals and identified total 12 varieties for different agro-climatic zones: JS 20-94, JS 20-116, RVS 2007-6, RSC 10-46, NRC 127 for Central Zone, JS 20-116 for Eastern Zone, RSC 10-46, JS 20-116 for North Eastern Hill Zone, VL Soya 89 for North Hill Zone and PS 1572, SL 1028 and SL 1074 for Northern Plain Zone.

## 21<sup>st</sup> Research Advisory Committee (RAC) Meeting

The meeting of the 21<sup>st</sup> Research Advisory Committee of ICAR-Indian Institute of Soybean Research, Indore was held on 2<sup>nd</sup> May 2018. The meeting was chaired by Dr. S.P. Tiwari, Chairman RAC, Ex-Vice Chancellor, SKRAU, Bikaner and Ex-DDG, ICAR and attended by members Dr. S.K. Rao, Vice Chancellor, RVSKVV, Gwalior, Dr. D.M. Hegde, Ex-Project Director (DOR, Hyderabad), Bangalore, Dr. V. S. Bhatia, Director (ICAR-IISR), Dr. D.C. Uprety, Ex-Principal Scientist (Plant Physiology), IARI, New Delhi, Dr. A.K. Sharma, Ex-Director (ICAR-NBAIM, Mau), Dr. V. Dinesh Kumar, Principal Scientist, ICAR-IIOR, Hyderabad, Dr. Bharat Singh, Sr. Scientist (Soil Science), College of Agriculture, Indore and Dr. S.D. Billore, Principal Scientist and Member Secretary, ICAR-IISR, Indore. The Director ICAR-IISR, Dr. V.S. Bhatia, welcomed the chairman and the members. He

also briefed about the previous year achievements of the institute. The Chairman, Dr. Tiwari appreciated the achievements made by the IISR comprising scientific research, quality publications and release of first Kunitz trypsin inhibitor free specialty soybean variety 'NRC 127' in India. He stated that research programmes should be realigned in congruence with national and state policies and be re-oriented to increase farmer's income and human development index. The members emphasized that the research has to be oriented towards development of climate smart technology for soybean and doubling the farmers income. Efforts should also be made to increase the total factor productivity of soybean. Drought proofing including supplemental irrigation need to be adopted to stabilize soybean production. Efforts are also needed to develop customized fertilizers for soybean in major growing areas. Members expressed a need to further improvement in frontline demonstrations and breeder seed production. Members appreciated the timely and need-based advisory services provided to farmers by the IISR.



**Research Advisory Committee (RAC) Meeting**



### 32<sup>nd</sup> Institute Research Council Meeting

Annual Institute Research Council (IRC) Meeting of the Institute was held during May 28-30, 2018. The meeting was chaired by the Director, Dr. V.S. Bhatia and was attended by external member of IRC Dr S.V. Sai Prasad, Head, IARI Regional Station, Indore. Chairman Dr. V.S. Bhatia expressed his concern over problems of climatic aberrations, appearance of insects, Charcoal rot and other fungal diseases causing the yield losses in soybean. The Director also emphasized that all the suggestions made by the RAC and QRT should be taken care in the formulation of new research programmes. The principal investigators of the ongoing projects presented project-wise presentations of research work done during 2017-18 along with envisaged programmes for period 2018-19.



**Institute Research Committee (IRC) Meeting**

### Breeder seed

The meeting on the issue of breeder seed lifting during the season Kharif 2017, Rabi 2017-18 and Kharif 2018 was held on 18<sup>th</sup> June, 2018 under chairmanship of Shree Ashwini Kumar, Joint Secretary (Seeds), DAC & FW, MoA & FW, New Delhi and participated by Dr. D.K. Yadav, ADG (Seed), ICAR, New Delhi; Dr. V.S. Bhatia, Director, ICAR-IISR, Indore; Dr. D.K. Agarwal, Director I/C, ICAR-IISS, Mau; Nodal Officers of Breeder Seed production Units of SAUs, ICAR Institutes and Central and State Seed Agencies. The meeting had a fruitful discussion on rationalization of indented quantity of breeder seed of different crops especially for soybean as there had been large quantity of non-lifted soybean seeds even though production was less than indent. The meeting recommended the mechanism of 25% advance payment of soybean breeder seed cost and all the agencies agreed up on to pay advance to solve the problem of non-lifting of breeder seeds.



**Breeder Seed meeting, held at ICAR-IISR Indore**





## Transfer of Technology

- **Mera Gaon Mera Gaurav** The programme is being implemented in 25 villages of Indore districts in which five multidisciplinary team of scientists are maintaining close contact with farmers. Beside soybean, the scientists are facilitating information flow of other agricultural commodities and the agricultural/developmental schemes launched by Government of India for the overall development of rural masses.



ICAR-Scientists and farmers interaction under MGMG

- **One day training programme** During Jan-June 2018, the institute organized 40 one day training programmes on 'Improved Soybean Production Technology' involving 1558 farmers and farm women. Similarly, 15 one day training programmes were organized on "Processing and Utilization of Soybean for Food Uses" with total participation of 492 women belonging to Madhya Pradesh.



One day Farmers Training Programme on Improved Soybean Production Technology



ICAR-Scientists participated in sowing for FLDs under MGMG



- **Trainers Training Programme** The institute organized a trainers training programme on Organic Soybean Production on 22<sup>nd</sup> May 2018 in which a total of 15 field officers of M/s Nature Bio-foods Ltd, Sonapat participated.



**Training on Organic Soybean Production for officers of Nature Bio-foods Ltd, Sonapat**

#### **Organization of Short term 10 days training program**

ICAR sponsored CAFT training for duration of Ten days on “Conventional and Molecular Breeding Approaches for Increasing Soybean Productivity under Changing Climatic Situations in India” was organized during 16<sup>th</sup> – 25<sup>th</sup> January, 2018. Total of eighteen soybean breeders from different states participated in the programme. The training has been designed for soybean workers for providing them the knowledge on recent genetic advances in soybean including molecular and conventional breeding. Dr. S.P. Tiwari Ex Director, ICAR-IISR and Ex DDG (Education and Crop Science, ICAR) was the Chief Guest of the function and inaugurated the training programme.



**Inauguration of Training programme by Chief guest Dr. S.P. Tiwari**



**Distribution of certificate to participants of training programme by founder Director, Dr. P.S. Bhatnagar**



**Group Photo of trainee participants with ICAR-IISR Director & Staff**



## Other Institutional Activities

- **Swachh Bharat Abhiyan** The institute is regularly organizing cleanliness drives on last Saturday of every month and taking up the activities for cleanliness and maintenance of Office Building, Laboratories, Canteen, Farm section Buildings, Residential Campus and various roads located in IISR campus. Under the

programme, various activities as outlined in the Annual as well as Five Year Plan are being conducted especially organization of *Swachhata Pakhwara*, Public rally, cleanliness programme at public/tourist places, digitization and weeding out old office records, use of bio-degradable waste for compost making etc.



Cleanliness drive under *Swachhata* Programme



## Institute participation in Exhibitions



Exhibition stall of ICAR-IISR at an Agricultural Exhibition organized at Hatod, Dist-Indore



Honble MoS (Agril), GoI Shri Gajendra Singh Shekhawat visiting the Exhibition stall of ICAR-IISR at ICAR-IIOR, Hyderabad



## Awards and recognitions

1. **Richa Agnihotri et al.** received best presentation award for the work entitled "Coordination of crop and soil management practices built up higher mycorrhizal biomass which enhances soil carbon sequestration assessed in the rhizosphere of soybean in a long-term field trial" presented during the National Conference on organic waste management for food and environment security during Feb 8-10, 2018 held at ICAR-IISS, Bhopal.
2. **Abhishek Bharti et al.** received best presentation award for the work entitled "Application of moisture tolerant rhizobia

recovered from current seed chain soybean varieties with AM fungi enhanced nodulation leg haemoglobin grain yield and saved fertilizers in a field trial" during National conference on enhancing productivity of oilseed in changing climate scenario conference held at ICAR-Directorate of Groundnut Research, Junagarh 362001, Gujarat from 7 -9 April 2018.

3. **Dr. D. N. Baraskar** received certificate of merit recognition for his photography (Landscape) during 7<sup>th</sup> edition of DJMPC International Photography Contest held at Coimbatore (Tamil Nadu).

## Higher Education

The following Scientists acquired Ph.D During the period 2018

Sl. No.	Name	Name of Degre	University/ Institution
1.	Dr. Vennampally Nataraj	Ph.D (Genetics and Plant Breeding) "Cytogenetic Characterization and Molecular mapping of <i>Triticum multilane</i> derived Leaf rust resistance in wheat"	ICAR- Indian Institute of Agricultural Research, New Delhi
2	Dr. Subhash Chandra	Ph.D (Genetics and Plant Breeding) "Genetic studies and identification molecular markers for Seed Coat Permeability in Soybean"	ICAR- Indian Institute of Agricultural Research, New Delhi
3	Dr. Laxman Singh Rajput	Ph.D (Plant Pathology "Simulation of Cyclic Adenosine Monophosphate (cAMP) dependent Protein Kinase A (PKA) activity in relation to appresorium formation in <i>Magnoportha oryza</i> "	ICAR- Indian Institute of Agricultural Research, New Delhi
4	Dr. Vangala Rajesh	Ph.D (Genetics and Plant Breeding) "Genetics of Preharvest Sprouting Tolerance and other Quantitative Characters in Rice Genotypes ( <i>Oryza sativa</i> L.)	Professor JayashankarTelangana State Agricultural University (PJTSAU), Hyderabad.

## संस्थान में जनवरी-जून 2018 के दौरान राजभाषा-कार्यान्वयन संबंधी विभिन्न गतिविधियाँ

भारतीय संविधान में हिन्दी को संघ की राजभाषा के रूप में स्थापित किया गया है एवं संविधान के भाग सत्रह, अनुच्छेद तीन सौ इक्यावन में वर्णित है कि राजभाषा हिन्दी को इस तरह से विकसित किया जाए ताकि वह भारत की विविध संस्कृति को व्यक्त करने में समर्थवान हो। अतः राजभाषा के रूप में हिन्दी की भूमिक अत्यंत महत्वपूर्णता के साथ ही साथ दायित्व-युक्त भी है। इस उद्देश्य का वहन करते हुए भा. कृ.अनु. परि. भारतीय सोयाबीन अनुसंधान संस्थान, इंदौर में राजभाषा हिन्दी के प्रसार-प्रचार हेतु अनेकानेक कार्यक्रम किए जा रहे हैं। जिनका स्वरूप भारतीय सोयाबीन अनुसंधान संस्थान में राजभाषा कार्यान्वयन के क्षेत्र में उत्तरोत्तर प्रगति के साथ

अतिरिक्त कार्यशालाओं के आयोजन का मुख्य ध्येय यह भी होता है कि हिन्दी का प्रयोग किस प्रकार सरल से सरलतम की ओर बढ़ाया जा सकता है। इसलिए प्रत्येक तिमाही में कम से कम एक हिन्दी कार्यशाला का आयोजन किया जा रहा है। ताकि संस्थान के सभी सवंगों में हिन्दी में कार्य संपन्न करने का रुझान में उत्तरोत्तर प्रगति हो सके। इस उद्देश्य हेतु संबंधित विषयानुसार कार्यशालाएं सम्पन्न की जाती है। जनवरी-जून 2018 में अब तक 02 कार्यशालाओं का आयोजन किया गया, जिसकी सूची इस प्रकार से है :

### हिन्दी कार्यशाला

क्र.	दिनांक	विषय	अतिथि वक्ता
1.	03 मार्च 2018	व्यक्तित्व के विकास में भाषा की भूमिका	श्री हरेराम बाजपेयी, प्रबंध सम्पादक— वीणा, इंदौर
2.	07 जून 2018	हिन्दी वॉयस टाइपिंग	श्री मधुकर पवार, सहायक निदेशक, क्षेत्रीय प्रचार निदेशालय, सूचना और प्रसारण मंत्रालय, इन्दौर ।

दृष्टिगोचर होते हैं, जो राजभाषा के प्रगामी प्रयोग में अत्यंत सार्थक सिद्ध हो रहे हैं। इस क्षेत्र में किए जा रहे क्रियाकलापों का संक्षिप्त विवरण निम्नवत् हैं :

- क) **राजभाषा नियम, 1976 के नियम 8 का अनुपालन:** संस्थान के अधिकारी एवं कर्मचारी शासकीय कार्यों हेतु राजभाषा नियम, 1976 के नियम 8 के उपनियम (1) तथा (4) के अनुसार लिखे जाने वाली टिप्पणियाँ एवं अन्य कार्य हिन्दी में करते हैं।
- ख) **राजभाषा कार्यान्वयन समिति की तिमाही बैठक :**  
प्रथम बैठक : दिनांक 08 जनवरी 2018  
द्वितीय बैठक : दिनांक 04 अप्रैल 2018
- ग) **हिन्दी कार्यशालाएं:** संस्थान के अधिकारियों एवं कर्मचारियों की हिन्दी में कार्य करने के दौरान होने वाली समस्याओं के निराकरण हेतु संस्थान में हिन्दी कार्यशालाओं का आयोजन किया जाता है। इसके

- घ) **प्रशिक्षण :** संस्थान में राजभाषा के प्रचार-प्रसार हेतु कृषकों एवं प्रशिक्षणार्थियों को प्रशिक्षण संबंधित सारी सामग्रियाँ हिन्दी में भी प्रदान की जा रही है।
- ङ) **शब्दकोश में वृद्धि :** संस्थान में प्रतिदिन एक शब्द हिन्दी एवं अंग्रेजी को द्विभाषी रूप में "आज का शब्द" के रूप में प्रदर्शित किया जा रहा है, ताकि अधिकारियों एवं कर्मचारियों के हिन्दी शब्द ज्ञान में वृद्धि करने के साथ ही साथ हिन्दी के कार्यालयीन उपयोग में भी सहायता प्रदान कर सके।
- च) **अनुवाद द्विभाषी प्रपत्र :** संस्थान में कार्यालयीन कार्य में प्रयुक्त होने वाले विभिन्न पत्रों, प्रपत्रों आदि का अनुवाद कार्य भी प्रगति पर है, जिससे दैनंदिन के साथ ही प्रायः प्रयुक्त होने वाले सभी प्रकार के पत्रों, प्रपत्रों का द्विभाषी मुद्रित रूप सम्मिलित है। यह कार्य राजभाषा कार्यान्वयन की दिशा में स्थायी एवं आधारभूत उपलब्धि है।



- छ) **राजभाषा तिमाही रिपोर्ट का प्रेषण** : संस्थान में राजभाषा हिन्दी से संबंधित समस्त कार्यों का विवरण तिमाही हिन्दी रिपोर्ट के माध्यम से संबंधित विभागों को ऑनलाइन एवं द्रुतगामी डाक सेवा से प्रेषित किया जाता है। इस कार्य को धरातलीय रूप प्रदान करने में संस्थान के समस्त संबंधित अनुभाग का सक्रिय एवं सराहनीय योगदान है।
- ज) **राजभाषा अधिनियम, 1963 की धारा 3(3)** : संस्थान में राजभाषा अधिनियम, 1963 की धारा 3(3) से संबंधित दस्तावेजों जैसे: सामान्य – आदेश, अधिसूचनाएं, प्रेस विज्ञप्तियाँ, संविदा, करार, लाइसेंस, पर्मिट, टेंडर के फार्म और नोटिस, संकल्प नियम इत्यादि को हिन्दी और अंग्रेजी द्विभाषी रूप में निकाला जाता है, ताकि राजभाषा संबंधित दिशा-निर्देशों का पालन सतत होता रहे।
- झ) **यूनिकोड की सुविधा** : संस्थान के अधिकारियों तथा कर्मचारियों की हिन्दी में कार्य करने की रुचि में वृद्धि करने हेतु समस्त कम्प्यूटर में हिन्दी यूनिकोड की व्यवस्था प्रदान की गई है, जिससे एक समान फॉन्ट के माध्यम से पूरा संस्थान एक ही दिशा की ओर अग्रसर हो सके।
- ञ) **मौलिक लेखन कार्य का प्रादुर्भाव** : संस्थान में राजभाषा संबंधी विभिन्न क्रियाकलापों के साथ मौलिक लेखन कार्य को द्रुतगामी आयाम प्रदान करने में अधिकारियों एवं कर्मचारियों की रुचि अद्वितीय है। विभिन्न प्रतिष्ठित संस्थानों द्वारा इनकी लेखनी को स्थान प्राप्त होते हैं।

- ट) **मध्य एवं पश्चिम क्षेत्र का प्रथम राजभाषा पुरस्कार** : भारत सरकार, गृह मंत्रालय, राजभाषा विभाग, क्षेत्रीय कार्यान्वयन कार्यालय (मध्य), भोपाल द्वारा दिनांक 12 जनवरी, 2018 को मुम्बई में आयोजित एक दिवसीय संयुक्त क्षेत्रीय राजभाषा सम्मेलन में मध्य एवं पश्चिम क्षेत्र का प्रथम राजभाषा पुरस्कार संस्थान को प्रदान किया गया।



**मध्य एवं पश्चिम क्षेत्र का प्रथम राजभाषा पुरस्कार प्राप्त करते हुए**

राजभाषा कार्यान्वयन के क्षेत्र में भा. कृ. अनु. परि. – भारतीय सोयाबीन अनुसंधान संस्थान की प्रगति आख्या का एक स्वर्णिम झलक आपके समक्ष प्रस्तुत है। उपरोक्त गतिविधियों पर यदि दृष्टिपात करें तो ज्ञात होता है कि संस्थान में राजभाषा कार्यान्वयन की दिशा में एक सकारात्मक एवं सार्थक कार्य हो रहा है, जो संस्थान में हिन्दी के सुनहरे भविष्य का आभास कराती है।



हर कदम, हर डगर  
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